ERS CONGRESS | 2025

27 September - 1 October | Amsterdam, Netherlands

PROGRAMME

G104/105 Session 3 08:00 - 19:15

OSCE examination : Thoracic ultrasound training programme Part 3 - OSCE examination - by invitation only

Aims : BY INVITATION ONLY - This session is the final part of the ERS Thoracic ultrasound training programme, for more information on the programme and how to register please visit: https://www.ersnet.org/education-and-professional-development/ers-certified-training-programmes/thoracic-ultrasound-certified-training-programme/

Chairs : Christian Borbjerg Laursen (Odense M, Denmark), Pia Iben Pietersen (Odense C, Denmark), Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom), Jouke T. Annema (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Lars Konge (Copenhagen, Denmark, Denmark)

08:15	**TUS Part 3 - OSCE: Round 1** Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India)	**2**
09:20	**TUS Part 3 - OSCE: Round 2** Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom)	**3**
10:25	**TUS Part 3 - OSCE: Round 3** Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Jouke T. Annema (Amsterdam, Netherlands), Radhika Banka (Mumbai (Maharashtra), India)	**4**
11:30	**TUS Part 3 - OSCE: Round 4** Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India), Dinesh Addala (Oxford, United Kingdom)	**5**
12:35	**TUS Part 3 - OSCE: Round 5** Jouke T. Annema (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Eihab Bedawi (Sheffield, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom), Speaker to be confirmed	**6**
13:40	**TUS Part 3 - OSCE: Round 6** Jouke T. Annema (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Jesper Rømhild Davidsen (Odense C, Denmark), Nick Maskell (Bristol (Avon), United Kingdom)	**7**
14:45	**TUS Part 3 - OSCE: Round 7** Pia Iben Pietersen (Odense C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)	**8**
15:50	**TUS Part 3 - OSCE: Round 8** Rahul Bhatnagar (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom), Jesper Rømhild Davidsen (Odense C, Denmark), Pia Iben Pietersen (Odense C, Denmark)	**9**
16:55	**TUS Part 3 - OSCE: Round 9** Rahul Bhatnagar (Bristol, United Kingdom), Pia Iben Pietersen (Odense C, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark), Casper Falster (Odense, Denmark)	**10**
18:00	**TUS Part 3 - OSCE: Round 10** Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark)	**11**

E103/104 Session 4 08:30 - 13:30

Academy: Academy of paediatric respiratory medicine

Chairs : Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)

08:30	**Endoscopy** Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)	**12**
09:15	**Lung function tests** Nicolas Regamey (Lucerne, Switzerland), Annelies M. Zwitserloot (Groningen, Netherlands)	**13**

10:00	**Imaging and ultrasound** Carolina Casini (Roma (RM), Italy), Meinrad Beer (Ulm, Germany)	**14**
10:45	**Break** All speakers	**15**
11:15	**Bronchial asthma and wheezing disorders** Marielle Pijnenburg (Rotterdam, Netherlands), Louise Fleming (London, United Kingdom)	**16**
12:00	**Non-CF bronchiectasis** Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)	**17**
12:45	**Sleep disorders** Refika Hamutcu Ersu (Ottawa, Canada), Athanasios G. Kaditis (Athens, Greece)	**18**

Elicium 1 Session 5 09:00 - 17:40

Postgraduate course: PG1 Thoracic ultrasound - €

Additional registration is required for this session.

Chairs : Rahul Bhatnagar (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom), Najib M. Rahman (Oxford, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India)

09:00	**Welcome and introduction** All speakers	**19**
09:10	**Focused cardiac ultrasound** Casper Falster (Odense, Denmark)	**20**
09:30	**Case: Focused cardiac ultrasound** Casper Falster (Odense, Denmark)	**21**
09:40	**Limited compression ultrasonography of the deep veins for deep vein thrombosis assessment** Pia Iben Pietersen (Odense C, Denmark)	**22**
10:00	**Case: Limited compression ultrasonography** Pia Iben Pietersen (Odense C, Denmark)	**23**
10:10	**Ultrasound assessment of the diaphragm** Søren Helbo Skaarup (Aarhus C, Denmark)	**24**
10:30	**Case: Ultrasound assessment of the diaphragm** Søren Helbo Skaarup (Aarhus C, Denmark)	**25**
10:40	**Discussion and Q&A** All speakers	**26**
10:50	**Coffee break** All speakers	**27**
11:20	**Use of thoracic ultrasound in an intensive care unit** Silvia Mongodi (Pavia, Italy)	**28**
11:40	**Case: Use of thoracic ultrasound in an intensive care unit** Silvia Mongodi (Pavia, Italy)	**29**
11:50	**Use of thoracic ultrasound in an interstitial lung disease clinic** Jesper Rømhild Davidsen (Odense C, Denmark)	**30**
12:10	**Case: Use of thoracic ultrasound in an interstitial lung disease clinic** Jesper Rømhild Davidsen (Odense C, Denmark)	**31**
12:20	**Use of evidence-based training principles in thoracic ultrasound in a department** Pia Iben Pietersen (Odense C, Denmark)	**32**
12:40	**Case: Use of evidence-based training principles in thoracic ultrasound in a department** Pia Iben Pietersen (Odense C, Denmark)	**33**
12:50	**Discussion and Q&A** All speakers	**34**

13:00	**Lunch break** All speakers	**35**
14:00	**Advanced thoracic ultrasound for assessment of patients with pleural disease** Eihab Bedawi (Sheffield, United Kingdom)	**36**
14:20	**Case: Advanced thoracic ultrasound for assessment of patients with pleural disease** Eihab Bedawi (Sheffield, United Kingdom)	**37**
14:30	**Advanced thoracic ultrasound for assessment of patients with chest opacity** Christian Borbjerg Laursen (Odense M, Denmark)	**38**
14:50	**Case: Advanced thoracic ultrasound for assessment of patients with chest opacity** Christian Borbjerg Laursen (Odense M, Denmark)	**39**
15:00	**Discussion and Q&A** All speakers	**40**
15:10	**Ultrasound-guided biopsy of the pleura** Dinesh Addala (Oxford, United Kingdom)	**41**
15:30	**Case: Ultrasound-guided biopsy of the pleura** Dinesh Addala (Oxford, United Kingdom)	**42**
15:40	**Ultrasound-guided biopsy of lymph nodes** Anand Sundaralingam (Oxford, United Kingdom)	**43**
16:00	**Case: Ultrasound-guided biopsy of lymph nodes** Anand Sundaralingam (Oxford, United Kingdom)	**44**
16:10	**Break** All speakers	**45**
16:30	**Ultrasound-guided biopsy of the lung** Rachelle Asciak (SIGGIEWI, Malta)	**46**
16:50	**Case: Ultrasound-guided biopsy of the lung** Rachelle Asciak (SIGGIEWI, Malta)	**47**
17:00	**Thoracic ultrasound for advanced procedure guidance** Wui Mei Chew (Singapore, Singapore)	**48**
17:20	**Case: Thoracic ultrasound for advanced procedure guidance** Wui Mei Chew (Singapore, Singapore)	**49**
17:30	**Discussion and Q&A** All speakers	**50**

3A Session 6 09:00 - 17:00

NEXT: Networking Excellence Training Programme (NEXT)

Aims : By invitation only - The ERS NEXT programme provides a comprehensive training programme for ERS early career abstract presenters

Chairs : Thomas Gille (Bobigny, France)

09:00	**Welcome and overview of the day** Thomas Gille (Bobigny, France)	**51**
09:15	**Ice-breaker** Thomas Gille (Bobigny, France), Mathieu Marillier (Echirolles, France), Athénaïs Boucly (Paris, France)	**52**
09:30	**Presentation skills lecture** Dorina Esendagli (Ankara, Turkey)	**53**
10:00	**Presentation skills breakout (oral presentations: beginner)** Mathieu Marillier (Echirolles, France), Heleen Demeyer (Leuven, Belgium)	**54**
10:00	**Presentation skills breakout (oral presentations: some experience)** Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Matteo SICILIANO (ROMA, Italy)	**55**

10:00	**Presentation skills breakout (oral presentations: experienced)** Laura Fabbri (London, United Kingdom), Howraman Meteran (Hvidovre, Denmark)	**56**
10:00	**Presentation skills breakout (oral presentations: posters)** Christoph Fisser (Donaustauf, Germany), Amanda Dandanell Juul (Odense S, Denmark)	**57**
11:30	**Coffee break** All speakers	**58**
12:00	**Complimentary skills to achieve success - panel discussion** Augusta Beech (Manchester, United Kingdom), Julien Guiot (Liège, Belgium), Niki Ubags (Epalinges, Switzerland), Eva Polverino (Barcelona, Spain)	**59**
13:00	**Mentoring lunch (with ERS Leadership)** All speakers	**60**
14:15	**Moderating lecture** Chiara Premuda (Palermo, Italy)	**61**
14:30	**Moderating role-play session** Christoph Fisser (Donaustauf, Germany), Susanne Vijverberg (Amsterdam, Netherlands), Amanda Dandanell Juul (Odense S, Denmark)	**62**
15:15	**Coffee break** All speakers	**63**
15:45	**Keynote: Manuscript writing and publishing** James D. Chalmers (Dundee (Angus), United Kingdom)	**64**
16:15	**Manuscript writing and publishing - Q&A discussion** All speakers	**65**
16:45	**Feedback and take-home messages** Thomas Gille (Bobigny, France)	**66**

E102 Session 7 09:00 - 17:15

Academy: Academy of adult respiratory medicine

09:00	**Introduction to workshops** Sophia E. Schiza (Heraklion, Greece), Stylianos Loukides (Athens, Greece), Gabor Kovacs (Graz, Austria)	**67**
09:15	**Sleep-related disorders** Dries Testelmans (Leuven, Belgium), Elisa Perger (Milano, Italy), Marieke L. Duiverman (Groningen, Netherlands)	**68**
10:15	**Coffee break** All speakers	**69**
10:45	**Respiratory infections** Raquel Duarte (Porto, Portugal), Christoph Lange (Borstel, Germany)	**70**
11:45	**Pulmonary circulation** Gabor Kovacs (Graz, Austria), Mona Lichtblau (Zürich, Switzerland)	**71**
12:45	**Lunch break** All speakers	**72**
13:45	**Pulmonary function testing** Frans H.C. De Jongh (Enschede, Netherlands), Monika Franczuk (Warsaw, Poland)	**73**
14:45	**Lung imaging** Ádám Domonkos Tárnoki (Budapest, Hungary), Anna Kerpel-Fronius (Budapest, Hungary)	**74**
15:45	**Coffee break** All speakers	**75**
16:15	**Thoracic oncology** Wouter H. van Geffen (Nijmegen, Netherlands), Eric Daniel Tenda (Jakarta, Indonesia)	**76**

Studio — Session 8 — 09:00 - 09:45

Congress theme session: From home to work: the urgent need for safe indoor air

Aims : Aims to discuss the risk, pathophysiology and characteristics of COPD development due to biomass exposure and propose appropriate early interventions for treatment; to present the most recent evidence regarding associated respiratory health effects and underlying biological pathways; to discuss mitigation and adaptation actions and the current international regulations on indoor air pollutants, highlighting the knowledge gaps; to discuss the global urgent need for health-based exposure limits both at work and home to protect the most vulnerable subjects such as children, pregnant women, the elderly and people with underlying chronic lung conditions who are often homebound.

Method(s) : Epidemiology Public health Pulmonary function testing

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist, Journalist

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Nicolas Roche (Paris, France)

09:00	**The role of biomass exposure and indoor pollution in COPD development** Naresh Chandra Gupta (New Delhi, India)	**77**
09:15	**Too clean to be true? From work to home: how breathing cleaning products can damage your lungs** Sara De Matteis (Milan, Italy)	**78**
09:30	**Discussion and Q&A** All speakers	**79**

7A — Session 9 — 09:30 - 11:00

Forum: Primary and integrated respiratory care: part 1

Achieving universal coverage for lung health. Key actions in the Primary Care framework

Aims : to foster discussions and propose optimal strategies for enhancing universal health in relation to respiratory diseases within primary care interventions, including identifying early-life exposures that may pose a risk for lung disease and exploring preventive measures, taking into account various examples of community-based interventions and initiatives; to describe and investigate the implementation of pulmonary rehabilitation and palliative care by primary care health providers in diverse cultural and economic contexts.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Palliative care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom)

09:30	**Intervening early in life to reduce the risk of lung disease** Tina V. Hartert (Nashville, United States)	**80**
09:45	**A community-based approach to managing chronic obstructive pulmonary disease in a low- or middle -income country** Tara Ballav Adhikari (Kathamndu, Nepal)	**81**
10:00	**How can a health system be developed to deliver rehabilitation for patients with chronic respiratory diseases in low-resource settings?** G M Monsur Habib (Khulna, Bangladesh)	**82**
10:15	**What are the challenges and benefits of providing integrated respiratory and palliative care in urban and rural settings?** Natasha Smallwood (Melbourne (VIC), Australia)	**83**
10:30	**Discussion and Q&A** All speakers	**84**

Elicium 2 — Session 10 — 09:30 - 11:00

Language session: Chinese programme 2025

Aims : to present an overview of hot topics in pulmonary infection and chronic obstructive pulmonary disease (COPD) in Europe and China.

Disease(s) : Airway diseases Respiratory infections

Tag(s) : Translational

Chairs : Bin Cao (Beijing, China), Judith Garcia-Aymerich (Barcelona, Spain)

09:30	**Study of the impact of clonal haematopoiesis of indeterminate potential on the outcome of community-acquired pneumonia and the underlying mechanism** Jieming Qu (Shanghai, China)	**85**
09:45	**The rise of viral pneumonia in the post-COVID era** Thomas Wilkinson (Southampton (Hampshire), United Kingdom)	**86**
10:00	**Tuberculosis-associated COPD: consensus and unmet needs** Yongchang Sun (Beijing, China)	**87**
10:15	**From post-tuberculosis lung disease to multimorbidity: lessons from Europe** Anthony Byrne (Allambie Heights, Australia)	**88**
10:30	**Discussion and Q&A** All speakers	**89**

5B Session 11 09:30 - 13:00

Postgraduate course: PG2 Masterclass in asthma

Additional registration is required for this session.

Aims : to provide an update on the latest findings on asthma pathophysiology and treatment advantages.

Method(s) : Cell and molecular biology Epidemiology Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Physician in Pulmonary Training

Chairs : Florence Schleich (Liège, Belgium), Gert-Jan Braunstahl (Rotterdam, Netherlands)

09:30	**Asthma immunopathology and its clinical presentation** Anneke ten Brinke (Leeuwarden, Netherlands)	**90**
09:50	**Discussion and Q&A** All speakers	**91**
10:00	**Assessing patients with asthma is an art based on facts and knowledge of the disease and our patients** Matteo Bonini (Rome, Italy)	**92**
10:20	**Discussion and Q&A** All speakers	**93**
10:30	**Asthma pharmacotherapy starts with the right inhalations/inhalers and progresses accordingly** Omar S. Usmani (London, United Kingdom)	**94**
10:50	**Discussion and Q&A** All speakers	**95**
11:00	**Break** All speakers	**96**
11:30	**Assessing severe asthma and choosing the right biologic therapy** Arnaud Bourdin (Montpellier Cedex 5, France)	**97**
11:50	**Discussion and Q&A** All speakers	**98**
12:00	**Group assignment** All speakers	**99**

5C Session 12 09:30 - 13:00

Postgraduate course: PG3 Diffuse interstitial lung diseases of known cause: diagnosis and management

Additional registration is required for this session.

Aims : to explain how to interpret high-resolution computed tomography (HRCT) findings in order to increase suspicion or diagnostic confidence of connective tissue disease-associated interstitial lung disease (CTD-ILD)/hypersensitivity pneumonitis (HP) and what the main pitfalls in interpretation of HRCT findings are; to explain when a lung biopsy sample is necessary to increase the diagnostic confidence of these disorders and which method is more likely to help in this regard; to discuss the importance of the timing of treatment initiation in these disorders; to discuss the choice of the right immunosuppressive agent and the timing of initiation of antifibrotic treatment (i.e., before, concomitantly or after the initiation of immunomodulation) according to current evidence in the literature; to discuss the management of acute exacerbations of these disorders and the eligibility for and timing of intensive care unit admission; to discuss the correct timing of and eligibility for lung transplantation referral in patients with fibrotic forms that do not respond to treatment; to conduct an interactive session involving the participants through multiple-choice questions and round table discussions.

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Imaging Transplantation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Radiologist, Thoracic surgeon

Chairs : Katerina Antoniou (Heraklion, Greece), Antoine Froidure (Bruxelles, Belgium)

09:30	**Introduction** All speakers	**100**
09:35	**HRCT and new imaging modalities in the evaluation of CTD-ILDs and HP** Helmut Prosch (Wien, Austria)	**101**
09:50	**Discussion and Q&A** All speakers	**102**
10:00	**Surgical lung biopsy versus cryobiopsy in CTD-ILDs and HP: when and which procedure is preferable?** Lauren Troy (Camperdown (NSW), Australia)	**103**
10:15	**Discussion and Q&A** All speakers	**104**
10:25	**CTD-ILDs: immunomodulation, antifibrotics or both?** Catharina C. Moor (Rotterdam, Netherlands)	**105**
10:40	**Discussion and Q&A** All speakers	**106**
10:50	**Break** All speakers	**107**
11:10	**HP: immunomodulation, antifibrotics or both?** GEORGE MARGARITOPOULOS (THESSALONIKI, Greece)	**108**
11:25	**Discussion and Q&A** All speakers	**109**
11:35	**Acute deterioration of diffuse interstitial lung diseases of known cause: which patients should be admitted to an intensive care unit?** Elisabeth Bendstrup (Aarhus N, Denmark)	**110**
11:45	**Acute deterioration of diffuse interstitial lung diseases of known cause: which patients should be listed for lung transplantation?** Federica Meloni (Padova, Italy)	**111**
11:55	**Round table discussion: acute deterioration of diffuse interstitial lung diseases of known cause** All speakers	**112**
12:25	**Summary of discussion and final case remarks** All speakers	**113**
12:45	**Wrap-up** All speakers	**114**

5D Session 13 09:30 - 13:00

Postgraduate course: PG4 Interpretation of adult and paediatric pulmonary function tests
Additional registration is required for this session.

Aims : To explain the basic principles of spirometry and the importance of pattern recognition in different lung pathologies of adults and children; to highlight the complexities in interpreting paediatric lung function and how to address these; to illustrate the different techniques for assessing airway resistance and bronchial hyperreactivity; to explain the basic principles of oscillometry and its contribution to better understand lung problems in both adults and children; to provide a step-by-step guide for interpreting arterial blood gas (ABG) results.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Technical Assistant, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Guido Vagheggini (Volterra (PI), Italy)

09:30	**Effective performance of spirometry in adult and paediatric patients** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)	**115**
09:50	**Discussion and Q&A** All speakers	**116**
10:00	**Case discussion: effective performance of spirometry in adult and paediatric patients** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)	**117**
10:15	**Bronchoprovocation tests: applications in clinical practice and research** Zuzana Diamant (Groningen, Netherlands)	**118**
10:35	**Discussion and Q&A** Zuzana Diamant (Groningen, Netherlands)	**119**
11:00	**Break** All speakers	**120**
11:30	**Understanding oscillometry: from theory to practice** Robab Breyer-Kohansal (Wien, Austria)	**121**
11:50	**Discussion and Q&A** All speakers	**122**
12:00	**Case discussion: Understanding oscillometry** Robab Breyer-Kohansal (Wien, Austria)	**123**
12:15	**Systematic approach to ABG interpretation** Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands)	**124**
12:35	**Discussion and Q&A** All speakers	**125**
12:45	**Case discussion: a systematic approach to ABG interpretation** Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands)	**126**

3B Session 14 09:30 - 13:00

Postgraduate course: PG5 Managing pulmonary embolism: addressing controversies and exploring new strategies

Additional registration is required for this session.

Aims : to provide a comprehensive, evidence-based approach to the management of pulmonary embolism (PE) across the spectrum of risk stratification; to equip healthcare professionals with the latest knowledge and practical skills and thereby help to improve clinical outcomes, streamline care delivery and promote the adoption of best practices in PE management; to address the most controversial and relevant topics in the management of patients with PE through small working groups with the goal of fostering interactions between instructors and participants.

Disease(s) : Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Imaging | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory therapist

Chairs : Luis Jara-Palomares (Sevilla, Spain), Marion Delcroix (Leuven, Belgium)

09:30	**Getting off the ground: latest in PE risk stratification** David Jiménez Castro (Madrid, Spain)	**127**
09:45	**Discussion and Q&A** All speakers	**128**
09:50	**Guidelines and latest clinical trials in PE** Luis Jara-Palomares (Sevilla, Spain)	**129**
10:05	**Discussion and Q&A** All speakers	**130**
10:10	**Process and challenges associated with starting a PERT program (mock PERT call)** Parth Rali (Philadelphia, United States)	**131**
10:25	**Discussion and Q&A** All speakers	**132**
10:30	**Break** All speakers	**133**
11:00	**Case-based discussion breakouts** All speakers	**134**
11:00	**Group 1: sound waves of clarity: the transthoracic echocardiography views of significance** Olivier Sanchez (Paris, France)	**135**
11:00	**Group 2: case of intermediate-risk PE** Nesrin Öcal (Ankara, Turkey)	**136**
11:00	**Group 3: case of intermediate-risk PE with a clot in transit** David Jiménez Castro (Madrid, Spain)	**137**
11:00	**Group 4: selecting an interventional device: one side doesn't fit all** Parth Rali (Philadelphia, United States)	**138**
11:00	**Group 5: beyond the norm: exploring unique profiles of high-risk PE, including the role of the mechanical circulatory system** Luis Jara-Palomares (Sevilla, Spain)	**139**
11:00	**Group 6: post-PE dyspnoea** Laurent Godinas (Leuven, Belgium)	**140**
11:00	**Group 7: post-PE follow-up and surveillance** Francis Couturaud (Brest, France)	**141**
11:00	**Group 8: Q&A on how to operationalise PERT at your institution** Belinda Rivera-Lebron (Pittsburgh, United States)	**142**

Amtrium — Session 15 — 09:30 - 13:00

Postgraduate course: PG6 Advanced skills in non-invasive ventilatory support

Additional registration is required for this session.

Aims : to discuss the best practices in non-invasive respiratory support therapies for patients with acute and chronic respiratory failure; to review new developments in non-invasive respiratory support therapies (from high-flow nasal oxygen therapy to non-invasive ventilation).

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Medical Student, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Claudia Crimi (Catania (CT), Italy)

09:30	**Non-invasive respiratory support for acute hypoxemic respiratory failure** Speaker to be confirmed	**143**

09:50	**Discussion and Q&A** All speakers	**144**
10:00	**Non-invasive respiratory support for acute hypercapnic respiratory failure** Maria Laura Vega (Bologna, Italy)	**145**
10:20	**Discussion and Q&A** All speakers	**146**
10:30	**Strategies for enhancing non-invasive respiratory support in neuromuscular disease** Tiina Andersen (Bergen, Norway)	**147**
10:50	**Discussion and Q&A** All speakers	**148**
11:00	**Break** All speakers	**149**
11:30	**Ventilator-integrated polygraphy to titrate home mechanical ventilation : the new kid on the block?** Jesus Gonzalez (Montlignon, France)	**150**
11:50	**Discussion and Q&A** All speakers	**151**
12:00	**Group assignment** All speakers, Maria Laura Vega (Bologna, Italy), Tiina Andersen (Bergen, Norway), Jesus Gonzalez Bermejo (Montlignon, France)	**152**

Studio — Session 16 — 10:00 - 10:45

Pro-Con debate: Viral sepsis: myth or reality?

Aims : to define viral sepsis and epidemiology; to discuss viral sepsis, its pathophysiology and how it differs from bacterial and fungal sepsis, highlighting the unique immune mechanisms involved; to present key data on the epidemiology of viral sepsis, especially related to mortality; to improve diagnostic awareness and explain the immune pathogenesis; to address the diagnostic challenges and gaps in detecting viral sepsis, emphasising the underuse of viral panels in routine practice, especially during pandemics; to explore the immune mechanisms that viruses utilise to induce sepsis, including how they manipulate immune responses and trigger tissue damage; to discuss current treatment options for viral sepsis, identify areas for improvement and highlight the need for future research to refine diagnostic and therapeutic approaches.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Respiratory critical care physician, Paediatrician, Scientist (basic, translational)

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Nicolas Roche (Paris, France)

10:00	**Viral sepsis: a real threat. Unveiling the evidence behind its impact** Joseph P. Mizgerd (Wellesley, United States)	**153**
10:15	**Viral sepsis: myth or misdiagnosis? Challenging the concept of viral-induced organ dysfunction** Karl Hagman (Stockholm, Sweden)	**154**
10:30	**Discussion and Q&A** All speakers	**155**

5A — Session 17 — 10:30 - 17:15

Patient: ELF Patient Organisation Networking Day

Aims : By invitation only

Chairs : Liam Galvin (Thurles, Ireland), Louise Bouman (Piershil, Netherlands), Luca Roberti (Rome, Italy), Marion Wilkens (Gernsheim, Germany)

10:30	**Welcome and networking (in person attendees only)** Dimitris Kontopidis (ATHENS, Greece)	**156**
11:30	**Welcome to all attendees from Dimitris Kontopidis, ELF Chair** Dimitris Kontopidis (ATHENS, Greece)	**157**

11:40	**Introduction to morning session** Liam Galvin (Thurles, Ireland), Louise Bouman (Piershil, Netherlands)	**158**
11:45	**ERS President address** Silke Ryan (Dublin, Ireland), Speaker to be confirmed	**159**
11:55	**Keynote speech: Our Kids' Climate: Building parent power for clean air** Maya Mailer (, United Kingdom)	**160**
12:05	**Science Under Threat: What It Means for Patient Rights and Public Health** Speaker to be confirmed	**161**
12:15	**Panel discussion and Q&A** Maya Mailer (, United Kingdom), Liam Galvin (Thurles, Ireland), Louise Bouman (Piershil, Netherlands), Speaker to be confirmed	**162**
12:25	**Comfort break**	**163**
12:40	**Patient testimonial video** Speaker to be confirmed	**164**
12:50	**Clean Air Healthy Lives Movement** Speaker to be confirmed	**165**
13:00	**Crop Phenomenon: A Model of Persistent Advocacy to Boost Childhood Vaccination and Respiratory Health** Ghulam Mustafa (Riyadh, Saudi Arabia)	**166**
13:10	**What are patient organisations doing around the world? - Video reel** Speaker to be confirmed	**167**
13:20	**Panel discussion and Q&A** Ghulam Mustafa (Riyadh, Saudi Arabia), Liam Galvin (Thurles, Ireland), Louise Bouman (Piershil, Netherlands), Speaker to be confirmed	**168**
13:40	**Lunch break and networking**	**169**
14:40	**Introduction to afternoon session** Luca Roberti (Rome, Italy), Marion Wilkens (Gernsheim, Germany)	**170**
14:45	**WHO Lung Health Resolution & Break out group discussions** José Castro (, Switzerland)	**171**
15:35	**Plenary** José Castro (, Switzerland), Luca Roberti (Rome, Italy), Marion Wilkens (Gernsheim, Germany)	**172**
15:45	**Comfort break**	**173**
16:00	**Break out group discussions: action planning** Luca Roberti (Rome, Italy), Marion Wilkens (Gernsheim, Germany), José Castro (, Switzerland)	**174**
16:40	**Plenary** Luca Roberti (Rome, Italy), Marion Wilkens (Gernsheim, Germany), José Castro (, Switzerland)	**175**
16:55	**Congress Theme for 2026** Hilary Pinnock (Edinburgh, United Kingdom)	**176**
17:00	**10 years of ELF Patient Organisation Networking Day** Mikaela Odemyr (Järved, Sweden)	**177**
17:10	**Closing words** Dimitris Kontopidis (, Greece)	**178**

G106/107 Session 18 10:40 - 13:00

Skills workshop: SW1 SW1: Pulmonary rehabilitation: extending practice to improve health outcomes

Additional registration is required for this session.

Aims : to describe diagnostic methods and interventions that enable phenotyping of individuals based on the clinical problems experienced and tailoring the content of pulmonary rehabilitation programmes to deliver a personalised approach; to describe methods of assessing physical activity level and promoting physical activity; to assess patients who may benefit from neuromuscular electrical stimulation and to explain how to apply and progress the treatment; to describe and evaluate the incorporation of mindfulness-based interventions into pulmonary rehabilitation and their outcomes.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary rehabilitation

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Andre Nyberg (Umeå, Sweden)

10:40	**Introduction** All speakers	**179**
10:50	**Physical activity assessment and intervention** Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)	**180**
10:50	**Neuromuscular electrical stimulation: in whom and how?** Roy Meys (Heerlen, Netherlands)	**181**
10:50	**How to improve balance and reduce falls in people undergoing pulmonary rehabilitation** Lotte Janssens (Diepenbeek, Belgium)	**182**
10:50	**Implementing mindfulness interventions into pulmonary rehabilitation** Eleonora Volpato (Milano (MI), Italy)	**183**

Studio | Session 19 | 11:00 - 11:45

Pro-Con debate: Are e-cigarettes effective smoking cessation tools or public health hazards?

Pro-con debate: e-cigarettes as tools for smoking cessation

Aims : to increase knowledge through an interactive dialogue with purpose; to examine the current scientific evidence supporting and opposing the use of e-cigarettes as a smoking cessation tool; to promote critical thinking in order to encourage an unbiased, evidence-based discussion about the efficacy, safety and ethical considerations of e-cigarette use for smoking cessation; to address public health implications by exploring the broader public health ramifications of endorsing or restricting e-cigarettes for smoking cessation, including risks of youth vaping; to explore the long-term health outcomes and research gaps; to inform policy and practice by providing healthcare professionals, researchers and policymakers with up-to-date insights for decision-making regarding e-cigarette regulation and clinical recommendations; to weigh public health benefits against potential risks; to stimulate engagement among experts and the audience in order to provide perspectives, address uncertainties and highlight areas requiring further research.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Thoracic oncology

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Didier Cataldo (Liege, Belgium), Stamatoula Tsikrika (Athens, Greece)

11:00	**Pro: are e-cigarettes effective smoking cessation tools or public health hazards?** Hayden McRobbie (London, United Kingdom)	**184**
11:15	**Con: are e-cigarettes effective smoking cessation tools or public health hazards?** Aslı Görek Dilektaşlı (Bursa, Turkey)	**185**
11:30	**Discussion and Q&A** All speakers	**186**

7A | Session 20 | 11:15 - 12:45

Forum: Primary and integrated respiratory care: part 2

Global threats to respiratory health. Real challenges to improve

Aims : to address real problems of clinical management in respiratory health in primary healthcare, such as vaccine hesitancy, the impact of pollution and climate change, and inappropriate inhaler medication use, and which changes are needed and can bring great benefits to the patient and community; to explore and explain how to manage patient information regarding vaccination, antibiotic use and use of chronic versus rescue medication, thereby making doctor-patient communication more efficient with greater adherence to best practice; to identify strategies for improving respiratory health outcomes and promoting effective public health.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Respiratory physiotherapist, Journalist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom)

11:15	**Strategies for family physicians to mitigate air pollution and manage chronic respiratory conditions** Ee Ming Khoo (Kuala Lumpur, Malaysia)	**187**
11:30	**Vaccination hesitancy: major issues in daily practice** Alan Kaplan (Stouffville (ON), Canada)	**188**
11:45	**Antibiotic prescribing in primary care: emerging challenges in the context of climate change** Neda Kostova (Nijmegen, Netherlands)	**189**
12:00	**Patients' beliefs and the impact on health and the environment** María Mar Martínez Vázquez (Bilbao (Bizkaia), Spain)	**190**
12:15	**Discussion and Q&A** All speakers	**191**

Elicium 2 — Session 21 — 11:15 - 12:45

Language session: French programme 2025

A joint ERS/SPLF session

Aims : to present news in respiratory diseases; This session will be delivered in French and translated in English for the online audience.

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Paediatrician

Chairs : Claire Andrejak (Amiens, France), François-Xavier Blanc (Nantes Cedex 1, France)

11:15	**Bronchial cancer and pollution** Alexis Cortot (Lille, France)	**192**
11:25	**Recent therapeutic trials in pulmonary fibrosis** Vincent Cottin (Lyon, France)	**193**
11:35	**Therapeutic news in pulmonary arterial hypertension: impact on the management algorithm** Athénaïs Boucly (Paris, France)	**194**
11:45	**Short-course treatment of tuberculosis in children** Blandine Prévost (Paris, France)	**195**
11:55	**Low-dose prolonged anticoagulation in thromboembolic disease: what is the latest news?** Cécile Tromeur (Brest, France)	**196**
12:05	**Emergence of biotherapies in COPD.** Lucile Regard (Paris, France)	**197**
12:15	**Discussion and Q&A** All speakers	**198**

Studio — Session 22 — 13:00 - 13:25

Experts interview: Pulmonary toxicity of new oncology drugs

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

13:00	**Pulmonary toxicity of new oncology drugs** ARGYRIS TZOUVELEKIS (Patras, Greece)	**199**
13:15	**Discussion and Q&A** ARGYRIS TZOUVELEKIS (Patras, Greece), Stefano Gasparini (Ancona (AN), Italy)	**200**

Studio — Session 23 — 13:25 - 13:50

Experts interview: Complications during interventional procedures. My worst bronchoscopy ever: what went wrong and how to fix it?

Aims : to present bronchoscopy as a safe procedure and adverse events that are rare.

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

13:25	**Complications during interventional procedures. My worst bronchoscopy ever: what went wrong and how to fix it?** Stefano Gasparini (Ancona (AN), Italy)	**201**
13:40	**Discussion and Q&A** ARGYRIS TZOUVELEKIS (Patras, Greece), Stefano Gasparini (Ancona (AN), Italy)	**202**

7A — Session 24 — 14:00 - 15:00

Forum: Paediatric: part 1

Congenital malformations: diagnosis and management

Aims : to provide different perspectives on standard of care and quality of life in rare and complex congenital airway diseases; to answer open questions existing in the daily clinical life of paediatric pulmonologists, including what imaging is best and when, how should these children be treated and monitored, is surgery or a wait-and-see approach the right decision and in whom, and how should these children be followed up and what may happen in adulthood?

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Epidemiology | General respiratory patient care | Imaging

Tag(s) : Clinical

Target audience : General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Physician in Pulmonary Training, Radiologist, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

14:00	**Congenital airway malformations: rational imaging** Speaker to be confirmed	**203**
14:15	**Congenital airway malformations: prognosis and pulmonary monitoring** Christophe Delacourt (Paris, France)	**204**
14:30	**Management of lung disease in children after oesophageal atresia repair** Anastassios Koumbourlis (Washington, United States)	**205**
14:45	**Discussion and Q&A** All speakers	**206**

Elicium 2 — Session 25 — 14:00 - 15:30

Language session: Spanish/Portuguese programme 2025

Targeting infections in respiratory diseases. A joint ERS/ALAT/SBPT/SEPAR/SPP session

Aims : to review the diagnosis, management and prevention of respiratory infections in patients with respiratory diseases. This session will be delivered in Spanish and Portuguese.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Patient, Physician in Pulmonary Training

Chairs : Miriam Barrecheguren Fernandez (Barcelona, Spain), Felipe Villar Alvarez (Madrid, Spain)

14:00	**Phenotyping exacerbations in asthma and chronic obstructive pulmonary disease** Carlos José Cordeiro Lopes (Lisboa, Portugal)	**207**
14:15	**New developments in bronchiectasis** Eva Polverino (Barcelona, Spain)	**208**
14:30	**Infections in diffuse interstitial lung disease** Lorena Itzel Noriega Aguirre (Ciudad de Panamá, Panama)	**209**

14:45	**Vaccination in chronic respiratory patients** Rosemeri Maurici Da Silva (Florianópolis (SC), Brazil)	**210**
15:00	**Discussion and Q&A** All speakers	**211**

5B Session 26 14:00 - 17:30

Postgraduate course: PG7 Masterclass in chronic obstructive pulmonary disease

Additional registration is required for this session.

Aims : to provide an update on the latest findings on the pathophysiology, diagnosis, prevention and treatment of chronic obstructive pulmonary disease (COPD).

Disease(s) : Airway diseases

Method(s) : Public health Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Medical Student, Physician in Pulmonary Training

Chairs : Apostolos Bossios (Stockholm, Sweden), Efthymia Papadopoulou (Thessaloniki, Greece)

14:00	**Underlying inflammation in COPD: a complex puzzle we need to understand** Daiana Stolz (Freiburg, Germany)	**212**
14:20	**Discussion and Q&A** All speakers	**213**
14:30	**Identifying, following and addressing stable and exacerbation-prone COPD** Alexander Mathioudakis (Manchester, United Kingdom)	**214**
14:50	**Discussion and Q&A** All speakers	**215**
15:00	**Novel therapies for COPD. Targeting inflammation in the new era: how and when?** Dave Singh (Manchester, United Kingdom)	**216**
15:20	**Discussion and Q&A** All speakers	**217**
15:30	**Break** All speakers	**218**
16:00	**Improving the lives of patients with COPD by comprehensive pulmonary rehabilitation** Frits M.E. Franssen (Maastricht, Netherlands)	**219**
16:20	**Discussion and Q&A** All speakers	**220**
16:30	**Group assignment** Alexander Mathioudakis (Manchester, United Kingdom), Efthymia Papadopoulou (Thessaloniki, Greece)	**221**

5C Session 27 14:00 - 17:30

Postgraduate course: PG8 Diagnosis and management of sarcoidosis

Additional registration is required for this session.

Aims : to discuss how to diagnose pulmonary sarcoidosis using different tools, such as imaging, tissue biopsy and biomarkers, and the pitfalls during the diagnostic trajectory; to increase knowledge of cardiac sarcoidosis, which is a leading cause of mortality in sarcoidosis; to discuss how to recognise common symptoms that are not organ-specific in sarcoidosis and their potential treatment options; to provide updates on the mechanisms of possible new treatment options for sarcoidosis in the near future.

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Radiologist, Respiratory therapist

Chairs : Irina Ruxandra Strambu (Bucuresti (Sector 5), Romania), Jacobo Sellares Torres (Barcelona, Spain)

14:00	**Introduction** All speakers	**222**

14:05	**Practical aspects in diagnosis and treatment of pulmonary sarcoidosis** Florence Jeny (bobigny, France)	**223**
14:25	**Discussion and Q&A** All speakers	**224**
14:35	**Diagnosis and management of cardiac sarcoidosis: state of the (he)art** Vasileios Kouranos (London, United Kingdom)	**225**
14:55	**Discussion and Q&A** All speakers	**226**
15:05	**Break** All speakers	**227**
15:30	**Holistic approach to management in sarcoidosis: airy-fairy or necessary?** Marcel Veltkamp (De Meern, Netherlands)	**228**
15:50	**Discussion and Q&A** All speakers	**229**
16:00	**Back to basics: understanding disease mechanisms as the backbone for emerging treatment options in sarcoidosis** Antje Prasse (Hannover, Germany)	**230**
16:20	**Discussion and Q&A** All speakers	**231**
16:30	**Group assignment: clinical case discussions** All speakers, Jacobo Sellares Torres (Barcelona, Spain), Irina Ruxandra Strambu (Bucuresti (Sector 5), Romania)	**232**

5D Session 28 14:00 - 17:30

Postgraduate course: PG9 Cardiopulmonary exercise testing in clinical practice: applying the basics to understand respiratory issues

Additional registration is required for this session.

Aims : to provide an introduction on cardiopulmonary exercise testing (CPET), including the basics of interpretation, in the context of clinical respiratory practice; to discuss the different patterns of abnormalities detected by CPET in order to help clinicians utilise this testing in respiratory clinics and help with management of patients; to provide a step-by-step approach to interpretation of CPET results using worked case examples; to describe the physiological abnormalities that can be detected by CPET and how these correlate with symptoms in patients with respiratory illnesses.

Disease(s) : Airway diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic surgeon, Respiratory therapist

Chairs : James H. Hull (London, United Kingdom), Afroditi Boutou (Thessaloniki, Greece)

14:00	**What is CPET and what role does it play in a respiratory service?** Michele Schaeffer (Vancouver, Canada)	**233**
14:30	**Discussion and Q&A** All speakers	**234**
14:40	**How do you interpret a cardiopulmonary exercise test?** Hayley Lewthwaite (Merewether, Australia)	**235**
15:10	**Discussion and Q&A** All speakers	**236**
15:20	**How do you focus on the respiratory aspects of a cardiopulmonary case?** Paolo Palange (Rome, Italy)	**237**
15:50	**Discussion and Q&A** All speakers	**238**

16:00	**Break** All speakers	**239**
16:30	**Case presentations in cardiopulmonary exercise test interpretation** Pierantonio Laveneziana (Paris, France), J. Alberto Neder (Kingston (ON), Canada)	**240**

3B Session 29 14:00 - 17:30

Postgraduate course: PG10 Update on the treatment concepts for obstructive sleep apnoea

Additional registration is required for this session.

Aims : to discuss the available treatment options for obstructive sleep apnoea (OSA); to explain the indications, advantages and drawbacks of these different treatment concepts; to discuss the appropriate selection of different treatment modalities; to explain successful therapy and important outcomes of OSA treatment from the patient's and physician's perspectives.

Disease(s) : Respiratory critical care Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Esther Irene Schwarz (Zürich, Switzerland), Elisa Perger (Milano, Italy)

14:00	**Continuous positive airway pressure: implementation and follow-up strategies integrating new technologies** Manuel Sanchez De La Torre (Toledo, Spain)	**241**
14:20	**Discussion and Q&A** All speakers	**242**
14:30	**Patient selection, outcomes and current gaps for the implementation of non-continuous positive airway pressure treatments** Athanasia Pataka (Thessaloniki, Greece)	**243**
14:50	**Discussion and Q&A** All speakers	**244**
15:00	**Pharmaceutical therapies for OSA, weight loss and residual sleepiness** Dries Testelmans (Leuven, Belgium)	**245**
15:20	**Discussion and Q&A** All speakers	**246**
15:30	**Break** All speakers	**247**
16:00	**Successful therapy and important outcomes in OSA: the patient's and physician's perspectives** Stefania Redolfi (Cagliari, Italy)	**248**
16:20	**Discussion and Q&A** All speakers	**249**
16:30	**Group assignment** All speakers	**250**

Amtrium Session 30 14:00 - 17:30

Postgraduate course: PG11 Severe respiratory infections

Additional registration is required for this session.

Aims : to provide a comprehensive overview of the diagnosis and management of severe respiratory infections, addressing key challenges and advances in the field; to explain the role of non-invasive diagnostic and monitoring approaches, the appropriate use of corticosteroids and the specificities of severe infections in immunocompromised patients; to focus on the increasing recognition of invasive aspergillosis in the context of severe viral pneumonia, particularly influenza-associated pulmonary aspergillosis (IAPA) and COVID-19-associated pulmonary aspergillosis (CAPA); to emphasise evidence-based approaches and practical considerations in clinical decision-making, promoting interactive discussions and case-based learning; to integrate current knowledge into participants' clinical practice, optimise patient outcomes and engage in multidisciplinary strategies for the management of severe respiratory infections.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient

Chairs : Claire Andrejak (Amiens, France), Catia Cilloniz Campos (Barcelona, Spain), Cristina Prat Aymerich (Utrecht, Netherlands)

14:00	**Non-invasive methods in respiratory infections** Cristina Prat Aymerich (Utrecht, Netherlands)	**251**
14:20	**Discussion and Q&A** All speakers	**252**
14:30	**The role of corticosteroids in severe respiratory infections** Ignacio Martin-Loeches (Dublin, Ireland)	**253**
14:50	**Discussion and Q&A** All speakers	**254**
15:00	**Specificities of severe respiratory infections in immunocompromised patients** Guang-Shing Cheng (Seattle, United States)	**255**
15:20	**Discussion and Q&A** All speakers	**256**
15:30	**Invasive aspergillosis in patients with severe viral pneumonia (IAPA and CAPA)** Eva Van Braeckel (Ghent, Belgium)	**257**
15:50	**Discussion and Q&A** All speakers	**258**
16:00	**Break** All speakers	**259**
16:30	**Case-based discussions** All speakers, Claire Andrejak (Amiens, France)	**260**
17:00	**Multiple-choice questions** All speakers, Catia Cilloniz Campos (Barcelona, Spain)	**261**
17:10	**Discussion of controversial statements** All speakers	**262**
17:20	**Experience sharing and best practices** All speakers	**263**

E103/104 Session 31 14:00 - 17:30

Postgraduate course: PG12 Novel technologies and insights into immune-epithelial interactions in the lung

Additional registration is required for this session.

Aims : to provide examples of novel technologies and analytical tools used to study immune-epithelial interactions in the lung; to present and discuss new research findings and how these can be clinically translated as well as future research questions in this field.

Disease(s) : Airway diseases Interstitial lung diseases Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Basic science

Target audience : Clinical researcher, Scientist (basic, translational)

Chairs : Mareike Lehmann (Marburg, Germany), Antonella Dost (Utrecht, Netherlands)

14:00	**Introduction** All speakers, Antonella Dost (Utrecht, Netherlands)	**264**
14:05	**Using high-dimensional mass cytometry to uncover emphysema-associated immune changes** Padmini Khedoe (Den Haag, Netherlands)	**265**

14:25	**Discussion and Q&A** All speakers	**266**
14:35	**Understanding the role of macrophages in tissue building, injury and infection** Susanne Herold (Gießen, Germany)	**267**
14:55	**Discussion and Q&A** All speakers	**268**
15:05	**Round table discussions: experience sharing** All speakers, Antonella Dost (Utrecht, Netherlands)	**269**
15:30	**Break** All speakers	**270**
16:00	**Using big data to study immune-epithelial cell interactions** Marko Nikolic (Cambridge (Cambridgeshire), United Kingdom)	**271**
16:20	**Discussion and Q&A** All speakers	**272**
16:30	**Taking epithelial-immune interactions from bench to bedside** Ali Oender Yildirim (Neuherberg, Germany)	**273**
16:50	**Discussion and Q&A** All speakers	**274**
17:00	**Group assignment: discussion with multiple-choice questions** All speakers, Antonella Dost (Utrecht, Netherlands)	**275**

Studio — Session 32 — 14:05 - 14:50

EU project: European progress on finding SOLACE in lung cancer screening

European Union project SOLACE

Aims : to provide an update on the most recent progress of SOLACE, which is a pioneering EU4Health project under Europe's Beating Cancer Plan; to provide an update on the three on-going SOLACE implementation pilots in 11 European Union member states; to discuss the progress made in the SOLACE lung cancer screening guideline, the implementation and quality assurance package, and the related SOLACE tool box approach project.

Disease(s) : Thoracic oncology

Method(s) : Imaging Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : David Baldwin (Nottingham (Nottinghamshire), United Kingdom), Merel Hellemons (Rotterdam, Netherlands)

14:05	**SOLACE and European Union member states: recent progress in the three SOLACE implementation pilots to improve inclusion rates in lung cancer screening programmes** Joanna Chorostowska-Wynimko (Warsaw, Poland)	**276**
14:20	**Overcoming challenges and bottlenecks in implementation of lung cancer screening programmes: the SOLACE guideline project and tool box approach** Torsten Gerriet Blum (Berlin, Germany)	**277**
14:35	**Discussion and Q&A** All speakers	**278**

G106/107 — Session 33 — 14:30 - 16:50

Skills workshop: SW2 SW2: Pulmonary rehabilitation: extending practice to improve health outcomes

Additional registration is required for this session.

Aims : to describe diagnostic methods and interventions that enable phenotyping of individuals based on the clinical problems experienced and tailoring the content of pulmonary rehabilitation programmes to deliver a personalised approach; to describe methods of assessing physical activity level and promoting physical activity; to assess patients who may benefit from neuromuscular electrical stimulation and to explain how to apply and progress the treatment; to describe and evaluate the incorporation of mindfulness-based interventions into pulmonary rehabilitation and their outcomes.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Chairs : Alda Marques (Aveiro, Portugal)

14:30	**Introduction** All speakers	**279**
14:40	**Physical activity assessment and intervention** Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)	**280**
14:40	**Neuromuscular electrical stimulation: in whom and how?** Lorna Latimer (Leicester, United Kingdom)	**281**
14:40	**How to improve balance and reduce falls in people undergoing pulmonary rehabilitation** Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom)	**282**
14:40	**Implementing mindfulness interventions into pulmonary rehabilitation** Alice Malpass (Bristol, United Kingdom)	**283**

7A Session 34 15:15 - 16:15

Forum: Paediatric: part 2

Paediatric respiratory tract infections

Aims : to explain how to recognise children at high risk of respiratory infections and how to apply effective prevention strategies, including the use of new respiratory syncytial virus vaccines; to discuss the causes, early warning signs and effective treatments for severe lung infections such as pneumonia in order to reduce child mortality and complications; to discuss the evidence for the use of prophylactic antibiotics to prevent respiratory infections in children with chronic lung diseases, their impact on the microbiome and the risks of antibiotic resistance.

Disease(s) : Paediatric respiratory diseases

Method(s) : Epidemiology | General respiratory patient care | Public health

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

15:15	**Strategies for prevention of childhood respiratory infections** Louis Bont (Utrecht, Netherlands)	**284**
15:30	**Severe lung infections with potentially life-threatening consequences in children** Stefan Unger (Edinburgh (Edinburgh), United Kingdom)	**285**
15:45	**Antibiotic therapies in chronic paediatric lung diseases: evidence and impact** Valerie Waters (Toronto (ON), Canada)	**286**
16:00	**Discussion and Q&A** All speakers	**287**

7A Session 35 16:30 - 17:30

Forum: Paediatric: part 3

Prevention of respiratory diseases in children

Aims : to review European Respiratory Society advocacy activities that aim to improve the health of children; to discuss the health effects of vaping in children and how healthcare workers advocate against this new pandemic; to explain the intricate relationship between obesity and respiratory disorders; to discuss strategies to prevent and improve obesity.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Alexander Möller (Zürich, Switzerland), Deepa Patel (Leicester, United Kingdom)

16:30	**Primary prevention of paediatric lung diseases** Monika Gappa (Düsseldorf, Germany)	**288**
16:45	**Vaping: the new pandemic. What can healthcare professionals do to stop it?** Sophie Cohen (Amsterdam, Netherlands)	**289**
17:00	**Prevention of obesity-related respiratory disease** Erick Forno (Indianapolis, United States)	**290**
17:15	**Discussion and Q&A** All speakers	**291**

PS-1 Session 38 08:00 - 09:30

Poster session: Comprehensive approaches to COPD: risk, treatment and outcomes

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Public health Pulmonary function testing General respiratory patient care Epidemiology Imaging

Chairs : Duco D. Deenstra ('S-Hertogenbosch, Netherlands), Chair to be confirmed

PA293	**What people with COPD are offered a switch to lower carbon inhaler device and who is more likely to succeed in switching?** Laura Piggott (Dublin, Ireland), Emma Mcnally, Anna Francis, Andrew Cumella, Samantha Walker, Brian Kent, Grainne D'Ancona
PA294	**DRY POWDER INHALERS (DPIs) AS AN ALTERNATIVE TO PRESSURISED METERED DOSE INHALERS (pMDIs) WITH SPACER IN COPD** José Luis Izquierdo Alonso (Guadalajara, Spain), José Miguel Gonzalez Moro, Mariam De La Poza Abad, Krasimira Baynova, Francisco Javier Álvarez Gutierrez
PA295	**Erectile dysfunction and testosterone deficiency in COPD: associations with disease severity and symptoms** Ane Lopez Gonzalez (Barcelona, Spain), Cristina Aljama, Galo Granados, Beatriz Abascal, Carlos Amado Diago, Eva Cabrera, Antonia Ocaña Padilla, Alicia Marín Tapia, Laura Rodríguez Pons, Elsa Naval, Rosa Malo De Molina, Alexa Nuñez Dubon, Miriam Barrecheguren, Marc Miravitlles, Cristina Esquinas
PA296	**Systemic Immune-Inflammation Index in predicting COPD exacerbation risk could it be a new marker?: preliminary study results** Ozlem Sengoren Dikis (Mugla, Turkey), Ceren Cekeli Degirmenci, Sabri Serhan Olcay, Fulden Cantas, Hacer Aybike Toptaş, Utku Tapan, Fatih Alasan, Ozge Oral Tapan
PA297	**Impact of COPD Quality Improvement Program on improving guideline compliance in China** Kai Yang (Shenzhen, China), Dandan Chen, Fengyan Wang, Xianyong Zheng, Liying Pan, Xiangqi Chen, Hongying Yang, Lingwei Wang, Rongchang Chen
PA298	**Distribution of patient candidates for BLVR based on the presence of bilateral heterogenous or homogenous emphysema patterns on HRCT** Ahmad Raza (Philadelphia, United States), Nathaniel Marchetti, Jiji Thomas, Nicole Patlakh, Gerard Criner
PA299	**Comparison of Clinical Characteristics of Stable COPD Patients According to Taxonomy: Preliminary Results of the Study** Ozlem Sengoren Dikis (Mugla, Turkey), Irem Altan, Fatih Alasan, Fulden Candas Turkis
PA300	**The impact of sodium-glucose co-transporter-2 inhibitors on the prognosis of chronic obstructive pulmonary disease.** Kuang-Ming Liao (Tainan, Taiwan), Jheng-Yan Wu, Chih-Cheng Lai
PA301	**Variation in eligibility criteria in clinical trials of lung volume reduction surgery and endobronchial valves: a systematic review** Ebtihal Alharbi (LEICESTER, United Kingdom), Hnin Aung, Michael Steiner, Neil Greening, Thomas Ward
PA302	**Effect of evening vs. morning LAMA administration on risk of ICU admission in COPD patients according to adherence to administration timing: A Sub-Study of LAMA BY NIGHT** Pradeesh Sivapalan (Gentofte, Denmark), Anna Kubel Vognsen, Valdemar Rømer, Niklas Dyrby Johansen, Alexander G. Mathioudakis, John R. Hurst, Manan Pareek, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen
PA303	**Severe Alpha-1 antitrypsin deficiency detected via Family Screening— Are never-smokers disease-free?** Suzanne Roche (Dublin, Ireland), Daniel Fraughen, Malcolm Herron, Caitriona Breathnach, Emma Farrell, Sean Landers, Eamon Mullen, Ronan Heeney, Anne Marie O'Dowd, Rosaleen Carroll, Lucie Kirwan, Rebecca Fitzgerald, Emma Leacy, Mark Murphy, Almas Merchant, Karin Schmid-Scherzer, Florian Vafai-Tabrizi, Georg-Christian Funk, Noriane Sievi, Christian Clarenbach, Cedric Gunaratnam, Tomás Carroll, Noel Gerard Mcelvaney
PA304	**Fatigue in COPD: A Multidimensional Perspective** Zjala Ebadi (Groesbeek, Netherlands), Yvonne Goërtz, Maarten Van Herck, Marc Delsing, Chris Burtin, Bram Van Den Borst, Melissa Thong, Erik Bischoff, Jean Muris, Judith Prins, Michel Van Den Heuvel, Emiel Wouters, Daisy Janssen, Martijn Spruit, Jeannette Peters, Jan Vercoulen
PA305	**The cross-sectional area of erector spinae muscles is a predictor for 5-year all-cause mortality of COPD patients** Ming Zhang (Xi'an, China), Jin Liu, Yuer Li, Shaobo Ge
PA306	**The assessment of the risk of exacerbations in patients with COPD** Olga Corlateanu (Chisinau, Republic of Moldova), Alexandru Corlateanu, Sergiu Matcovschi

PA307	**The Frequency Of Exacerbations In Elderly Patients With COPD And Their Nutritional Status: A Multicenter Study** Ceren Cekeli Degirmenci (Ankara, Turkey), Özge Oral Tapan, Maide Gozde Inam, Aytekin Idikut, Sılam Yesilyurt, Fatih Tekin, Şerife Nur Ozturk, Muge Gencer Tuluy, Ugur Fidan, Seyma Tunc, Nazlı Cetin Beyaz, Neslihan Kose Kabil, Zeynep Yılmaz Kaya
PA308	**Relationship between transforming growth factor beta 1 (TGF beta 1) level and severity of dyspnea in stable COPD patients** Alina Babets (Dnipro, Ukraine), Daria Koval
PA309	**Comparison of STAR and GOLD in assessing disease severity among high-risk and COPD patients: evidence from Enjoying Breathing Program in China.** xingyao Tang (Beijing, China), Ke Huang, Wei Li, Minghui Shi, Jisong Yan, Yaodie Peng, Ting Yang
PA310	**Nutritional factors in the survival of COPD patients with hospital admission due to exacerbations** Marcos Zuil Martin (Zaragoza, Spain), Beatriz Borao, Berta Mañas, Miguel Ángel Santolaria, Patricia Torres, María José Planas, Ana Cristina Sanjoaquín, Antonio Sebastián
PA311	**Burden, characteristics and outcomes of COPD patients experiencing moderate or severe exacerbations on triple therapy (ANTLIA NOVELTY)** Hana Müllerová (Cambridge, United Kingdom), Xiaomeng Ma, Helen Reddel, Rosa Faner, Maarten Van Den Berge, Stephanie Christenson, Henrik Watz, João André Alves, Amit Parulekar, Sherri So, Alberto Papi
PA312	**Prevalence of poor appetite in people with COPD and relationship with clinical outcomes** Timothy O Jenkins (London, United Kingdom), Sofigaa Surendra, George Edwards, Karen Ingram, William Man

PS-10 Session 39 08:00 - 09:30

Poster session: Real-world lessons on biologic use in asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health

Chairs : Hitasha Rupani (Southampton, United Kingdom), Martina Zappa (Tradate, Italy)

PA313	**The impact of biologics on lung function parameters: a comparative analysis** Angelica Tiotiu Cepuc (Brussels, Belgium), Giuseppe Liistro, Diego Bagnasco, Fulvio Braido, Charles Pilette
PA314	**Real- world evidence of Tezepelumab for severe asthma - a retrospective multicenter cohort** Ophir Freund (Tel Aviv, Israel), Jasmin Khateeb, Mordechai Kramer, Reem Mhameed, Eviatar Naamany, Aviv Kupershmidt, Gal Elkayam, Anna Breslavsky, Dror Rosengarten, Yaniv Dotan, Ori Wand, Amir Bar-Shai
PA315	**Early and continued improvements in asthma control in patients with severe, uncontrolled asthma after tezepelumab initiation: real-world ASCENT study** Katrin Milger-Kneidinger (Munich, Germany), Del Dorscheid, Christian Gessner, Ole Hilberg, Jean-Pierre Llanos, Jonatan Nåtman, Hannah Urbanski, Deborah Clarke, Benjamin Emmanuel, Neda Stjepanovic
PA316	**The first 18 months of tezepelumab in real-life practice: Characteristics of patients commenced and efficacy in a nationwide, complete cohort of patients with severe asthma** Marianne Baastrup Soendergaard (København N, Denmark), Kjell Erik Julius Haakansson,, Susanne Hansen, Anne-Sofie Bjerrum, Johannes Martin Schmid, Sofie Lock Johansson, Linda Makowska Rasmussen, Claus Rikard Johnsen, Barbara Bonnesen, Roxana Vijdea, Anna Von Bülow, Niels Steen Krogh, Ole Hilberg, Charlotte Suppli Ulrik, Celeste Porsbjerg
PA317	**Health-related quality of life (HRQoL) in patients with severe asthma treated with mepolizumab in Arab Gulf countries** Bassam Mahboub (Dubai, United Arab Emirates), Mona Al-Ahmad, Tayseer Ibrahim, Hala Samaha, Zaid Zoumot, Fatma Huraish, Ramzi Khashkhusha, Mousa Khadadah, Sana Al Mutairi, Ahmed Helmi, Anas Adel, Saeed Noibi, Nasser Al Busaidi
PA318	**The Impact of Inhaled Corticosteroid Use on the Effectiveness of Tezepelumab in Severe Asthma** Grainne d'Ancona (London, United Kingdom), Niall Stewart-Kelcher, Alicia Piwko, Maeve Savage, Anna Mowles, Jessica Gates, Faizan Haris, Linda Green, Jodie Lam, Mariana Fernandes, Louise Thomson, Cris Roxas, Jaideep Dhariwal, Jackson David, Alexandra Nanzer
PA319	**Real world one year outcomes for severe asthma patients on tezepelumab** Lynn Elsey (Hale, United Kingdom), Holly Montgomery, Kerry Hince, Ellen Greenlees, Jenny Chan, Nita Sehgal, Yetunde Isa, Gael Tavernier, Charles Thomas Pantin
PA320	**Mepolizumab in severe asthma: Turkish real-world data from a bi-directional, self-controlled study** Sevim Bavbek (Ankara, Turkey), Arzu Yorgancioglu, Fatma Merve Tepetam, Insu Yılmaz, Kurtulus Aksu, Ozlem Goksel, Canturk Tasci, Yavuz Havlucu, V. Dilsad Mungan, Ismet Bulut, Cagcan Olmez, Ezgi Demiralp, Gabriela Abreu, Juliana Queiroz, Saeed Noibi

PA321	**A real-world study of tezepelumab in severe asthmatics of a French cohort.** Malo Bouguennec (Lyon, France), Pierre Pradat, Nathalie Freymond, Gilles Devouassoux
PA322	**Real life evidence with biologics in severe asthma in 5 years.** Cristina Barea Jimenez (Sevilla, Spain), Guadalupe Hurtado Gañan, Javier Diez Sierra, Agustin Valido Morales, Ana Gomez-Bastero Fernandez
PA323	**Response after one year of treatment with Benralizumab** Aureliano Ais-Daza (Cádiz, Spain), Sofia Gutierrez-Hernandez, Angel Carmona-Gonzalez, Isabel Castillo-Rivillas, Aurelio Arnedillo-Muñoz
PA324	**REAL LIFE EXPERIENCE AT THE INFANTA ELENA COMARCAL HOSPITAL AFTER 24 WEEKS OF TREATMENT WITH TEZEPELUMAB** Isabel Muñoz Ramirez (Sevilla, Spain), Carlos Antonio González Del Pino, Mercedes Garci-Varela Olea, Adriano Asuero Llanes, Borja Ruiz Duque
PA325	**GALERNA study: long-term evolution of exacerbations, hospitalizations and emergency room visits in patients with severe eosinophilic asthma receiving benralizumab in a real-world setting** Ismael García Moguel (Madrid, Spain), Jl Velasco-Garrido, Rocío Diaz-Campos, Jose Luis Sanchez Trincado, Javier Nuevo, Elisa Luzon
PA326	**Do biological therapies reduce emergency asthma presentations to a teaching hospital in the East of England.** Joyce Cheng, Hannah Jewitt, Sarah Harper, Memoona Younas, Karen Gibson, Ashnish Sinha, Malcolm Marquette, Sadiyah Hand
PA327	**Real world evidence of administration of biologic agents in patients with severe asthma: an analysis of the Respiratory Department of University Hospital of Patras** Ourania Papaioannou (Patras, Greece), Ioannis Christopoulos, Panagiota Tsiri, Fotios Sampsonas, Kyriakos Karkoulias, Dimosthenis Lykouras, Vasilina Sotiropoulou, Eva Theohari, Dionysios Papalexatos, Dimitrios Komninos, Antonios Christopoulos, Argyrios Tzouvelekis
PA328	**Real-world Impact of Tezepelumab in Severe Asthma: insights from the ADVANCAT Study (Advancing Severe Asthma Care with Tezepelumab in Catalonia)** Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), Maria Basagaña, Astrid Crespo, Olga Luengo, Carlos Martinez-Rivera, Mariana Muñoz-Esquerre, Marina Paredes, Iñigo Ojanguren, Xavier Munoz
PA329	**Upper airway and quality of life improvements with dupilumab treatment for severe asthma in the Danish Severe Asthma Registry** Andreas Lillieroth Bricaud (Copenhagen, Denmark), Joachim Bruun, Kjell Erik Julius Håkansson, Susanne Hansen, Marianne Baastrup Soendergaard, Anna Von Bülow, Kasper Aanæs, Ole Hilberg, Barbara Bonnesen Bertelsen, Claus Rikard Johnsen, Sofie Lock-Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Anne-Sofie Bjerrum, Charlotte Suppli Ulrik, Celeste Porsbjerg
PA330	**Eosinophilic adverse reactions associated with different biologics targeting type 2 inflammation: a disproportionality analysis of the Food and Drug Administration Adverse Event Reporting System (FAERS)** Chun Chang (Beijing, China), Xiaohan Xu, Kairui Zhang, Hanwen Zhang, Xiaohui Xie
PA331	**Gender differences in the 6-month response to tezepelumab treatment in patients with severe asthma.** Maria Lisa Baccellieri (Foggia, Italy), Pietro Magaletti, Pasquale Tondo, Donato Lacedonia, Giovanna Elisiana Carpagnano, Andrea Portacci, Ernesto Lulaj, Stella Costa, Piera Soccio, Carla Maria Irene Quarato, Maria Pia Foschino Barbaro, Giulia Scioscia
PA332	**Sex Differences in Response to Biologic Therapy for Severe Asthma** Francesca Sala (Palermo, Italy), Giuseppe Vella, Giuseppe Pirrello, Alida Benfante, Nicola Scichilone

PS-11 Session 40 08:00 - 09:30

Poster session: Environmental sustainability in the management of airway diseases: novel alpha-1 antitrypsin data and innovations in drug delivery

Disease(s) : Airway diseases Sleep and breathing disorders Respiratory critical care

Method(s) : General respiratory patient care Transplantation Public health Pulmonary function testing Physiology Epidemiology Respiratory intensive care

Chairs : Miriam Barrecheguren Fernandez (Barcelona, Spain), Kristian Brat (Brno, Czech Republic)

PA333	**Currently used metrics overestimate the environmental effects of aerosol metered dose inhalers** Gary James Connett (Southampton (Hampshire), United Kingdom), Mary Slingo, Ian Sinha, Julia Slingo

PA334	**Comparison between deposition of two dry powder aerosol drugs within the airways of patients with COPD.** Janos Tamas Varga (Budapest, Hungary), Árpád Farkas, Alpár Horváth, Izolda Réti, Norbert Ilyés, Botond Havadtői, Péter Czaun, Gabriella Gálffy
PA335	**Climate Impact of Inhalers: Patient Empowerment Drives Prescription Change** Rosemarie Vincent (Montreal, Canada), Sara Elatris, Samia Benabess, Shaainthabie Karthigesu, Isabelle Pitrou, Linda Ofiara, Emily Mcdonald, Nicole Ezer
PA336	**Optimizing COPD Management: Balancing Clinical Efficacy and Environmental Impact of Inhaled Therapies** Chung-Yu Chen (Douliou (Yunlin), Taiwan), Ling-Yu Huang
PA337	**Targeting Asthma in a Polluted World: A Single-Centre Study on the Relationship Between Air Pollution and Response to Asthma Biologic Therapy** Luca Nart (London, United Kingdom), Patrick Kerr, David Watchorn
PA338	**The grass is greener on the other side: the environmental impact of using alternative inhalers for obstructive airways disease in a UK sleep and ventilation clinic** Orestis Aniftos (London, United Kingdom), Devsaagar Thanki, Joseph Erskine, Maggie Cheung, Swapna Mandal
PA339	**Developing low carbon salbutamol MDI: assessment of pharmacodynamic bioequivalence of salbutamol with propellant HFA-152a via methacholine challenge** Dave Singh (Manchester, United Kingdom), Laura Clow, Christer Janson, Maximilian Plank, David Slade, Stephen Weng, Sebastian Moreira
PA340	**Developing low carbon MDIs to support future patient availability: effects of HFA-152a on lung mucociliary clearance** Laura Clow (Stevenage, United Kingdom), Amal Kumaran, Litza Mckenzie, Andrew Patterson, Maximilian Plank, Dave Singh, David Slade, Stephen Weng, Italo Poggesi
PA341	**Hospital inhaler waste – what are we throwing away?** Anna Murphy (Leicester (Leicestershire), United Kingdom), Georgina Ainsthorpe, Chloe Fairbrother, Gagandeep Kaur, Katie Neale, Holly Rance, Amjad Sumbal, Will Carroll
PA342	**Extrafine beclometasone/formoterol is non-inferior to budesonide/formoterol as maintenance and reliever therapy (MART) for adult asthma patients and reduces the total carbon footprint of all inhaler-related greenhouse gas (GHG) emissions.** Christine Jenkins (McMahons Point (NSW), Australia), Sanjay Ramakrishnan, Claude S Farah, Michael Crooks, Freya Tyrer, Shelly Pathak, Alexander Roussos, Cono Ariti, John Townend, Ravina Ravi, Maureen Tham, Victoria Carter, Philip G Bardin, Peter Wark, David Price
PA343	**Survey to understand Indian physicians' perspectives on the use of nebulized drugs in asthma and COPD exacerbations (NEBASCO)** Indranil Halder (Hooghly (West Bengal), India), Kripesh Sarmah, Samir Garde, Saket Sharma, Mitesh Dave, Debopam Chatterjee, Sanjiv Nair, Subhadeep Pal, Manisha Mendiratta, N Loganathan, Varsha Vaze, Ajit Magar, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay
PA344	**Augmentation Therapy in Intermediate Alpha-1 Antitrypsin Deficiency** Anna Annunziata (Napoli (NA), Italy), Raffaella Manzo, Cecilia Calabrese, Lidia Atripaldi, Francesca Simioli, Antonietta Coppola, Antonella Marotta, Giuseppe Fiorentino
PA345	**Unveiling Genetic Diversity in Alpha-1 Antitrypsin Deficiency: Case Report of Two Siblings with the Novel SERPINA1 Mutation Pi*c.236T>A** Arturo Olivares Rivera (Heidelberg, Germany), Hilal Ersöz, Philipp Höger, Martina Veith, Sandra Tielke, Julia Held, Sabina Janciauskiene, Felix Herth, Franziska Trudzinski
PA346	**Efficacy and sustainability of endoscopic lung volume reduction in patients with emphysema due to alpha-1-antitrypsin deficiency** Sandra Tielke (Oberhausen- Rheinhausen, Germany), Franziska Trudzinski, Konstantina Kontogianni, Philipp Höger, Arturo Olivares- Rivera, Hilal Ersöz, Johanna Benholz, Joachim Saur, Felix Herth, Ralf Eberhardt
PA347	**Lung transplant outcomes in in patients with alpha1-antitrypsin deficiency (a1ATD), retrospective study from two Italian lung Transplant centres.** Federica Meloni (Padova, Italy), Federica Briganti, Sara Lococo, Alberto Busetto, Federica Besenzon, Klodiana Mucaj, Eleonora Faccioli, Caterina Cuomo, Stefano Silvestrin, Monica Loy, Francesca Lunardi, Andrea Vianello, Fiorella Calabrese, Federico Rea
PA348	**Reducing oral deposition of inhaled corticosteroids with a valved holding chamber: a quantitative study** Arshan Perera (Starnberg, Germany), Rieko Kondo, Yvonne Burmeister, Kenichi Kato, Rieko Kato, Keisuke Kato, Yoichi Nakamura, Takahiko Horiguchi

PA349 **In-line aerosol nebulization with high-flow nasal cannula: a safety and feasibility study**
Matthew Dartt (Beverly Hills, United States), D'Mitri Champion, Yongyus Dejsatha, Armen Zakaryan, Russel Buhr, Arnold Fajardo, Donald Tashkin, Igor Barjaktarevic

PA350 **Drug delivery from a Metered Dose Inhaler (MDI) / Spacer delivering triple therapy and self reported observations from COPD patients following the introduction of a Spacer**
Jason Suggett (London (ON), Canada), Mark Nagel

PA351 **Evaluation of Different Spacers Available in Chile for Salbutamol Delivery in Children and Adults**
Homero Puppo (Santiago, Chile), Rodrigo Torres-Castro, Roberto Vera-Uribe, Luis Vasconcello-Castillo, Mark Nagel, Jason Suggett, Rob Costa

PA352 **Comparative in-vitro performance evaluation of two fluticasone furoate/ vilanterol/umeclidinium (100/25/62.5 mcg) multi-dose dry powder inhalers**
Meena Lopez (Mumbai, India), Eshita Sharma, Gopal Rajawat, Mahesh Giri, Girija Masugade, Shilpa Chorge, Vrinda Mhapsekar, Sonali Vartak, Rushika Shah, Kapileswar Swain, Senthilnathan M, Jaideep Gogtay

PS-12 Session 41 08:00 - 09:30

Poster session: Airway disease exacerbations under the microscope

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology Respiratory intensive care General respiratory patient care Public health

Chairs : Sanjay Ramakrishnan (Nedlands, Australia), Frederik Trinkmann (Heidelberg, Germany)

PA353 **Evaluation of Exacerbation Severity in Patients with COPD Exacerbations According to the GOLD 2023 Report: Prospective, Multicenter, Real-Life Study**
Halil Ibrahim Yakar (Tokat, Turkey), Gülistan Karadeniz, Tevfik Ozlu, Akın Kaya, Erdogan Cetinkaya, Tarkan Ozdemir, Umran Toru Erbay, Ozlem Sengoren Dikis, Dildar Duman, Osman Demir, Gökhan Aykun, Sedef Sule Bozkır, Sebnem Emine Parspur, Melike Demir, Murat Kavas, Utku Tapan, Handan Inonu Koseoglu, Ahmet Cemal Pazarlı, Burcu Babaoğlu Elkhatroushi, Hüseyin Yıldırım, Deniz Dogan Mulazımoglu, Ensar Cihat Emiroğlu, Zeynep Betul Ozcan, Irem Aras

PA354 **Assessing the Feasibility of pMDI and Jet Nebulization for Bronchodilator Delivery in AECOPD Patients on NIV: A Randomized Pilot Trial**
Vishal Raj (Panipat, India), Dhruva Chaudhry, Pawan Kumar Singh, Anchal Jain, Aman Ahuja, Jyothi Geetha Mohankumar

PA355 **Effect of add-on doxofylline on symptom improvement in severe COPD exacerbation: a randomized controlled trial**
Nathaorn Phuangsombut (Pathum Thani, Thailand), Pitchayapa Ruchiwit

PA356 **Patients with COPD prioritise chronic symptoms and functional impact as key outcomes in exacerbation trials**
Sachin Ananth (London, United Kingdom), Fekri Abroug, Alvar Agusti, Per Bakke, Konstantinos Bartziokas, Bianca Beghe, Andras Bikov, Thomas Bradbury, Guy Brusselle, Cordula Cadus, Courtney Coleman, Marco Contoli, Alexandru Corlateanu, Olga Corlateanu, Gerard J. Criner, Balazs Csoma, Alexander Emelyanov, Rosa Faner, Gustavo Fernandez Romero, Zeineb Hammouda, Peter Horváth, Arturo Huerta Garcia, Michael Jacobs, Christine Jenkins, Guy Joos, Olga Kharevich, Konstantinos Kostikas, Elena Lapteva, Zsofia Lazar, Joerg D. Leuppi, Carol Liddle, John Linnell, Alejandra López-Giraldo, Vanessa M. Mcdonald, Rune Nielsen, Alberto Papi, Isabel Saraiva, Galina Sergeeva, Agni Sioutkou, Pradeesh Sivapalan, Elizabeth Stovold, Hao Wang, Fuqiang Wen, Janelle Yorke, Paula R. Williamson, Jørgen Vestbo, Jens-Ulrik Jensen, Alexander G. Mathioudakis

PA357 **Association between inhaled corticosteroids and mortality in critically ill patients with AECOPD: an analysis of two observational cohorts**
Hai-Yun Dai (400016 Chongqing, China), Ming-Jin Yang, Tian-Yang Hu, Yan Zhang, Wei He, Hong-Li Xia, Jing Zeng, Xin-Yue Duan, Sin Don

PA358 **Antibiotics in exacerbations of COPD: does current practice underline the need for a personalised approach?**
Niall O'Rourke (Dublin, Ireland), Éadaoin Kinsella, Sophie Coalter, Sadhbh O'Neill, Éilis Johnson, Marissa O'Callaghan, Laura Gleeson

PA359 **Multidimensional classification for severity of exacerbations of COPD: The COPD Exacerbation BAT (Baseline, Acuity, and Trigger) conceptual model**
Hnin Aung (Leicester, United Kingdom), Kristina Vermeersch, Hamish J.C. Mcauley, Sanjay Ramakrishnan, Mustafa Abdo, Amber Beersaerts, Steven P Cass, Iwein Gyselinck, Hendrik Pott, Thomas J.C Ward, Adam Wright, Christopher E Brightling, Pierre-Régis Burgel, Marco Contoli, Frits M.E. Franssen, Arturo Huerta, Jennifer K Quint, Bernd Schmeck, Lowie E.G.W Vanfleteren, Benjamin Waschki, Henrik Watz, Mona Bafadhel, Wim Janssens, Neil J Greening, .. On Behalf Of Cicero Consortium

PA360 **Patterns of corticosteroid use in acute exacerbations of severe asthma**
Dennis Thomas (New Lambton Heights, Australia), Vanessa Mcdonald, Erin Harvey, Peter Gibson

PA361 **Pulmonary artery to aorta diameter ratio as a predicting marker of cardiovascular events in COPD**
Masataka Hirai (Kyoto, Japan), Satoshi Marumo, Hiro Ikeda, Tsuyoshi Sasada, Daiki Inoue, Motonari Fukui

PA362 **Steroid-induced hyperglycaemia in exacerbations of COPD: supporting the case for blood eosinophil-directed treatment (BET)?**
Niall O'Rourke (Dublin, Ireland), Sophie Coalter, Éadaoin Kinsella, Sadhbh O'Neill, Éilis Johnson, Marissa O'Callaghan, Laura Gleeson

PA363 **Severe Asthma Exacerbation in the ICU: Our Experience at Hospital Clínic de Barcelona.**
Marina Paredes (Barcelona, Spain), Jeisson Osorio, Elena Rodríguez, Héctor Enrique Cedillo, Alberto Garcia, Jorge Moisés, Albert Riudor, Núria Albacar, Florencia Pilia, César Picado, Iñigo Ojanguren, Ebymar Arismendi

PA364 **Real-world effectiveness of antibiotics in addition to oral corticosteroids for managing asthma exacerbations in adults**
Irene Mommers (Groningen, Netherlands), Sumaira Mubarik, Job Van Boven, Jens Bos, Maarten Bijlsma, Eelko Hak

PA365 **Characterizing exacerbations in severe asthma patients treated with tezepelumab**
Faizan Haris (London, United Kingdom), Raphael Birch, Emily Comins, Jessica Gates, Francesca Cefaloni, Paniz Khooshemehri, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Grainne D'Ancona, Alexandra M Nanzer, Jaideep Dhariwal, David J Jackson

PA366 **Ketoprofen Lysinate counteracts cigarette smoke effects in a model of airways viral infection**
Maria Ferraro (Palermo (PA), Italy), Serena Di Vincenzo, Paola Pinto, Elisabetta Pace

PA367 **Global differences in the epidemiology and exacerbations among patients with moderate-to-severe asthma**
Anna Vichiendilokkul (West Hartford, United States), Jeremiah Hwee, Justin Kwiatek, Rafael Alfonso-Cristancho, Dominic Igbelina

PA368 **Systemic EP4 agonist and Ariginase 1 therapy in influenza virus-induced asthma exacerbation**
Saeed Kolahian (Marburg, Germany), Tim Lange, Tobias Brunn, Charlotte Vetter, Konstantin Bloch, Nora Vedder, Chiel Van Geffen, Philipp Gercke

PA369 **Comparison of nebulized long-acting muscarinic antagonist (LAMA) revefenacin to short acting muscarinic antagonist (SAMA) ipratropium in COPD patients with acute respiratory failure requiring mechanical ventilation**
Joanne Bando (Santa Monica, United States), Matthew Dartt, D'Mitri Champion, Roberto Mempin, Yongyus Dejsatha, Joseph Van Vleet, Steven Chang, Oscar Estrada, Timothy Young, Russell Buhr, Donald Tashkin, Igor Barjaktarevic

PA370 **Cardiovascular events and pharmacological treatment patterns in patients with severe COPD exacerbations: A US payer perspective**
Ernesto Mayen (Cambridge, United States), Michael A Head, Nella Bieszk, Raven A Perez, Chia-Chen Teng, Taylor Tassoul, Vincent Willey

PA371 **Cost effectiveness of treating eosinophilic exacerbations of asthma and COPD with benralizumab: health economic analysis of the ABRA trial**
Sanjay Ramakrishnan (Nedlands, Australia), Stefan Peterson, Thomas Bengtsson, Richard Russell, Mona Bafadhel

PA372 **Expanded High Risk COPD Exacerbation Inclusion Criteria in a COPD Trial**
João Ferreira (Matosinhos e Leça da Palmeira, Portugal), Mohd Nubli Mustapa, Enti Spata, Jason Cooper, Mike Aylott, Jo Jerman, Wayne Brailsford, Christina Keen, Daniel Windgassen, Maria G. Belvisi, Rod Hughes

PS-13 Session 42 08:00 - 09:30

Poster session: Unlocking new pathways: emerging therapeutic targets in asthma and COPD

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Physiology | Cell and molecular biology | Pulmonary function testing | Imaging

Chairs : Ian M. Adcock (London, United Kingdom), Manali Mukherjee (Hamilton (ON), Canada)

PA373 **Ex and in vivo testing of human anti-ADAM33 oligonucleotides for novel asthma therapy**
Maria Kousetti (Southampton, United Kingdom), Io Long Chan, Charity Bei Feng Teh, Georgii Brazhnikov, Rana Abadalkareem, Christian Ottensmeier, Aiman Alzetani, Jonathan K Watts, Hans Michael Haitchi

PA374 **The relationship between asthma duration and inflammatory profiles in severe asthma**
Freda Yang (London, United Kingdom), Nazanin Zounemat-Kermani, Takehiro Hasegawa, Pankaj Bhavsar, Chloe I Bloom, Ian M Adcock, Kian Fan Chung

PA375 **Thromboxane A2, not prostaglandin D2, drives the prostanoid-mediated component of mast cell-induced constriction in human small airways**
Jesper Säfholm (Solna, Sweden), Willem Abma, Mikael Adner, Sven-Erik Dahlén, Craig Wheelock

PA376	**Comparative analysis of CAR-T cell therapies reveals IL-5 CAR-T's superior efficacy in severe asthma** Beibei Sun (Hangzhou, China), Xinyi Chen, Fang Xu, Ruiqi Zhang, Gaoying Chen, Dan Shen, Chao Zhang, Youqian Wu, Songmin Ying
PA377	**Mucosal INFλ mRNA-based immunomodulation with ETH47 confers antiviral protection from influenza A and SARS-CoV-2 in vitro and in vivo** Thomas Langenickel (Planegg, Germany), Anna Macht, Yiqi Huang, Julia Boehme, Andreas Jeron, Line Sinnathamby Reinert, Vincent Grass, Kristin Lohmer, Elke Tatjana Aristizabal-Prada, Alexandra Semmler, Eveline Babel, Wen Zhang, Andrea Wegner, Eva Lichtenegger-Hartl, Sonja Haas, Günther Hasenpusch, Steffen Meyer, Christian Dohmen, Michaela Koburg, Katharina Sohr, Søren Riis Paludan, Andreas Pichlmair, Dunja Bruder, Carsten Rudolph
PA378	**The bacterial lysate OM-85 reduces exacerbations of any origin in frequently exacerbating patients with T2- high asthma** Antonios Christopoulos (Patras, Greece), Maria/elpida Christopoulou, Maria Eleni Kasimeri, Lilia Panteli, Ioannis Christopoulos, Ioannis Moisidis
PA379	**Effects of ouabain treatment on lung function in a murine model of mixed asthma** Martina Ribeiro (São Paulo, Brazil), Maria Aparecida Oliveira, Victoria Francelino-Alves, Isabela Melhado, Andre Suaiden, Amanda Siena, Leite Jacqueline, Ricardo Oliveira-Filho, Henrique Moriya, Wothan Tavares-De-Lima, Cristoforo Scavone
PA380	**Impact of rilzabrutinib on inflammatory responses in human mast cells and eosinophils** Kai-Ting Shade (Cambridge, United States), Shin Mukai, Mustafa Qasim, Ethan Wang, Alexandra Hicks
PA381	**Early intervention of IL-5 mab attenuates EMT process and airway remodelling in asthmatic mice** Min Zhang (, China), Lei Zhao, Xue Zhang, Yanmei Lin, Maosen Dou, Lei Han, Hang Su, Jifei Wu, Yiwei Lu, Wuping Bao
PA382	**Evaluating the effectiveness between non-selective ROCK inhibitor and selective ROCK2 inhibitor in experimental model of allergic asthma in guinea pig model.** Eduard Gondáš (Martin, Slovakia), Jozef Mažerik, Matúš Dohál, Soňa Balentová, Martina Šútovská, Marta Jošková, Soňa Fraňová
PA383	**Effects Of Lippia Grata Extract in lung and cognitive alterations in an experimental model of emphysema** Ellen Pereira (Santos, Brazil), Pablo Mendonça, Beatriz Silva, Stephanie Castro, Valéria Moreira, Luan Monteiro, Adriana Zanells, Patricia Lopes, Nathália Pinheiro, Barbara Binatto, Roberta Yamaguchi, Rodrigo Ureshino, Fernanda Lopes, Lucindo Quintans-Júnior, Carolina Carvalho, José Santos, Carla Prado, Alessandra Ribeiro
PA384	**The SIRT3-AMPK pathway is response to cigarette smoke-induced mitochondrial oxidative stress to promote bronchial epithelial apoptosis, and COPD development** Hong Chen (, China), Yuan Lan, Yawan Zi, Yuezhou Zhang, Ke Liao, Huilin Yu
PA385	**Mepolizumab induces proteome changes in eosinophils from severe eosinophilic asthma** Pablo Miguéns-Suárez (Santiago de Compostela, Spain), Laura Martelo-Vidal, Sara Vázquez-Mera, Marina Blanco-Aparicio, Uxío Calvo-Alvarez, Coral González-Fernández, Mar Mosteiro-Añón, Dolores Corbacho-Abelaira, Tamara Hermida-Valverde, Christian Calvo-Henríquez, Susana B Bravo, Juan José Nieto-Fontarigo, Francisco Javier Salgado-Castro, Francisco-Javier González-Barcala
PA386	**RNA-Seq transcriptome profiling in a HDM-induced mouse model identifies gene signatures associated with asthma pathogenesis** Debora Fragni (Felino (PR), Italy), Anna Rita Pisano, Michele Bassi, Jessica Burroughs-Garcia, Matteo Storti, Gino Villetti, Daniela Miglietta
PA387	**Key Genetic Insights into Lung Cancer in COPD Patients: The Influence of GATM Mutations** samra kousar (Lahore, Pakistan)
PA388	**Oligomeric proanthocyanidin attenuates asthma severity and airway remodeling by modulating epithelial-smooth muscle cell interactions.** Xiaoning Zeng (Nanjing, China), Shengwei Gu, Yihang Gu, Yuan Ma
PA389	**A 3D-based immunofluorescence platform for characterizing COPD pathology and evaluating treatments in whole airway tissue models** Cindia Ferreira Lopes (Plan-les-Ouates, Switzerland), Jimmy Vernaz, Nicolas Simonnet, Song Huang, Bernadett Boda, Ghislaine Arib, Samuel Constant
PA390	**Altered VEGF release from airway structural cells with enhanced VEGFR3 expression in the bronchial epithelium of COPD subjects** Anna-Karin Larsson-Callerfelt (Lund, Sweden), Pia Ecke, Martin Ryde, Mathias Franzén Boger, Ellen Tufvesson, Leif Bjermer, Sukhwinder Singh Sohal, Gunilla Westergren-Thorsson
PA391	**A46G ADRB2 gene polymorphism in COPD patients in Ukraine** Alina Babets (Dnipro, Ukraine), Nataliia Sanina, Tetyana Pertseva, Tamara Turlyun

PA392	**Excessive dynamic airway collapse - CPAP treatment failure and mortality** Thomas Jones (Winchester, United Kingdom), Laura Wardle, Shyun Tiong, Tashi Playle, Rob Cowburn, Matt Quint, Kayode Adeniji

PS-14 Session 43 08:00 - 09:30

Poster session: Pulmonary function in chronic respiratory disorders

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Pulmonary function testing Pulmonary rehabilitation Physiology Epidemiology Public health Respiratory intensive care

Chairs : Marco Idzko (Wien, Austria), Chair to be confirmed

PA393	**The effect of Elexacaftor/Tezacaftor/Ivacaftor (ETI) on bronchial tapering as marker of bronchial dilatation in people with CF aged 12 above (RECOVER study)** Harm Tiddens (Rotterdam, Netherlands), Yuxin Chen, Rudolfs Latisenko, Jean-Paul Charbonnier, Karen Lester, Rachel Cregan, David Rea, Thara Persaud, Eilish Twomey, Barry Linnane, Siobhan Mcgrane, Merlijn Bonte, Punit Makani, Jonathan Dodd, Edward Mckone, Thomas Semple, Daan Caudri, Jane Davies, Paul Mcnally
PA394	**Lung function changes in children and adolescence in the LEAD general population cohort** Marie Grasl (Wien, Austria), Ahmad Karimi, Alvar Agusti, Rosa Faner, Marie-Kathrin Breyer, Robab Breyer-Kohansal
PA395	**CT-scan based analysis of thoracic muscles in alpha-1-antitrypsin deficiency patients: a cohort study** Klervi Doucet (Bordeaux, France), Julia Rubenstein, Ilyès Benlala, Marine Douillet, Arnaud Maurac, Gaël Dournes, Maéva Zysman, Pauline Henrot
PA396	**International Delphi study: Interpreting respiratory oscillometry in adults with asthma or COPD** Gregory King (Sydney (NSW), Australia), Li Ping Chung, Bruce Thompson, Omar Usmani, Salman Siddiqui, Ronald Dandurand, Monica Kraft, Claude Farah
PA397	**Prevalence of small airways obstruction (SAO) in post TB COPD patients: An Observational Indian multicentric study** Deesha Ghorpade (Pune (Maharashtra), India), Suhas Bardapurkar, Shreehas Bardapurkar, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Kalpesh Panchal, Nm Aleemuddin, Jaymohan Unnithan, Anil Kumar Singh, Parthasarathi Bhattacharyya, Goli M Venkata Kasiram, Sonia Dalal, Gayathri Malkapuram, Vishlavath Bhaskar, Abhinav Bhosale, Mahendra Kumar Gupta, Vaibhav Kubal, Huda Shamim, Nandagopal Velayuthaswamy, Srikanth Krishnamurthy, Nagarajan Srinivasan, Sapna Madas, Abhishek Sabale, Ruby Swami, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Rushika Shah, Sujata Chauthmal, Sundeep Salvi
PA398	**Addressing Gaps in Inhalation QC in Forced Spirometry Maneuvers** Benoit Cuyvers (Leuven, Belgium), Diana Teixeira E Silva, Paul Desbordes, Kevin Mccarthy, Todd Lustine, Carl Mottram, Jeroen Berrevoets, Marko Topalovic
PA399	**Pulmonary Function Patterns Across Different COPD Phenotypes : A Correlation Analysis** Maethawee Kiatpanabhikul (Bangkok, Thailand), Worawan Sirichana, Nareerat Sae-Eaw
PA400	**Respiratory Phenotypes in Young Adults** Xènia Carrizosa (Barcelona, Spain), Rosa Faner, Ciro Casanova, Fatima Crispi, David Díaz, Luís González, Carolina Gotera, Amanda Iglesias, José Luís Izquierdo, José María Marín, Diego Morena, Rommy H. Novoa, Andrea Ocaña, Sergi Pascual, Sabina Perelló, Ana Priegue, Cristina Represas, David Sanz-Rubio, Antoni Siso, Marc Vila, Àlvar Agustí, P4copd Study Group
PA401	**Lung function deficits in healthy young and old smokers and in COPD subjects.** Ellen Tufvesson (Lund, Sweden), Linnea Jarenbäck, Abir Nasr, Georgia Papapostolou, Jaro Ankerst, Leif Bjermer
PA402	**Dose-Response Ratio (RDR) Outperforms -lgPC100 in Predicting Airway Hyperresponsiveness: Correlations with Lung Function and Mucus Pathology in Murine Asthma Models** Wuping Bao (Shanghai, China), Yanmei Lin, Yiting Wu, Lei Zhao, Jifei Wu, Min Zhang
PA403	**LOSS OF LUNG FUNCTION AT 5 YEARS IN PATIENTS WITH ASTHMA: DECLIVEMS STUDY.** Maria Luisa Polonio Gonzalez (sevilla, Spain), Javier Diez Sierra, Antonio León Lloreda, Belen Muñoz Sanchez, David Echavarria Kashmiri, Marta Ferrer Galvan, Maria Auxiladora Romero Falcon, Francisco Javier Gutierrez Alvarez, Juan Francisco Medina Gallardo
PA404	**The Relationship Between Physical Function, Peripheral Muscle Stiffness, and Inspiratory Muscle Strength in Critically Ill Patients** Hatice KARABULUT (Istanbul, Turkey), Saadet Ufuk Yurdalan, Hakan Parlak, Nurgul Durustkan Elbası, Gul Deniz Yılmaz Yelvar, Ozge Ecem Senel, Burcu Işıkcı, Hande Caglıyan

PA405	**Body Mass Index and Pediatric Asthma: Does Weight Influence Lung Function More Than Symptoms?** Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Nour Ben Mrad, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine
PA406	**Small airway dysfunction in mild asthma: associations with impaired lung function, bronchodilator responsiveness, reduced control, and clinical characteristics.** Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Alex Lima, Rachna Goburdhun, Christine Topham, Mona Bafadhel
PA407	**Comparative Analysis of Airway Resistance in PRISm Using Spirometry and Impulse Oscillometry** Parakkal Sukumaran (Kottayam (Kerala), India), P T Shamna, P Rekha, R Anuja, M Midhun
PA408	**Airway Collapse and Hyperinflation in the Non-Specific Pattern of Lung Function** Yosra Abdelhedi (tunis, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Nour Ben Mrad, Saloua Ben Khamsa Jameleddine
PA409	**X-linked dominant FLNA-associated emphysema: clinical heterogeneity in female family members over 5 generations** Franziska Vocht (Köln, Germany), Sarah Stanzel, Melanie Berger, Wolfram Windisch
PA411	**Does exposure to secondhand-smoke on beaches cause respiratory effects? A systematic review** Cristina Fioravanti (roma, Italy), Martina Barnabei, Martina Antinozzi, Roberto Boffi, Ario Alberto Ruprecht, Giovanni Inciso, Lorella Beretta, Maria Caterina Staccioli, Maria Sofia Cattaruzza
PA412	**Predictive Factors of Severe COPD Exacerbation** Hend Ouertani (Tunis, Tunisia), Feriel Ben Soltana, Emna Ben Jemai, Maroua Abbassi, Tasnim Djebali, Haifa Zaibi, Jihene Ben Amar

PS-15 Session 44 08:00 - 09:30

Poster session: Clinical aspects in obstructive respiratory disorders

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Imaging Physiology Epidemiology Public health Cell and molecular biology Pulmonary function testing General respiratory patient care

Chairs : Santi Nolasco (Catania, Italy)

PA413	**Study of detection of emphysema lesions by Dynamic Digital Radiography** takashi oki (itabashi-ku. tokyo, Japan), Yasuhiro Gon, Yu Kozu, Yoshiko Nakagawa, Kenji Mizumura, Shuichiro Maruoka
PA414	**HIV infection and risk of COPD: a two-sample Mendelian randomization study** Yuanjie Li (Chengdu, China), Yaoxi Chen, Yuan Wang, Zhixin Qiu
PA415	**Distinct roles of oral hygiene status on asthma and COPD: A nationwide study using medical checkup data in Korea** Taewoo Kim (Seoul, Republic of Korea), Myung Jae Park, Kyoung-Hee Sohn
PA416	**Differences in 129Xe MRI VDP using K-means, linear-binning and threshold approaches** Eveline Durom (London, Canada), Ali Mozaffaripour, Alexander Matheson, Jonathan Rayment, Rachel Eddy, Sarah Svenningsen, Grace Parraga
PA417	**The effect of living environmental factors on chronic lung disease in Chinese middle-aged and older adults: A cross-sectional and Longitudinal Study** Yanmei Feng (Chongqing, China), Wei Qin, Youjing Yang, Fengjie Tang, Xi Chen, Qihuan Ma, Rui Guo, Shasha Tao
PA418	**Association of Circulating Polymers of Z Alpha-1 Antitrypsin with Lung Diffusion in Adults with PiZ Alpha-1 Antitrypsin Deficiency** Arafa Aboelhassan (Assiut, Egypt), Reem Alluhibi*, Nina Heyer-Chauhan, David Lomas, John Hurst
PA419	**Prevalence and risk factors of spirometric small airways disease in a general population: Data from the LEAD study** Hazim Abozid (Wien, Austria), Ahmad Karimi, Marie-Kathrin Breyer, David Kaminsky, Andre Amaral, Emiel Fm Wouters, Robab Breyer-Kohansal
PA420	**Distal airway dimensions in individuals with asthma, chronic obstruction, and bronchopulmonary dysplasia measured using inhaled aerosol.** Hugo Öhrneman (Lund, Sweden), Per Wollmer, Jakob Löndahl
PA421	**The Precedence of Multiple Breath Nitrogen Washout Test in the Diagnosis of Dysfunctional Breathing** Asger Bødker (Aarhus C, Denmark), Mads Geert Jensen, Johannes Martin Schmid
PA422	**The association between cardiometabolic index with all-cause mortality and chronic obstructive pulmonary disease in adults aged 45 years and above: based on the NHANES 2013–2020** Pan Zhang (Guangzhou, China), Yuanyuan Qi, Caiyu Li, Wei Zhang, Shaofeng Zhan

PA423	**COPD Burden of disease from 2017 to 2022: analysis of 44260 hospitalization in the Italian Apulian region.** Paola Pierucci (Bari, Italy), Emanuela Resta, Giusi Graziano, Chiara Noviello, Giacomo Riformato, Silvio Tafuri
PA424	**Post-COVID-19 and Airway Hyperresponsiveness: Insights from Methacholine Challenge Testing** Muhammad Azaizah (Kfar saba, Israel)
PA425	**The relationships between thickness of erector spinae and symptoms or lung function in smokers with and without COPD** Katarzyna Mycroft-Rzeszotarska (Warszawa, Poland), Joanna Żuchowska, Kaja Pulik, Iga Ciesielska-Markowska, Piotr Korczyński, Katarzyna Górska
PA426	**Causes of death in patients with COPD and matched comparators from 1983-2018** Melina Gade Sikjær (Egå, Denmark), Ole Hilberg, Rikke Ibsen, Anders Løkke
PA427	**Prognostic patterns and phenotypes of wheezing in adults** Richard Ssegonja (Uppsala, Sweden), Emil Ekbom, Andrei Malinovschi, Össur Ingi Emilsson, Ane Johannessen, Thorarinn Gislason, Mathias Holm, Vivi Schlünssen, Rain Jõgi, Lars Modig, Christer Janson
PA428	**Focusing on FEV1 or Peak Expiratory Flow variability for diagnostic certainty in the severe asthma cohort with negative or unreliable bronchodilator responsiveness testing** Anne-Marie Sweeney (Dublin, Ireland), Eleanor Cronin, Avril Mcneilis, Cormac Mccarthy, Alessandro Franciosi
PA429	**Implementation of the ACT and CAT Questionnaires by Respiratory Specialists** M. Hashim Khan (Mississauga, Canada), Nikki Breede
PA430	**An audit of inpatient inhaler prescribing habits on a respiratory ward** Max Newton (London, United Kingdom), Amina Jama, Bruno Tanushi, Kingchun Tso, Ketan Patel
PA431	**A novel dual-branch CNN architecture for explainable feature agnostic predictions in asthma** Ollie Pitts (London, United Kingdom), Rossella Arcucci, Anand Shah, Alex Bell, Chris Brightling, Dave Singh, Janwillem Kocks, Leonardo Fabbri, Alberto Papi, Klaus Rabe, Maarten Van Den Berge, Craig Galban, Monica Kraft, Salman Siddiqui
PA432	**COPD physiology may impact spirometry acceptability** James Dean (Holmes Chapel, United Kingdom), Anthony Dean, Dave Singh

PS-16 Session 45 08:00 - 09:30

Poster session: Clinical relevance of biomarkers in COPD

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing General respiratory patient care Public health Pulmonary rehabilitation Epidemiology Imaging

Chairs : Shawn Aaron (Ottawa (ON), Canada), Mustafa Abdo (Kiel, Germany)

PA433	**Integrating CAPTURE with blood biomarkers and chronic bronchitis history to identify COPD requiring treatment** Jinping Zheng (Guangzhou (Guangdong), China), Yun Li, Zhenyu Liang, Feifei Huang, Tao Ye, Yi Gao, Rongchang Chen, Paul W. Jones
PA434	**Title: Eosinophil Count and FEV1 in Severe versus Moderate Alpha-1 Antitrypsin Deficiency** caitriona breathnach (Drogheda, Ireland), Rebecca Fitzgerald, Suzanne Roche, Sean Landers, Emma Farrell, Eamon Mullen, Rosaleen Carroll, Ronan Heeney, Emma Leacy, Mark Murphy, Tomas Carroll, Noel Gerard Mcelvaney
PA435	**Prospective Biomarkers in Patients with Exacerbation of Chronic Obstructive Pulmonary Disease** Christian Philip Rønn (København Ø, Denmark), Ruth Frikke-Schmidt, Jens Goetze, Therese Lapperre, Karin Ambruster, Christina Christoffersen, Jon Wilcke, Charlotte Suppli, Tor Biering-Sørensen, Alexander Mathioudakis, Jørgen Vestbo, Pradeesh Sivapalan, Jens-Ulrik Jensen
PA436	**Erythrocyte electron transport system activity in COPD: metabolic changes and disease progression** Davron Muminov (Tashkent, Uzbekistan), Botir Daminov
PA437	**Serum Z-polymerisation and respiratory outcomes in alpha-1 antitrypsin deficiency** Joshua De Soyza (Birmingham, United Kingdom), Daniella A Spittle, Paul Ellis, Alice M Turner
PA438	**Eosinophils, exacerbation history, and BMI as significant predictors of acute COPD exacerbations?** Rainer Gloeckl (Schoenau am Koenigssee, Germany), Klaus Kenn, Daniela Kroll, Tessa Schneeberger, Inga Jarosch, Michael Wittenberg, Paul Schmidt, Paul Jones, Claus Vogelmeier, Rembert Koczulla
PA439	**Serum matrix metalloproteinase 7 is associated with chronic airflow limitation** Anna Sivander (Falun, Sweden), Anders Larsson, Maria Hårdstedt, Christer Janson, Andrei Malinovschi

PA440	**Inflammatory markers in alpha-1 antitrypsin deficiency: does the neutrophil-to-lymphocyte ratio play a role in this condition?** Marina de la Escosura Muñoz (Pamplona, Spain), Pablo Sanchez-Salcedo, Maria Borda Rodríguez, Iranzu Zahino Lasheras, Ana Jose Martin Serrablo, Carlos Idoate Domenech, Sergio Miguel Curi Chercoles
PA441	**Blood eosinophils as a marker of CVD in COPD patients** Martina Zappa (Tradate, Italy), Marco Vanetti, Patrizia Pignatti, Francesco Ardesi, Alessia Cremonini, Dina Visca, Fabio Angeli, Antonio Spanevello
PA442	**Exhaled Volatile Organic Compounds as Novel Biomarkers for Early Detection of COPD, Asthma, and PRISm: A Cross-Sectional Study** Jiaxin Tian (Shanghai, China), Qiurui Zhang, Minhua Peng, Leixin Guo, Qianqian Zhao, Wei Lin, Wei Lin, Sitong Chen, Xuefei Liu, Simin Xie, Pengnan Fan, Yijie Li, Junqi Wang, Wenxin Wu, Jin Cao, Ping Wang, Min Zhou
PA443	**Diaphragmatic Dysfunction and Systemic Leukotrienes: Exploring the Connection in Chronic Obstructive Pulmonary Disease.** Warda Jelassi (Tunis, Tunisia), Abir Hedhli, Khadija Euchi, Sana Cheikhrouhou, Yacine Ouahchi, Meriem Mjid, Sonia Toujani, Besma Dhahri
PA444	**Homocysteine as prognostic biomarker for increased inflammatory responses in chronic obstructive pulmonary disease** Elnorahon Abduganieva (Tashkent, Uzbekistan), Irina Liverko, Shaxnoza Kuchkarova
PA445	**Evaluation And Correlation Of CRP And Procalcitonin Levels Among Patients In Stable Phase Of COPD And Patients With AECOPD** Magdy Shohdy (Cairo, Egypt), Ismail Atyia, Abdelhamid Tawakol
PA446	**Neutrophil-to-Lymphocyte Ratio: a new biomarker for stable COPD?** Marco Vanetti (TRAVEDONA MONATE, Italy), Francesco Ardesi, Martina Zappa, Rosella Centis, Samuele Molgora, Davide Re Fraschini, Patriza Pignatti, Dina Visca, Leonardo Michele Fabbri, Antonio Spanevello
PA447	**Dynamics of cobalt content in patients with COPD against the background of progression of bronchial obstruction** Alla Zuban (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Mariana Kulynych-Miskiv, Kostyantun Schwets, Iryna Makoida, Olha Molodovets
PA448	**Uric acid as laboratory indicator of Chronic Kidney Disease in Chronic Obstructive Pulmonary Disease** Elena Borissova (Pleven, Bulgaria), Snezhanka Ivankovska, Plamen Pavlov, Pavlina Glogovska
PA449	**A simple index for predicting mucus plugs (SIMP) in patients with COPD** Alejandro A Diaz (Arlington, United States), Ruchita Borgaonkar, Sofia K. Mettler, Andrew Yen, Scott Grumley, Sushilkumar Sonavane, Carrie L. Pistenmaa, Pietro Nardelli, Raul San José Estépar, Wei Wang
PA450	**Assessment of small airways function in eosinophilic preserved ratio impaired spirometry** Tianran Zhou (Shanghai, China), Jian Guo
PA451	**Connection between markers of local and systemic inflammation in stable COPD** Alina Babets (Dnipro, Ukraine), Bohdana Basina, Lyudmila Konopkina
PA452	**BCMA are elevated and correlate with smoke exposure in patients with chronic obstructive pulmonary disease** Lijuan Gao (Chengdu, China), Tiwei Miao, Lian Liu

PS-17 Session 46 08:00 - 09:30

Poster session: Chronic cough

Disease(s) : Airway diseases

Method(s) : Epidemiology Endoscopy and interventional pulmonology General respiratory patient care Physiology Pulmonary function testing

Chairs : Federico Lavorini (Firenze (FI), Italy)

PA453	**Automated Cough Counting Algorithm for Chronic Cough: Accelerating Clinical Development** João Ferreira (Matosinhos e Leça da Palmeira, Portugal), Olga Slizovskaia, Xavier Favory, Dino Oglic, Zach Brohawn, Jacky Smith, Philip Teare, Maria G. Belvisi
PA454	**Numerical rating scale in chronic cough** Katie Rhatigan (Denmark Hill, United Kingdom), Ewan C Mackay, Ewan C Mackay, Richard D Turner, Richard D Turner, Caroline J Jolley, Caroline J Jolley, Katherine J Myall, Katherine J Myall, James H Hull, Surinder S Birring, Surinder S Birring, Peter S P Cho, Peter S P Cho

PA455	**Validation of a new automated cough monitoring device: results of a pilot study** Nuno Neuparth (, Portugal), Pedro Carreiro-Martins, Iolanda Caires, Paula Leiria-Pinto, Gonçalo Cordeiro-Ferreira, Luís Novais, Ricardo Afonso
PA456	**Trajectories of chronic cough in older adults and their associations with airway diseases** Sebastian Riemann (Ghent, Belgium), Yiannis De Meersman, Arfan M. Ikram, Guy Brusselle
PA457	**Experimentally evoked sensations in Refractory Chronic Cough** Jenny King (Manchester (Greater Manchester), United Kingdom), Bashar Alsheklly, James Wingfield Digby, Shannon Galgani, Rachel Dockry, Kimberly Holt, Joanne Mitchell, Paul Marsden, Jaclyn Smith
PA458	**Risk Factors for Cough Syncope: The Role of Refractory Chronic Cough and Obesity** Jiung Jeong (Daegu, Republic of Korea), Woo-Jung Song
PA459	**Generalizability of Randomised Controlled Trial Eligibility Criteria in Refractory Chronic Cough** Mustafaa Wahab (Hamilton, Canada), Elena Kum, Danica Brister, Nermin Diab, Wafa Hassan, Caitlin Obminski, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Sue Beaudin, Kieran Killian, Kimberly Holt, Jacky Smith, Roma Sehmi, Gail Gauvreau, Paul O'Byrne, Imran Satia
PA460	**Diagnostic Pathway in Chronic Cough: A Qualitative Study of Patient Experience** Ewan Mackay (London, United Kingdom), Katherine Rhatigan, Richard D Turner, Caroline J Jolley, Katherine J Myall, James H Hull, Surinder S Birring, Peter S P Cho
PA461	**Automated cough identification in chronic cough from real-world recordings by a custom machine learning algorithm** Tom deLaubenfels (Marietta, United States), Richard Powers, Jason Kroh, Adrian Marinovich
PA462	**Objectively quantifying the burden of cough bouts in chronic and subacute cough** Tom deLaubenfels (Marietta, United States), Richard Powers, Jason Kroh, Adrian Marinovich, Allison Sees
PA463	**Chronic bronchitis risk factors and outcomes in a multinational cohort** Nicole Robertson (Baltimore, United States), Mingling Yang, Arun Sharma, Santa Das, Bruce Kirenga, Patricia Alupo, Trishul Siddharthan, Suzanne Pollard, Oscar Flores-Flores, John Hurst, Robert Wise, William Checkley
PA464	**Effectiveness of non-pharmacological approaches in the management of refractory chronic cough: a systematic review and meta-analysis of clinical trials** Fares Qtaishat (Amman, Jordan), Ahmad AlKayyat, Mohammad-Amer A. Tamimi, Bara M. Hammadeh, Adham Musa
PA465	**Chronic Cough: Clinical and Treatment Practice Features** Silam Yesilyurt (Ankara, Turkey), Ahmet Ugur Demir, Ebru Damadoglu, Ali Fuat Kalyoncu
PA466	**Comparison of statistical methods for analyzing cough frequency in a trial of refractory chronic cough** Elena Kum (Hamilton, Canada), Nermin Diab, Danica Brister, Mustafaa Wahab, Wafa Hassan, Kimberley Holt, Jaclyn Smith, Paul O'Byrne, Gregory Pond, Imran Satia
PA467	**Oscillometry Parameters of a Patient Cohort Evaluated in a Tertiary Center** Ivan Cherrez-Ojeda (Guayaquil, Ecuador), Juan Calderón Soriano, Jorge Salgado, Gabriela Rodas-Valero, Karla Robles-Velasco, Sebastian Pacheco, Ronald Dandurand
PA468	**Correlations between patient-reported outcomes and objective cough frequency: insights from longitudinal monitoring using a novel digital device** Julia Gomez Camblor (San Francisco, United States), Mitja Alge, Jacob Devine, Paula Belloni, Alexander Duschau-Wicke
PA469	**Azithromycin and continuous cough monitoring: an open-label trial** Dominic Sykes (Hull, United Kingdom), Kayleigh Brindle, Rohan Menon, Simon P Hart, Jennifer Nielsen, Mengru Zhang, Warren Jackson, John Gallagher, Elisabeth Kirton, Alyn H Morice, Michael G Crooks, Mindaugas Galvosas, Peter Small, Matthew Rudd, Lola Jover
PA470	**Assessment of fractional exhaled nitric oxide (FeNO) knowledge and usage across LATAM countries** Ireri Isadora Thirion Romero (Coyoacan, Mexico), Gustavo I Centeno-Saenz, Ivan Cherrez-Ojeda, Rodrigo Torres-Castro, Rodrigo Del Rio-Hidalgo, Wilmer Madrid-Mejía
PA471	**Double-blind crossover randomised controlled trial of inhalation challenge in assessment of inducible laryngeal obstruction (ILO)** Jemma Haines (Wilmslow (Cheshire), United Kingdom), Maria G Belvisi, Eric C Dubuis, Rachel J Dockry, Kim Holt, Janelle Yorke, Stephen J Fowler, Jacky A Smith
PA472	**Validation of a cough-based alert system for COPD exacerbations** Alyn Morice (Cottingham, United Kingdom), Mike Crooks, Susannah Thackray-Nocera, Okke Ouweltjes, Ronald Rietman, Albertus Den Brinker

PS-18 Session 47 08:00 - 09:30

Poster session: Recent advances in the management and treatment of airways disease

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Transplantation Cell and molecular biology

Chairs : Gert-Jan Braunstahl (Rotterdam, Netherlands), Astrid Aardenburg - van Huisstede (Alkmaar, Netherlands)

PA473	**Online recorded patient reported outcome measures in the Severe Heterogeneous Asthma Research Collaboration Patient-centered (SHARP) registry could provide information for early assessment of response to biologics in patients with severe asthma** Valentyna Yasinska (Rönninge, Sweden), Oksana Tenselius, Dominique Hamerlijnck, Aruna T Bansal, Kristina Bieksiene, Claudia Chaves Loureiro, Diogo Canhoto, Sanja Hromis, Sabina Skrgat, Peter Kopac, Mariana Paula Rezelj, Anneke Ten Brinke, Barbro Dahlén, Michael Hyland, Jacob Sont, Joseph Lanario, Matthew Masoli
PA474	**Psychometric validation of the Asthma Daytime/Nighttime Symptom Diary (ADSD/ANSD) in a phase 2 trial with adults with moderate-to-severe uncontrolled asthma** Renata Martincova (Praha, Czech Republic), Mattea Orsini, Nathan Clarke, George Skingley, James Brookes, Hermione Blackwood, Rebecca Williams-Hall, Jessica Middlehurst, Jessica Flynn, Jane Wells
PA475	**Updates in the clinical practice of SEVERE ASTHMA Latin American Thoracic Society-ALAT** Ana Maria Stok (San Miguel de Tucumán, Argentina), Ignacio Zabert, Gabriel García, Carmen Cano, Patricia Fernandez, Felicia Montero, Natalia García, Carlos Celis, Agustin Acuña Izcaray, Marcia Pizzichini, Juan Carlos Vazquez, Miguel Bergna, Abraham Ali Munive, Zunino Sergio, Renato Casanova, Maria Parada, Martin Maillo, Ricardo Figuereido, Lorena Noriega, Marcos Hernandez, Miguel Antunez, Maria Alfaro Coto, Lilian Ballini, Fernando Vera, Audrey Piotrostanalzki, Isabel Villanueva, Lucia Fernandez, Erika Lopez Estrada, Paulina Trujillo, Oscar Benitez
PA476	**Hormone replacement therapy and late-onset asthma: A 15-year cohort study of 1.7 million menopausal women** Fatima Almaghrabi (Manchester, United Kingdom), Bright Nwaru, Aziz Sheikh, Syed Ahmar Shah
PA477	**Real-world outcomes after 2 years of dupilumab therapy for severe asthma: the ProVENT study** Henrik Watz (Ahrensburg, Germany), Marek Lommatzsch, Stephanie Korn, Olaf Schmidt, Hartmut Timmermann, Monika Gappa, Xavier Soler, Olivier Ledanois, Nicole Nischan, Matthias Hahn, Andreas Heimann
PA478	**Baseline characteristics of patients with asthma initiating dupilumab in the real-world REVEAL registry** Mona Al-Ahmad (Kuwait, Kuwait), Jorge F. Maspero, Rand Arnaout, Andrey S. Belevskiy, Leslie Vargas-Ramírez, Hassan Mobayed, Bassam Mahboub, Carla Irani, Amir Bar-Shai, Mariko S. Koh, Jason Chao, Sherif Zaghloul, Xavier Soler, Jennifer Dewhurst
PA479	**Efficacy and safety of add-on dupilumab vs inhaled corticosteroid (ICS) dose escalation in patients with asthma uncontrolled on medium-dose ICS/long-acting β2-agonist (LABA) – AIM4: Next Step study** Mena Soliman (Markham, Canada), William W. Busse, Melissa Iammatteo, Njira L. Lugogo, Leonard B. Bacharier, O'Byrne Paul, Arnaud Bourdin, Rohit Katial, Giselle S. Mosnaim, Anju T. Peters, Stephanie Korn, Changming Xia, Olivier Ledanois, Antonio Martin, Harry J. Sacks, Yamo Deniz
PA480	**Reduction of Inhaled Corticosteroids After Biologic Therapy Initiation in Severe Asthma: Prevalence and Impact in the German Severe Asthma Registry** Slagjana Stoshikj (Wien, Austria), Andreas Renner, Christoph Krall, Christina Bal, Katrin Milger, Christian Schulz, Margret Jandl, Rainer Ehmann, Olaf Schmidt, Roland Buhl, Eckard Hamelmann, Christian Taube, Dirk Skowasch, Stephanie Korn, Marco Idzko
PA481	**Clinical Remission in severe asthma with biologic treatment in a portuguese Severe Asthma Multidisciplinary Unit (SAMU)** Ana Patrícia Soares Trindade (Lisboa, Portugal), Maria João Lúcio, Inês Barreto, Henrique Cabrita, Inês Silva, Estrella Gregorio, Ana Mendes, Carlos Lopes
PA482	**Clinical Remission in Patients with Asthma treated with Triple Inhalation Therapy: Post-hoc Evaluation of TRIMARAN and TRIGGER RCTs** Giorgio Walter Canonica (Milano (MI), Italy), Dave Singh, Alberto Papi, Guy Bruselle, Alessio Piraino, Ulrica Scaffidi-Argentina, Laura Franzini, Andrea Vele, Gemzel Hernandez, J. Christian Virchow
PA483	**Should Omalizumab Therapy Be Discontinued?** Ezgi Akkus (Antalya, Turkey), Busra Gungor, Elif Busra Obek, Sultan Burcak Kara, Zehra Okdem, Ozkan Yetkin
PA484	**Phase 1 study of TQC2731 targeting thymic stromal lymphopoietin in Chinese healthy adults and asthma patients** Xin Tian (Zhengzhou, China), Ruijuan Liu, Lizhen Zhang, Li Mei, Ding Yu, Anqi Yang
PA485	**The Combined Impact of Omalizumab and Allergen Immunotherapy (AIT) in Severe Asthma.** Laura Lopes (Coimbra, Portugal), Cláudia Chaves Loureiro

PA486	**Mepolizumab is efficacious in COPD patients with varying levels of airflow obstruction: Pooled Phase III trial results** David M. G. Halpin (Exeter, United Kingdom), Jean Bourbeau, Meilan K. Han, Jinping Zheng, Joel Schamroth, Bhabita Mayer, Steven Gould, Surya P. Bhatt
PA487	**Mepolizumab reduces exacerbations and improves quality of life in COPD irrespective of severe exacerbation history: Pooled Phase III trial results** Alberto Papi (Cona, Ferrara, Italy), Stefanie A. Christenson, Darcy D. Marciniuk, Henrik Watz, Ting Yang, Joel Schamroth, Bhabita Mayer, Steven Gould, Gerard J. Criner
PA488	**Indirect treatment comparison (ITC) of mepolizumab and dupilumab in treating COPD** Jean Bourbeau (Montréal (QC), Canada), Jeff Min, Stefanie Kolterer, Shibing Yang, Matthias Hunger, Xuan Wang, Mona Bafadhel
PA489	**Impact of adherence to sublingual grass pollen allergen immunotherapy on allergy medication use in patients with allergic rhinoconjunctivitis** Morten Borg (Ry, Denmark), Ole Hilberg, Rikke Ibsen, Anders Løkke
PA490	**Efficacy of hypertonic saline nasal irrigation in allergic rhinitis: a systematic review and meta-analysis** Nishtha Singh (Jaipur (Rajasthan), India), Arvind Sharma, Udaiveer Singh, Virendra Singh
PA491	**Hyperosmolar Therapy with Xylitol vs Placebo in the Treatment of Allergic Rhinitis: Results of a Double-Blind Placebo-Controlled Study** Artemii Bogomolov (Vinnytsia, Ukraine), Sergii Zaikov, Mykola Gumeniuk
PA492	**Agonism of TRPM8 Alleviates Cough Responses to Inhaled Allyl Isothiocyanate (AITC) in Patients with Allergic Rhinitis** Yang Yang (P.R.China, Guangzhou city, Guangdong province, China), Yu Fu, Zhangfu Fang, Jiaxing Xie, Kefang Lai

PS-19 Session 48 08:00 - 09:30

Poster session: Role of diet, obesity, physical activity, smoking and socioeconomic status in respiratory health

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Physiology

Chairs : Vanessa Garcia-Larsen (Baltimore, United States), Howraman Meteran (Hvidovre, Denmark)

PA493	**Alcohol consumption and comorbidities in COPD: The role of disease severity in a population-based study** Line Bjerrehave Nielsen (Aalborg, Denmark), Signe Juul Riddersholm, Ulla Møller Weinreich
PA494	**Adherence to Mediterranean diet and severe asthma control: A multi-center cross-sectional study in Greece** Maria Sfika (Athens, Greece), Maria-Iosifina Kasdagli, Konstantinos Bartziokas, Nikoletta Kosmidou, Evangelia Fouka, Konsatntinos Porpodis, Nikoleta Bizymi, Katerina Antoniou, Nikolaos Tzanakis, Chrysoula Kontogianni, Konstantinos Samitas, Eleftherios Zervas, Christina Aggelopoulou, Konstantinos Exarchos, Athina Gogali, Konstantinos Kostikas, Labrini Kontopoulou, Ourania Kotsiou, Niki Papapostolou, Michael Makris, Miltiadis Markatos, Stelios Vittorakis, Maria Kipourou, Konstantinos Katsoulis, Emmanouil Antonakis, Ilias Papanikolaou, Savvas Katsaridis, Paschalis Steiropoulos, Eleni Tzortzaki, Georgia Papaiakovou, Nikoletta Rovina, Androniki Naska, Stylianos Loukides, Petros Bakakos
PA495	**Does diet modify the effects of air pollution on lung function? A large cross-sectional study** Pimpika Kaewsri (Leicester, United Kingdom), Samuel Cai, Frank Dudbridge, Janet Cade, Kees De Hoogh, Anna L Hansell
PA496	**Plant-based diets and the incidence of asthma symptoms in the NutriNet-Santé cohort** Arthur Junior Guets Dombou (Paris, France), Emilie Pacheco Da Silva, Benjamin Allès, Orianne Dumas, Léopold Fezeu, Nicole Le Moual, Julia Baudry, Mathilde Touvier, Serge Hercberg, Emmanuelle Kesse-Guyot, Raphaëlle Varraso
PA497	**Healthy diet is associated with better lung function, especially in individuals with asthma or COPD** Arturo Fermin Martinez Rodriguez (Groningen, Netherlands), Maaike De Vries, Eva Corpeleijn, Judith M. Vonk
PA498	**Dietary patterns and asthma incidence in adult population. Systematic review and meta-analysis.** Javier Errasti Viader (Pamplona (Navarra), Spain), Miguel Angel Martinez Gonzalez, Arantza Campo Ezquibela, Maira Bes Rastrollo
PA499	**Association between mediterranean diet and the incidence of adult onset asthma in the SUN project: a Spanish prospective cohort study.** Javier Errasti Viader (Pamplona (Navarra), Spain), Miguel Angel Martinez Gonzalez, Arantza Campo Ezquibela, Maira Bes Rastrollo
PA500	**Physical inactivity, obesity and pain in relation to asthma control in adult-onset asthma** Helena Backman (Lulea, Sweden), Sofia Winsa Lindmark, Linnea Hedman, Eva Rönmark, Viktor Strandkvist

PA501	**Obesity and respiratory health in women undergoing breast cancer surgery** Sofia Winsa Lindmark (Luleå, Sweden), Caroline Stridsman, Linnea Hedman, Nikolai Stenfors, Jenny Nilsson, Anne Lindberg, Eva Rönmark, Helena Backman, Tomi Myrberg
PA502	**Total body visceral fat and its association with lung health : observations from a community health survey.** Sapna Madas (Pune (Maharashtra), India), Monica Barne, Vandana Das, Monika Dhawale, Ashfaque Shaikh, Asmita Gaikwad, Sanskruti Kale, Vishwas Darekar, Abhishek Sabale, Sundeep Salvi
PA503	**Fat free mass index in multiparametric assesment of stable COPD patients: FODEPOC study** Daniel López Padilla (Madrid, Spain), Tamara Alonso Pérez, Rosa Malo De Molina, Raúl Moreno Zabaleta, Nuria Arenas Valls, Leonardo Saldaña, Gianna Fiona Vargas, Elena García Castillo
PA504	**UNVEILING THE HIDDEN BURDEN: THE OVERLOOKED ROLE OF BODY COMPOSITION IN COPD** Thalita Soares (Rio de Janeiro, Brazil), Michelle Cailleaux, Gabriel Leitão, Lucas Melo, Ryan Mendoza, Ricardo Duarte, Fernanda Mello, Alexandre Cardoso
PA505	**Weight change and adult-onset asthma in western Sweden** Reshed Abohalaka (Göteborg, Sweden), Selin Ercan, Pinja Ilmarinen, Helena Backman, Linda Ekerljung, Madeleine Rådinger, Bright Nwaru, Hannu Kankaanranta
PA506	**Low Vitamin K Status and Risk of Chronic Obstructive Pulmonary Disease. A post-hoc analysis of two observational studies | Data from the CODEX-P and DanFunD study.** Pradeesh Sivapalan (Gentofte, Denmark), Daniel Alexander Ackermann, Allan Linneberg, Ema Rastoder, Anna Kubel Vognsen, Anne Ahrendt Bjerregaard, Lennart Friis-Hansen, Niklas Rye Jørgensen, Caroline Hedsund, Niklas Dyrby Johansen, Daniel Modin, Maria Dons, Mats C. Højbjerg Lassen, Kristoffer Grundtvig Skaarup, Ditte Vesterlev, Mia Moberg, Julie Janner, Josefin Eklöf, Lars Pedersen, Elisabeth Bendstrup, Christian B. Laursen, Jørn Carlsen, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen
PA507	**Incarcerated Patients in Pulmonology: A Hidden Population with an Elevated Lung Cancer Risk** Fatma Tokgöz Akyil (Istanbul, Turkey), Gülfidan Aras, Çiğdem Sabancı, Sida Gösterici, Hanife Şahin, Muzaffer Metin
PA508	**Prevalence of smoking and diagnosis of chronic respiratory diseases in social minorities: The INSPIRE Program** Robson Prudente (Botucatu (SP), Brazil), Marília Machado, Amanda Mendonça, Beatriz Correa, Bianca Costa, Bruno Barioni, Danilo Ferrari, Estefânia Franço, Felipe Silva, Flávio Vinícius Xavier, Gabriel Artiga, Giovana Holouka, Gustavo Hruschka, Gustavo Rios, Ícaro Lopes, Ígor Júnior Costa, Ivana Aguiar, Jéssica Geronutti, Jonathas Morais, Karen Miyamoto, Letícia Ishimoto, Liana Coelho, Luís Fernando Brizola, Maercio Santos, Mariana Dorna, Matheus Callegari, Pâmela Dourado, Talita Cezare, Vinícius Gonçales, Vinícius Maehara, Fernando Houguin, Irma Godoy, Juan Wisnivesky, Marc Miravitlles, Marina Okoshi, Thomas Schreck, Erica Hasimoto, Suzana Tanni
PA509	**The role of neighbourhood-level sociodemographic and socioeconomic characteristics on the physical activity of people with COPD** Roger Vásquez-Andrade (Barcelona, Spain), Laura Delgado-Ortiz, Ane Arbillaga-Etxarri, Elena Gimeno-Santos, Eva Balcells, Nuria Celorrio, Jordi Vilaró, Diego Rodríguez-Charadía, Robert Rodríguez-Roisin, Pere Simonet, Pere Vall-Casas, Judith Garcia-Aymerich
PA510	**Sociodemographic Profile and Clinical Outcomes in Bronchiectasis** Okan Gürbüz (Adana, Turkey), Efraim Güzel, Bengu Cürük Gürbüz, Oya Baydar Toprak
PA511	**Reporting of participant ethnicity and socioeconomic status in high impact respiratory journals: A targeted literature review** Ishani Kenny (London, United Kingdom), Caitlin Meechan, Georgia Hopley, Rachel Snow, Arjun Menon, Diana David, Natasha Manuelpillai, Obada Kattan, Keir E J Philip
PA512	**Impact of Financial Incentives on Greener Inhaler Prescribing: A Retrospective Observational Study Using National Primary Care Data in England** Aleksandra Ola Howell (Oxford, United Kingdom), Matthew Jones, Anita Mcgrogan

PS-2 Session 49 08:00 - 09:30

Poster session: Moving more: physical activity and lifestyle in chronic lung disease

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Pulmonary rehabilitation Pulmonary function testing Cell and molecular biology General respiratory patient care Public health Physiology

Chairs : Stéphanie Saxer (St. Gallen, Switzerland), Chair to be confirmed

PA513	**One step closer: Which elements of pulmonary rehabilitation (PR) improve physical activity in COPD? Component network meta-analysis** Mark Orme, James Manifield, Lorna Latimer, Enya Daynes, Suzanne Freeman, Sarah Ward, Muhammed Haris, Majda Bakali, Sophie Reap, Mamoon Iqbal, Lin Wang, Akash Mavilakandy, Aarinola Olaiya, Hnin Aung, Theresa Harvey-Dunstan, Maxine Whelan, Sally Singh, Neil Greening, Rachael Evans, Michael Steiner, Alex Sutton, Thomas Ward
PA514	**Marching to a different beat: validity and reliability of the BeatClearWalker app to support walking exercise using music** Omar Alhothaly (Leicester, United Kingdom), Linzy Houchen-Wolloff, Mark Dunlop, Sally J. Singh, Mark W Orme
PA515	**Physical activity in adults with severe asthma on-treatment with biological therapies: a one-year retrospective study** Oliver Price (Leeds, United Kingdom), Caroline Reilly, Antonios Stavropoulos-Kalinoglou, Daniel Peckham, Ian Clifton
PA516	**The experience of pulmonary rehabilitation (PR) lay health workers trained in behaviour change techniques to promote uptake and completion of PR in the IMPROVE trial** Riddhi Daryanani (London, United Kingdom), Gill Gilworth, Rebecca Mackenzie, Benjamin Odin, Natalie King, Jessica Kawalek, Emma Godfrey, Arietta Spinou, Katherine Harris, Simon Lewin, Patrick T White
PA517	**The relationship between physical activity and exercise capacity in severe asthma** James Manifield (Leicester, United Kingdom), Fiza Akhter, Rachael A Evans, Mark W Orme, Sally J Singh
PA518	**Intensity is in the eye of the beholder: A qualitative photovoice study of physical activity intensity in COPD** Phoebe H I Lloyd-Evans (Leicester, United Kingdom), Dominic Malcolm, Sally J Singh, Alex V Rowlands, Emma Chaplin, Sarah Ward, Mark W Orme
PA519	**The relationship between physical activity and exercise capacity in adults after COVID-19: One-Year outcomes post-hospital** Lin Wang (Leicester, United Kingdom), James Manifield, Sally Singh, Claire Lawson, Thomas Yates, Rachael Evans
PA520	**CHILDREN AND ADOLESCENTS DIAGNOSED WITH CYSTIC FIBROSIS EXHIBIT REDUCED PARTICIPATION IN SCHOOL AND COMMUNITY ACTIVITIES** Fernanda C. Lanza (Belo Horizonte, Brazil), Alexânia Oliveira, Marina Rodrigues, Brenda Villas-Boas, Thayrine Damasceno, Maria Eduarda Martins, Raquel Annoni
PA521	**Effects of aerobic training versus behavioral intervention to increase physical activity in people with asthma: a RCT** David Halen Araújo Pinheiro (São Paulo, Brazil), Fabiano Francisco De Lima, Ronaldo Aparecido Da Silva, Vitoria Zacarias Cervera, Yan Anderson Pires De Oliveira, Juliana M. B. Santos, Bruhna Schwambach, Cibele Cristine B. Marques Da Silva, Alfredo José Da Fonseca, Nemer Luis Pichara, Regina Maria Carvalho-Pinto, Celso R. F Carvalho
PA522	**Absolutely, it's all relative: Comparing changes in absolute and relative intensity physical activity (PA) following pulmonary rehabilitation (PR) in low-middle-income countries** Phoebe H I Lloyd-Evans (Leicester, United Kingdom), Alex V Rowlands, Winceslaus Katagira, Akila Jayamaha, Bruce J Kirenga, Savithri Wimalasekera, Pauline Ndagire, Chamilya Perera, Dominic Malcolm, Sally J Singh, Mark W Orme
PA523	**A systematic review of adherence to recommended physical activity at home in adults with Chronic Obstructive Pulmonary Disease (COPD) after initial pulmonary rehabilitation** Priyanka Aggarwal (Edinburgh, United Kingdom), Zhong Eric Chen
PA524	**The trajectory of cancer-related fatigue throughout lung cancer treatment and its association with physical activity** Francesca Van Hulle (Ledeberg, Belgium), Eva Arents, Kirsten Quadflieg, Sarah Haesevoets, Fien Hermans, Maarten Criel, David Ruttens, Eric Derom, Marc Daenen, Martijn A. Spruit, Veerle Surmont, Dieter Stevens, Chris Burtin, Heleen Demeyer
PA525	**Pulmonary Rehabilitation Outcomes in Relation to the Nutritional Status of Patients with Chronic Obstructive Pulmonary Disease** Davorka Mursic (Zagreb, Croatia), Tajana Jalusic Gluncic, Erim Besic, Ivona Markelic, Miroslav Samarzija, Andrea Vukic Dugac
PA526	**Assessing lifestyle goal setting in patients with COPD** Charlotte Born (Maastricht, Netherlands), Imke Muijrers, Lieke Van Iersel, Lisanne Schuurman, Rik Crutzen, Sanne Gerards, Sami Simons, Harry Gosker, Ardy Van Helvoort, Annemie Schols, Rosanne Beijers
PA527	**What is the impact of a specialist respiratory dietetic outpatient service?** Rasleen Kahai (London, United Kingdom)
PA528	**A Systematic Review of Physical Activity Guidelines for Adults with Cardiorespiratory Diseases: Stepping Towards Evidence-Based Recommendations** Eda Tonga (Leicester, United Kingdom), Rachael A Evans, Hannah Worboys, Sally J Singh, G. Andre G. Andre Ng, Thomas Yates

PA529	**Exploring gut microbial dysbiosis and the effect of prebiotic fibers in COPD** Rosanne J.H.C.G. Beijers (Maastricht, Netherlands), Lieke E.J. Iersel, Sami O. Simons, Lisanne T. Schuurman, Sudarshan A. Shetty, Guus Roeselers, Ardy Van Helvoort, Annemie M.W.J. Schols, Harry R. Gosker
PA530	**Understanding COPD mechanisms: An integrative systems medicine approach and insights into pulmonary rehabilitation outcomes** Anupama Dubey (New Delhi, India), Md. Shamim Akhtar, Umesh C.S. Yadav
PA531	**Acute effect of whole-body electrical stimulation on femoral blood flow in patients with Heart Failure** Audrey Borghi Silva (São Carlos (SP), Brazil), Patrícia Camargo, Paula Ricci, Flávia Caruso, Nelson Serrão, Guilherme Back, Meliza Roscani
PA532	**Development of a Standardised Pulmonary Rehabilitation (PuRe) Pack Across Multiple Centres in Asia: A Collaborative Approach to Enhance Respiratory Care** Soo Chin Chan (Kuala Lumpur, Malaysia), Jayakayatri Jeevajothi Nathan1, Harishah Halim, Julia Patrick Engkasan, Nik Sherina Hanafi, Anmol Kaur Manjit Singh, Dipali Dhamdhere, Sushil Singh, Diksha Singh, Dhiraj Agarwal, Biswajit Paul, Paul Jebaraj, Shadrack Ravindra, Monsur Habib, Nazim Uzzaman, Fatim Tahirah Mirza, Vicky Hammersley, Sian Williams, Ee Ming Khoo, Roberto Rabinovich, Hilary Pinnock

PS-20 Session 50 08:00 - 09:30

Poster session: Occupational impact on COPD, lung function and obstructive sleep apnoea syndrome

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders | Thoracic oncology

Method(s) : Public health | Epidemiology | Imaging | Pulmonary function testing | Physiology | General respiratory patient care

Chairs : Orianne Dumas (Villejuif, France), Nicola Murgia (Ferrara, Italy)

PA533	**Evaluation of Small Airway Involvement in Wind Instrument Musicians** Eda Köroglu (Istanbul, Turkey), Nejdiye Güngördü, Safiye Meryem Şimbil, Uğurcan Sayılı, Bilun Gemicioğlu
PA534	**Unraveling the respiratory predicament among conch shell artisans engaged at informal sector in India** Debanjan Chakraborty (Howrah, India), Subhashis Sahu
PA535	**Work-related outcomes in COPD** Jordan Minov (Skopje, North Macedonia), Sasho Stoleski, Dragan Mijakoski
PA536	**Occupational exposure and incidence of respiratory outcomes: a 18-year follow-up** Sara Maio (Pisa (PI), Italy), Giuseppe Sarno, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Giovanni Viegi, Stefania Massari, Claudio Gariazzo, Annibale Biggeri, Dolores Catelan, Sandra Baldacci
PA537	**Occupational exposures and the risk of chronic airflow obstruction later in life: preliminary results** Valentina Quintero Santofimio (London, United Kingdom), James Potts, Hans Kromhout, Jo Feary, Andre Amaral
PA538	**OCCUPATION AND COPD: A POPULATION-BASED COHORT STUDY IN NORWAY** Lisa Aarhus (Oslo, Norway), Øivind Skare, Karl-Christian Nordby, Anne Gulsvik, Sigrid Vikfjord, Linnea Hedmann, Arnulf Langhammer
PA539	**Association of occupational and traffic exposures with chronic bronchitis** Giuseppe Sarno (Pisa (PI), Italy), Sandra Baldacci, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Giovanni Viegi, Stefania Massari, Claudio Gariazzo, Annibale Biggeri, Dolores Catelan, Sara Maio
PA540	**Respiratory and Multimorbidity Analysis in 2450 Traffic Police Personnel in Bengaluru City** Ravindra M Mehta (Bangalore (Karnataka), India), Sameer Bansal, Rohit Vadala, Benin Rajesh, Anmol Thorbole, Hariprasad Kalpakam
PA541	**Pulmonary Function Tests among Firefighters- Longitudinal Study** Hiba Abdelkareem (Jerusalem, Israel), Gabriel Izbicki, Nissim Arish, Yael Batan, Ilan Mitchnik, George Kalak, Amir Jarjoui, Nader Abdelrahman, Chen Chen-Shuali, Hava Azulai, Ariel Rokach
PA542	**Epidemiological study of respiratory pathologies in the workplace: Focus on specialized occupational pathology consultations** Nouha Ben arbia (nabeul, Tunisia), Nouha Ben arbia, Naouraz Ben Fatma, Meriem Mersni, Ghada Bahri, Siwar Chemingui, Dorra Brahim, Mejda Bani, Souraya Fenniche, Nizar Laadhari
PA543	**Women's work: occupational lung disease in women in SWORD, 1996 – 2024** Ruth Wiggans (Manchester (Greater Manchester), United Kingdom), Laura Byrne, Zipporah Iheozor-Ejiofor, Georgia Mchale, Melanie Carder, Matthew Gittins, David Fishwick, Martie Van-Tongeren, Jennifer Hoyle

PA544 **Effect of using race-blinded vs. race-specific spirometry prediction equations in a WTC occupational cohort**
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Jonathan Weber, John T. Doucette, Juan C. Celedón

PA545 **Quantitative CT markers of chronic lung disease in WTC workers with accelerated FEV1 decline**
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Raúl San José Estépar, Jonathan Weber, John T. Doucette, James C. Ross, Juan C. Celedón

PA546 **Screening for obstructive sleep apnea syndrome among healthcare staff in the occupational medicine department at a university hospital in Tunisia.**
Asma Chouchane (sousse, Tunisia), Yassmine Tebourbi, Marwa Bouhoula, Imène Kacem, Wiem Ben Abdejlil, Asma Knaz, Baraa Ben Bdira, Manel Makhloufi, Asma Aloui, Maher Maoua, Aicha Brahem, Houda Kalboussi, Olfa Elmaalel, Souheil Chatti

PA547 **Association of obstructive sleep apnoea with occupational accidents in rotating night shift textile workers**
Recep Can Uysal (İzmir, Turkey), Ozan Kaan Konak, Zehra Nur Toreyin, Ozen K. Basoglu

PA548 **Late Breaking Abstract - Association between chronotypes and comorbidities in Obstructive Sleep Apnea: Age effect**
Vassilis Vlahakos (ATHENS, Greece), N Athanasiou, A Karapiperi, P Galanis, M Chrysanthidis, C Klamenakou, E Giorgi, S Andrioti, M Georgakopoulou, E Vagiakis, P Steiropoulos, G Trakada

PA549 **Evaluation of Airway Impairment Due to Volatile Organic Compounds in Histology, Pathology, and Anatomy Laboratory Workers Using Impulse Oscillometry**
Enes Furkan Aykaç (Istanbul, Turkey), Nejdiye Gungordu, Bilun Gemicioglu, Hazal Cansu Çulpan

PA550 **Exposure to scented products in indoor environments and respiratory symptoms: a university staff survey**
Despo Ierodiakonou (NICOSIA, Cyprus), Olesia Verstiuk, Sotiroulla Panteli, Demos Alekkou, Ourania Kolokotroni, Andrie G. Panayiotou, Panayiotis Kouis, Panayiotis K. Yiallouros, Antonios Christodoulakis, Izolde Bouloukaki, Ioanna Tsiligianni

PA551 **INHALATION(I) INJURY OF THE LUNGS AS A RESULT OF EXPOSURE TO COMBAT POISONS (P)**
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Tetyana Pertseva

PA552 **BMI is associated with elevated pulmonary artery:aorta ratio in World Trade Center (WTC) workers**
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Jonathan Weber, Anthony P. Reeves, Yunho Jeon, Raúl San José Estépar, Nizar Hadeli, Helena Schotland, John T. Doucette, Juan C. Celedón, Anna Nolan

PS-21 Session 51 08:00 - 09:30

Poster session: What's new in paediatric respiratory physiology and diagnostic testing?

Disease(s) : Interstitial lung diseases Airway diseases Pulmonary vascular diseases

Method(s) : Pulmonary function testing Endoscopy and interventional pulmonology Physiology General respiratory patient care Imaging Epidemiology Public health

Chairs : Shannon Simpson (Perth (WA), Australia)

PA553 **Airwave oscillometry at diagnosis in paediatric asthma**
Alexandra Mundell (London, United Kingdom), Laura Healy, Liam Whipday, Ran Wang, Miriam Bennett, Lisa Wilmore, Stephen J Fowler, Angela Simpson, Clare S Murray

PA554 **Evaluating impulse oscillometry for respiratory assessment and management in children with neuromuscular diseases**
ECE OCAK (IZMIR, Turkey), Gökçen Kartal Özturk, Yavuz Ataş, Ece Haliz, Bahar Girgin Dindar, Fevziye Çoksüer, Meral Barlık, Mehmet Mustafa Özaslan, Atacan Öğütçü, Seda Kanmaz, Sanem Yılmaz, Esen Demir, Hasan Tekgül, Figen Gülen

PA555 **Assessing Within-Breath Oscillometry for Airway Changes in Children with Exercise-Induced Symptoms**
Mario Barreto (Roma (RM), Italy), Martina Cerocchi, Matteo Fracasso, Amalia A. Sepe, Maria Casale, Flaminia Ambrosini, Francesco Guglielmi, Melania Evangelisti, Jacopo Pagani, Pasquale Parisi

PA556 **Is paediatric inducible laryngeal obstruction (ILO) a breathing pattern disorder?**
Cameron Clark (Sheffield, United Kingdom), Ugonna Kelechi, Nicki Barker, Jane Kirkby, Ravi Thevasagayam

PA557 **Assessment of patients with pectus excavatum applying vacuum bell therapy with cardiopulmonary exercise testing**
Merve Nur Tekin (Ankara, Turkey), Gizem Ozcan, Fazılcan Zirek, Secahattin Bayav, Mukaddes Ağırtıcı, Esin Gizem Olgun, Mahmut Turğut, Seçilay Güneş, Birkan Sonel Tur, Nazan Çobanoğlu

PA558	**The Importance of Bronchoalveolar Lavage Findings in Diagnosis and Their Relationship with Radiological Findings in Pediatric Interstitial Lung Diseases: Turkey chILD National Registry Cohort Study** Aslı Imran Yılmaz (konya, Turkey), Sevgi Pekcan, Nagehan Emiralioğlu, Ebru Yalçın, Nural Kiper, Ayşe Ayzıt Kılınç, Saniye Girit, Tuğba Şişmanlar Eyüboğlu, Güzin Cinel, Yasemin Gökdemir, Berna Oğuz, Nazan Çobanoğlu, Dicle Orhan, Ela Erdem Eralp, Almula Pınar Ergenekon, Havva Ipek Demir, Raziye Atan, Fazılcan Zirek, Mervenur Tekin, Ayşe Tana Aslan, Handan Kekeç, Deniz Mavi Tortop, Yasemin Mocan Çağlar, Özge Ülgen, Abdurrahman Erdem Başaran, Azer Kılıç Başkan, Çiğdem Korkmaz, Berrak Öztosun, Figen Gülen, Hakan Yazan, Mehmet Köse, Ali Ersoy, Fatih Ercan, Hanife Tuğçe Çağlar, Zeynep Seda Uyan, Erkan Çakır, Gizem Özcan, Halime Nayır Büyükşahin, Melih Hangül
PA559	**The diagnostic utility of bronchoscopy and lipid-laden macrophages in identifying aspiration in children** Sairah Akbar (Cambridge, United Kingdom), Kathryn Kimber
PA560	**TBFVL(tidal breathing flow volume loop) finding of infants with wheezing from a tertiary care hospital from Nepal** Jagat Jeevan Ghimire (Kathmandu, Nepal), Om Kurmi, Alina Devbhandari, Shreeram Shan, Prakash Joshi, Pankaj Ray, Nisha Jyoti Shrestha, Prashil Raj Dali
PA561	**Determinants of lung function in Nepali infants of <6 weeks: a cross-sectional study** Om Prakash Kurmi (Coventry, United Kingdom), Srizana Neupane, Binod Kumar Gupta, Suman Pant, Gayathri Delanerolle, Paramjit Singh Gill, Nagendra Chaudhary
PA562	**Impedance pneumography in healthy and sick children aged between 2 and 36 months** Nicole Beydon (Paris, France), Enora Le Roux, Priscilla Boizeau, Iulia Ioan
PA563	**Comparison of three methods to derive airway dead space in health and cystic fibrosis** Mollie Riley (London, United Kingdom), Per Gustafsson, Gwyneth Davies, Paul Aurora
PA564	**Alternative methods to derive Scond from paediatric multiple breath washout** Mollie Riley (London, United Kingdom), Gwyneth Davies, Per Gustafsson, Paul Aurora
PA565	**The relationship between Haller index and Manual depth measurement with Pectus excavatum children's clinical findings and respiratory function tests** begum yoruk (istanbul, Turkey), Yasemin Mocan Çaglar, Ozge Ulgen, Sinem Can Oksay, Gulay Bilgin, Saniye Girit
PA566	**Lessons learnt from AI lung auscultation project implementation in Cape Town,South Africa** Margaret - Antoinette Van Niekerk (Cape Town, South Africa), Lise-Marie Laubscher, Abenathi Mcinziba, Sunaina Kapoor, Nadia Hoekstra, Marieke M Van Der Zalm, Eric D Mccollum
PA567	**Lung function in South African children following pulmonary tuberculosis or lower respiratory tract infection** Shaakira Chaya (Mokopane, South Africa), Leah Githinji, Zoe Franckling -smith, Kirsty Brittain, Lesley Workman, Noluntu James, Mark Nicol, Diane Gray, Heather Zar
PA568	**Impact of Fat-Free Mass Index (FFMI) and Body Mass Index (BMI) on Pulmonary Function Tests in Children with Rheumatologic Disease-Associated Interstitial Lung Disease** Aslı Imran Yılmaz (konya, Turkey), Sevgi Pekcan, Tuğba Şişmanlar Eyüboğlu, Müşerref Kasap Cüceoğlu, Ayça Burcu Kahraman, Malik Süleyman Güzel, Fatih Ercan, Hanife Tuğçe Çağlar, Fatma Nur Ayman, Suat Savaş
PA569	**Respiratory function in juvenile dermatomyositis/polymyositis: early diagnosis and follow-up** Marta Piotto (Milano, Italy), Simone Gambazza, Barbara Madini, Beatrice Andrenacci, Lucia Cerrato, Alessia Rocchi, Giovanni Filocamo, Martina Rossano, Maria Francesca Patria
PA570	**Clinical and radiological assessment of suspected inhaled foreign body in a tertiary children's hospital** Zuzanna Gebert (Edinburgh, United Kingdom), Becky Lillicrap, Florian Gahleitner, Kenneth Macleod
PA571	**Serum Thymic Stromal Lymphopoietin (TSLP) as a Biomarker in Asthma Control in Children** Jagdish Prasad Goyal (Jodhpur (Rajasthan), India), Anurag Diwakar, Prawin Kumar
PA572	**Late Breaking Abstract - The influence of body mass index on lung function development from infancy to six years of age** Malena Gwerder (Basel, Switzerland), Olga Gorlanova, Fabienne Decrue, Noëmi Künstle, Carla Rebeca Da Silva Sena, Maria Giulia Conti, Jakob Usemann, Sven Schulzke, Benjamin Stöcklin, Florian Wyler, Philipp Latzin, Urs Frey

PS-22 Session 52 08:00 - 09:30

Poster session: Pneumonia and complicated pneumonia: what's new?

Disease(s) : Pulmonary vascular diseases | Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Physiology | Epidemiology | Public health | Imaging | Pulmonary rehabilitation | Respiratory intensive care | Cell and molecular biology

Chairs : Stefan Unger (Edinburgh (Edinburgh), United Kingdom), Laura Venditto (London, United Kingdom)

PA573	**In vitro antimicrobial susceptibility of Mycoplasma pneumoniae isolates from children across China in 2023** Jinghua Cui (Beijing, China), Chao Yan, Hanqing Zhao, Guanhua Xue, Yanling Feng, Jing Yuan
PA574	**Signal pathways mediated by P1 adhesin in Mycoplasma pneumoniae infection** Hanqing Zhao (Beijing, China), Chao Yan, Jinghua Cui, Guanhua Xue, Yanling Feng, Jing Yuan
PA575	**A paediatric case of mycoplasma pneumoniae complicated by cold agglutinins-induced haemolysis and extensive thrombosis** Eman Hassanin (Leeds, United Kingdom), Alexandra Adams
PA576	**Uncommon Presentation of Pulmonary Embolism in a Child with Mycoplasma Pneumonia: Case Report** Badar Al Dhouyani (Doha, Qatar), Nadine Asir, Hadeel Al Zoubi, Ahmed Abushahin
PA577	**The role of atypical infection with Mycoplasma pneumoniae in community-acquired pneumonia in children aged 3 months – 18 years** Adelina Procopi (Chisinau, Republic of Moldova), Rodica Selevestru, Consuela Adam, Dorina Efros, Nelea Buga, Ianoș Adam, Svetlana Sciuca
PA578	**Late Breaking Abstract - Describing the burden of RSV infection and subsequent wheezing in toddlers: an international cross-sectional study** Julie Laurent (, France), Valentine Ficara, Sahar Haidar
PA579	**Effect of fibrobronchoscopic alveolar lavage combined with vibration expectoration on children with mycoplasma pneumonia** (, China), Hongjing Lin, Zeyu Qin
PA580	**Evaluating the effect of C-reactive protein point-of-care testing on antibiotic prescription in children with acute respiratory infections in Kyrgyz primary care: a randomised controlled trial** Elvira Isaeva (Bishkek, Kyrgyzstan), Azamat Akylbekov, Anja Poulsen, Nandini Sreenivasan, Joakim Bloch, Jesper Kjærgaard, Rune Aabenhus, Talant Sooronbaev
PA581	**Mortality Trends by pneumonia in Brazilian children in the last 45 years.** Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes
PA582	**Comparative Analysis of Knowledge, Attitude, and Perception Regarding Childhood Pneumonia Among Urban and Rural Populations in Pakistan** Abdul Mannan Mustafa (Multan, Pakistan), Ghulam Mustafa
PA583	**Recurrent pneumonia in a tertiary children's hospital, Malaysia** Nur Izyani Abdul Halim (Kuala Lumpur, Malaysia), Asiah Kassim, N.Fafwati Faridatul Akmar Mohamad, Shangari Kunaseelan, Shin Lam Koo, Ching Hai Lee, Fatimah Az Zaharah Suhaimi
PA584	**Breastfeeding duration and lower respiratory tract infection risk in early childhood: Findings from the Canadian Healthy Infant Longitudinal Development Study (CHILD)** Ori Goldberg (Rehovot, Israel), Maria Medeleanu, Myrtha Reyna Vargas, Meghan Azad, Elinor Simons, Stuart Turvey, Piush Mandhane, Padmaja Subbarao, Theo J Moraes
PA585	**Clinical profile and outcome of complicated community acquired pneumonia in children in the post pneumococcal vaccination era: a developing country perspective** Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Padmini Kanhar, Sunil Kumar Agarwalla
PA586	**Complicated pneumonia in children in South-East Europe: a retrospective multi-centre study** Tijana Grba (Beograd, Republic of Serbia), Elpis Hatziagorou, Alessandro Amaddeo, Guergana Petrova, Ganimeta Bakalovic, Hajnalka Szabo, Snezana Zivanovic, Gordana Vilotijevic Dautovic, Biljana Medjo, Tomo Plamenac, Mirjana Turkalj, Iva Mihatov Stefanovic, Jasna Rodman Berlot, Mojca Rozic, Tatjana Jakjovska Maretti, Natasa Opavski, Aleksandar Sovtic
PA587	**Evolution of intrapleural bleeding in pediatric empyema management : a 10-year single-center study assessing associated risk factors** Michael Deltenre (Wezembeek-Oppem, Belgium), Milena Demey, Lena Coïc, Bruce Tapiero, Sze Man Tse
PA588	**Treatment outcomes of intrapleural fibrinolytics in children with complicated community-acquired pneumonia with and without the development of necrosis** Agnieszka Strzelak (Warszawa, Poland), Karolina Opala, Magdalena Grochowska, Katarzyna Krenke
PA589	**Outcomes and Risk Factors in Paediatric Empyema** Gemma Wilson (Cambridge, United Kingdom), Fayed Sheikh, Sarah Brown, Muna Dahabreh, Kirsi Malmivaara, Chinedu Nwokoro, Caroline Pao, Abigail Whitehouse, Suren Thavagnanam

PA590 **Interest of physiotherapy care in management purulent pleurisy of children**
Cyrine Hattab (Ariana, Tunisia), Mahdi Abdennadher, Malek Masmoudi, Feriel Souissi, Khaled Menif

PA591 **Imaging in paediatric complicated community-acquired pneumonia**
Florian Gahleitner (Loanhead, United Kingdom), Bianca Van Binsbergen, Archie Wimborne, Don Urquhart, Rachael Kirkbride, Jeremy Jones, Stefan Unger

PA592 **Biomarkers for early prediction of thoracocentesis in pediatric community-acquired pneumonia**
Ori Goldberg (Rehovot, Israel), Yoel Levinsky, Yoav Vardi, Einat Shmueli, Noga Yaniv, Ben Rotschild, Ron Berant, Gili Kadmon, Meir Mei-Zahav, Dario Prais, Patrick Stafler

PS-23 Session 53 08:00 - 09:30

Poster session: Advancing paediatric lung research: epidemiology, risk factors and emerging trends

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Epidemiology Pulmonary function testing Pulmonary rehabilitation Respiratory intensive care Public health General respiratory patient care Physiology

Chairs : Olena Gruzieva (Stockholm, Sweden), Zhebin Yu (solna, Sweden)

PA593 **Timely association of RSV hospitalisation waves in children with the prevalence of SARS – CoV-2 in the general population**
Alexander Kiefer (Regensburg, Germany), Andreas Ambrosch, Benedikt Lampl, Fritz Schneble, Kai Rubarth, Stefan Dr, Matthias Keller, Michael Kabesch

PA594 **Can routine electronic health records help data collection in clinical cohort studies? The SPHN-SPAC study**
Franco Romero (Bern, Switzerland), Mari Sasaki, Eva Sophie Lunde Pedersen, Maria Christina Mallet, Anna Hartung, Phillip Latzin, Claudia E. Kuehni

PA595 **Risk factors for acute wheeze in preschool children: a population-based cohort study**
David Lo (Leicester, United Kingdom), Claire Lawson, Jonathan Broomfield, Clare Gillies, Sharmin Shabnam, Erol Gaillard, Hilary Pinnock, Jennifer Quint

PA596 **Incidence of functional respiratory disorders in pediatric population (Vinnytsia region, Ukraine)**
Kateryna Khromykh (Vinnytsia, Ukraine), Veronika Dudnyk, Tatiana Poteeva

PA597 **Physical functioning report and pulmonary function deficit in childhood acute lymphoblastic leukaemia survivors: A national cross-sectional ALL-STAR Lungs study**
Sonja Izquierdo Meyer (Aarhus N, Denmark), * A L L-S T A R Research Group, Kim Gjerum Nielsen, Sune Rubak

PA598 **The prevalence of paediatric coronavirus disease 2019-related pleural effusion: A systematic review**
Eberechukwu Ikwuanusi (Birmingham, United Kingdom), Daniel Paek, Sayanthan Balasubramaniam, Udaya Samarakkody

PA599 **E-cigarette attitude and belief scale among adolescents: validity and reliability study**
Sinem Can Oksay (İstanbul, Turkey), Gül Alpar, Gülay Bilgin, Deniz Mavi Tortop, Zeynep Rayhan Onay, Eda Gürler, Saniye Girit, Elif Dağlı

PA600 **Mortality trends by respiratory infections in South-American children between 2000 and 2019.**
Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes

PA601 **The sociodemographic and environmental risk factors of childhood pneumonia in south asia: a systematic review and meta-analysis**
Maheen Raja (Hamilton, Canada), Mehnaz Munir, Amal Khan, Zeest Kadri, Sujane Kandasamy, Om Kurmi

PA602 **Impact of outpatient therapy on bronchiolitis course in hospitalized infants**
Luigi Matera (Rome, Italy), Raffaella Nenna, Enea Bonci, Debora Valente, Laura Petrarca, Maria Giulia Conti, Enrica Mancino, Antonella Frassanito, Greta Di Mattia, Fabio Midulla

PA603 **Assessment of Adolescents' Attitudes and Beliefs Toward E-Cigarette in Türkiye: A New Scale Experience**
Sinem Can Oksay (İstanbul, Turkey), Gülay Bilgin, Eda Gürler, Deniz Mavi Tortop, Zeynep Reyhan Onay, Saniye Girit

PA604 **Externally validating paediatric pneumonia and bronchiolitis risk scores in Kenya**
Becky Gordon (West Linton, United Kingdom), Joyce Nyiro, Harish Nair, Esther Katama, Charles A. Nyaigoti, Ting Shi

PA605 **Dynamics of innate and adaptive immune cells from birth into childhood and role of respiratory tract infections**
Francine Visscher (Rotterdam, Netherlands), Menno Van Zelm, Janine Felix, Liesbeth Duijts

PA606	**Longitudinal associations between metabolomic markers in children and later lung function: the role of air pollution exposure** Shizhen He (Stockholm, Sweden), Baninia Habchi, Romanas Chaleckis, Natalia Hernandez-Pacheco, Anna Bergström, Anne-Sophie Merrit, Inger Kull, Kristina Eneroth, Göran Pershagen, Sophia Björkander, Zhebin Yu, Craig Wheelock, Susanna Klevebro, Matteo Bottai, Erik Melén, Olena Gruzieva
PA607	**Effect of adherence and other epidemiological parameters on lung mechanics change after ICS/LABA initiation in steroid-naïve asthmatic children** Christos Kogias (Thessaloniki, Greece), Athina Sopiadou, Sotirios Fouzas, Petrina Vantsi, Elisavet-Anna Chrysochoou, Maria Galogavrou, Nikolaos Gasparis, Elpis Hatziagorou
PA608	**Combined effects of preterm birth and infections on airflow limitation from childhood to young adulthood** Fredrik Larsson (Stockholm, Sweden), Petra Um-Bergström, Björn Lundberg, Sophia Björkander, Inger Kull, Anne-Sophie Merritt, Anna Bergström, Jonas F. Ludvigsson, Cecilia Pegelow Halvorsen, Susanna Klevebro, Erik Melén
PA609	**Epidemiology of childhood interstitial & diffuse lung diseases (chILD) via real-world data (RWD)** Engin L (Mölndal, Sweden), Michael Cushion, Bernadette R. Gochuico, Caroline A. Owen
PA610	**Relationship between early childhood wheezing and plasma selenium levels in maternal and umbilical cord** Tamar Bakhtadze (Batumi, Georgia), Vakhtang Beridze, Miranda Shervashidze, Nino Kiknadze, Veriko Takidze
PA611	**Lung function in perinatally HIV-infected African adolescents on antiretroviral therapy: a longitudinal prospective cohort study** Leah Githinji (Cape Town, South Africa), Nana Akua Asafu-Agyei, Diane Gray, Emma Carkeek, Nomawethu Jele, Noluntu James, Mothabisi Nyathi, Zoe-Franckling Smith, Margaretha Prins, Landon Myer, Heather Joy Zar
PA612	**Influence of different face masks on the subjective impairment of children and adolescents** Vera van Kampen (Bochum, Germany), Anne Schlegtendal, Eike Marek, Birger Jettkant, Susann Widmer, Benjamin Kendzia, Christian Eisenhawer, Adriana Talarico, Anna Hoffmann, Folke Brinkmann, Juergen Buenger, Thomas Bruening, Thomas Luecke, Julia Krabbe

PS-24 Session 54 08:00 - 09:30

Poster session: Challenges in thoracic surgery

Disease(s) : Thoracic oncology | Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : Surgery | Pulmonary rehabilitation | Imaging | General respiratory patient care | Epidemiology | Pulmonary function testing | Public health | Respiratory intensive care

Chairs : Marcello Migliore (Catania, Italy), Chair to be confirmed

PA613	**Surgical challenges and outcomes of chest wall desmoid tumors: a single institution experience** Wifek Saidani (Ariana, Tunisia), Imen Bouassida, Hazem Zribi, Hanen Smadhi, Amina Abdelkebir, Sarra Zairi, Sonia Ouerghi, Chaker Jabeur, Mehdi Abdennadher, Adel Marghli
PA614	**Oxidized regenerated cellulose reinforcement during video-assisted thoracoscopic blebectomy does not appear to prevent postoperative recurrent pneumothorax.** Masao Naruke (Tokyo, Japan), Takashi Ohtsuka
PA615	**Risk Factors for Morbidity and Mortality in Children with Congenital Diaphragmatic Hernia after Surgery** Arceli Harumi Koyama Kakazu (Don Torcuato, Tigre, Argentina), Ramiro Ortiz, Sol Canestrari, Carlos Giuseppucci, Marcelo Barrenechea, Verónica Giubergia
PA616	**Telerehabilitation's Role in Managing Postoperative Pain, Fatigue, and Anxiety in Lung Surgery** Esra Pehlivan (Istanbul, Turkey), Burcu Kılıç, Ayça Evkaya Acar, Yaman Khoraki, Sibel Gayretli Atan, Akif Turna
PA617	**Respiratory support during the surgical treatment of tracheal cicatrical stenosis** Anastasiia Sochnieva (Kharkiv, Ukraine), Valeriy Boyko, Vasyl Kritsak, Volodymir Tkachenko
PA618	**Surgical versus non-surgical management of secondary spontaneous pneumothorax: Impact on patients' outcomes** Zied Chaari (Sfax, Tunisia), Aymen Ben Ayed, Hela Alimi, Hanen Bouattour, Abdessalem Hentati, Nour Gargouri, Rahma Gargouri, Imed Frikha
PA619	**Inflammatory Pseudotumors of the Lung: 20-Year Surgical Experience** Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Ameni Ben Mansour, Amina Abdelkebir, Henda Néji, Sonia Ouerghi, Hazem Zribi, Adel Marghli
PA620	**In a large teaching hospital, are patients admitted with acute exacerbation of chronic obstructive pulmonary disease being referred for consideration of lung volume reduction surgery? A Quality Improvement Project** Madeline Charles-Rudwick (Norwich, United Kingdom), Saad Mahmood, Vasileios Kouritas, Sadiyah Hand

PA621	**Thymectomy via Minimally Invasive Techniques: Exploring Efficacy and Safety in Thymic Disorders** NIŽAR ALHUTAYLAH (riyadh, Saudi Arabia), Abdullah Bahadi, Asser Mohammed, Abdulrahim Comert, Abdulaziz Dahhan, Turki Alhawiti, Mahmoud Hashem, Ayman Arbeen, Wael Ahmed, Amal Abdelhaq, Hassan Robaidi, Waleed Saleh, Khaled Khaled, Marcello Migliore
PA622	**Management of triple-positive antiphospholipid syndrome during pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension** Bianca Battilana (Zurich, Switzerland), Simon Weber, Jakob Nilsson, Mona Lichtblau, Sascha David, Silvia Ulrich, Isabelle Opitz
PA623	**Airway obstruction by an intrathoracic goiter: An overlooked problem** Kalliopi Athanassiadi (Athens, Greece), Matilda Chroni, Konstantinos Eleftheriou, Efrosyni Dima, Stavroula Poulou, Maria Mis, Alexandros Tsompanellis, Magdalini Simou, Stylianos Mouratidis, Paraskevi Katsaounou
PA624	**Predictive Factors of Chest Drainage Failure in the First Episode of Primary Spontaneous Pneumothorax** Olfa Ben Moussa (Tunis, Tunisia), Emna Ben Jemia, Hend Ouertani, Ameni Naaroura, Yosr Ben Atig, Mohamed Sadok Boudaya, Jihene Ben Amar, Zaibi Haifa
PA625	**Should Primary Spontaneous Pneumothorax Be Considered Secondary in Cannabis Smokers?** Emna Benjemia (Tunis, Tunisia), Olfa Ben Moussa, Hend Ouertani, Amenie Naaroura, Yosr Ben Attig, Haifa Zaibi, Jihen Ben Amar
PA626	**Lung Volume Reduction: streamlining time-to-intervention.** Harrison Stubbs (Glasgow, United Kingdom), Hannah Bayes, Rocco Bilancia, Alan Kirk, Nikos Kostoulas, David Anderson
PA627	**Exploring Sleep Disorders in Thoracic Surgery: A Prospective Study on Pre- and Postoperative Sleep Assessment** Veronica Rossi (Milan, Italy), Eleonora Funaro, Giovanni Spreafico, Gianmarco Putti, Orlandi Riccardo, Degiovanni Sara, Emilia Privitera, Marco Mantero, Alessandro Palleschi
PA628	**Lung Cancer in Young Patients:A Retrospective Analysis of 42 Years** Emre Yanardag (Istanbul, Turkey), Halil Yanardag, Muammer Bilir
PA629	**Factors affecting lung cancer upstaging post-surgical resection** Hafiz Gulzeb Kamil (Coventry, United Kingdom), Emad Abugassa, Sumaiya Asif Sayed, Jason Su, Zahra R Almansoor, Shilajit Ghosh, Mohammed Haris
PA630	**Acquired Bronchiectasis Secondary to a Foreign Body** FATMA INCHED JEMAL (ARIANA, Tunisia), Amina Abdelkbir, Hazem Zribi, Mehdi Abdenadher, Chiraz Albouzidi, Nizar Fitouhi, Adel Marghli
PA631	**Is the Naples Prognostic Score a useful prognostic tool in surgical patients with thymomas? Food for thought** ΕΛΕΝΗ ΔΙΟΝΕΛΛΗ (Krines, Corinth, Greece), Georgia Hardavella, Ioannis Karampinis, Konstantinos Potaris, Stefano Elia
PA632	**Comparison of Restaging Methods in Patients with Non-Small Cell Lung Cancer Receiving Neoadjuvant Therapy for N2 Disease** Ece Yasemin Demirkol (İstanbul, Turkey), Volkan Erdogdu, Necati Citak, Baris Demirkol, Nisa Yildiz Ilhan, Aysegül Ciftci, Ozkan Saydam, Muzaffer Metin

PS-25 Session 55 08:00 - 09:30

Poster session: Modern-day pulmonary function testing: establishing the new normal in standard practice

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Physiology General respiratory patient care Pulmonary rehabilitation Public health

Chairs : Joyce Wu (Toronto, Canada)

PA633	**Simplifying Spirometry: Is one effort enough to rule out obstructive impairment?** Rhys Tudge (Manchester, United Kingdom), David Yabar, Benoit Cuyvers, Sanja Stanojevic
PA634	**Inspiratory flow volume loop abnormalities: in the eye of the beholder** Maitreyi Penugonda (Dublin, Ireland), Michael Towers, Rachel Anglin, Orla O'Carroll, Cormac Mccarthy, Alessandro Franciosi
PA635	**The Impact of Peak Expiratory Flow Variability on the Forced Expiratory Volume in 1 Second** Jake Williams (Cambridge, United Kingdom), Abdul Yakubu, Ben Knox-Brown, Josh Barnes, Karl Sylvester

PA636	**Comparison between the FEV1/FVC lower limit of normal and a fixed threshold of 0.70 for ruling out significant airway obstruction in clinical trials for IPF** Kevin McCarthy (Matthews, United States), Phil Lake, Todd Lustine, Carl Mottram
PA637	**Late Breaking Abstract - Findings of a community survey of lung function and associated exposures in Malawi** Benedict Warner (Dundee, United Kingdom), Owen Nkoka, Kondwani Mwandira, Mervin Mwakabanga, Stuart Gray, Alison Price, Amelia Crampin
PA638	**The relation between FENO and thoracic sarcoidosis** Laura Schrijver (Nijverdal, Netherlands), Mariska Kroon, Maaike Dunnink, Miranda Sam-Spitteler, Stefan Walen
PA639	**A short rebreathing protocol (SRP) to speed up the measurement of functional residual capacity (FRC)** Ella McLoughlin (Cambridge, United Kingdom), Jessica S. Luiz, Dominic Sandhu, Graham Richmond, Nicholas M. J. Smith, Nick P. Talbot, Grant A. D. Ritchie, Peter A. Robbins
PA640	**Calibration of bronchial methacholine challenge: Addressing dose accuracy and practicality.** Jann Mortensen (København Ø, Denmark), Flemming Madsen, Birgitte Hanel
PA641	**Recovery after bronchial challenge tests with 12 µg formoterol compared to 400 µg salbutamol** Maaike Dunnink (Meppel, Netherlands), Miranda Sam-Spitteler, Irene Steenbruggen
PA642	**Evaluating oscillometry device agreement in adults and children** Tamara Blake (South Brisbane, Australia), Kathleena Condon, Matthew Wong, Zoltán Hantos, Peter Sly, Paul Robinson
PA643	**Impact of Different Algorithms on Evaluating Changes in Oscillometry Parameters During Quiet Breathing** Chiara Veneroni (Milano (MI), Italy), Christoph Valach, Christoph Gross, Emiel F. M. Wouters, Raffaele Dellaca', Marie-Kathrin Breyer, Sylvia Hartl, Charles G Irvin, David A Kaminsky, Pasquale P Pompilio, Robab Breyer-Kohansal
PA644	**Interpretation of cardiopulmonary exercise test by GPT – promising results as a first step to identify normal results** Inbal Friedman regev (Tel aviv, Israel), Eyal Kleinhendler, Avital Pinkhasov, Samah Hayek, Avraham Man, Ophir Freund, Tal Perluk, Evgeni Gershman, Avraham Unterman, Gil Fire, Amir Bar-Shai
PA645	**Comparative research normalvalues of VO2max in CPET with 50 healthy subjects.** Justine Van den Hengel (Leusden, Netherlands), Anne Van As-Janssen, J.J.G. Van Den Brand
PA646	**Insight into oxygen deficit from phase relations between cardiopulmonary variables during intermittent exercise** Arjen Pelgröm (Veenendaal, Netherlands), Tijn Van Rietschoten, Pascalle Van Den Heuvel, Daan Imholz, Anna Visser, Maxime Van Wechem, Frans De Jongh, Richie Goulding, Joost Van Den Aardweg
PA647	**Analysis of metabolic simulation data collected from different systems for Cardiopulmonary Exercise Testing** Irene Steenbruggen (Zwolle, Netherlands), Hans Grotjohan, Tjeu Souren
PA648	**Loaded ramp testing times during cardiopulmonary exercise testing times: a training review** Sara McArthur (Edinburgh (Edinburgh), United Kingdom), Shaun Baxter, Kristofor Cuthbert
PA649	**Evaluating pulmonary function in pediatric asthma: Comparing forced oscillation technique (FOT) with spirometry** Taskin Chaudhry (Bradford, United Kingdom), Plamena Stoimenova, Stoilka Mandadzhieva
PA650	**IOS-defined airway abnormalities as a Treatable Trait for Mild-to-moderate Chronic Obstructive Pulmonary Disease** Lifei Lu (Guangzhou, China), Fan Wu, Zihui Wang, Gaoying Tang, Qi Wan, Zhishan Deng, Cuiqiong Dai, Kunning Zhou, Xiaohui Wu, Pixin Ran, Yumin Zhou
PA651	**Enhancing pediatric pulmonary function tests (PFTs) analysis with artificial intelligence (AI)** Abdullah Sandhu (Birmingham, United Kingdom), Plamena Stoimenova, Stoilka Mandadzhieva, Blagoi Marinov
PA652	**Respiratory Functions, Exercise Capacity, and Oxygenation in Parkinson's Disease: A Comparison with Healthy Individuals** Ayşenur Güvenir (Ankara, Turkey), Meral Boşnak Güçlü, Hatice Ayşe Tokçaer Bora

PS-26 Session 56 08:00 - 09:30

Poster session: Respiratory physiotherapy: ventilation, clearance and control

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Physiology | Pulmonary function testing | Public health

Chairs : Deniz Inal-Ince (Ankara, Turkey), Markus Hayden (Bad Reichenhall, Germany)

PA653	**A Service Evaluation of a Physiotherapy-Led Breathing Pattern Disorder Treatment Program** Jacob Beard (London, United Kingdom), Lizzie Grillo, Ethan Singer, Hallam Cozier, Lok Tin, Gemma Stamford

PA654	**Influence of Beliefs About Breathlessness on Symptom Perception and Willingness to Exercise** Hannah Hylton (London, United Kingdom), Isobel Timms, Bobby Kempy, William Ricketts, Paul Pfeffer
PA655	**A hybrid online breathing retraining intervention for dysfunctional breathing.** Inge Vermeulen (London, United Kingdom), Charles C. Reilly
PA656	**Regional ventilation distribution: effects of lateral posture and airway clearance techniques in healthy and COPD individuals** William Poncin (Bruxelles, Belgium), Titouan Pautre, Alicia Peiry, Giuseppe Liistro, Gregory Reychler
PA657	**Can digital physiotherapy improve respiratory functions in patients undergoing thoracic surgery?** Ayşegül Şahin (munich, Germany), Alis Kostanoğlu, Ömer Soysal
PA658	**Changes in breathing pattern and quality of life after Breathing Retraining in moderate/severe uncontrolled asthma** Louise Toftdal (Vordingborg, Denmark), Karen Hjerrild Andreasson, Uffe Bodtger
PA659	**A novel approach to dynamic breathing pattern retraining in patients with post covid-19 syndrome** ANITA CASS (birmingham, United Kingdom), Michaela Sullivan, Amanda Vigus, Andy Carter
PA660	**Breathing pattern in patients with post COVID-19 condition** Carl Hallberg (Sundbyberg, Sweden), Monika Fagevik-Olsén, Annie Svensson, Anna Törnberg, Ulrika Holdar, Anna Svensson-Raskh, Magnus Aspdahl, Johan Thermenius, Jessica Kåhlin, Judith Bruchfeld, Alexandra Halvarsson, Michael Runold, Malin Nygren-Bonnier
PA661	**Core strength for better breathing: a new approach to COPD management** Büşra Nur Fındık (Nevşehir, Turkey), Mustafa Ertuğrul Yaşa, Yakup Arslan, Hamza Aydemir
PA662	**Dynamic ventilatory responses to submaximal exercise in obese adults** Cigdem Emirza Cilbir (Ankara, Turkey), Safak Yigit, Hikmet Ucgun, Ozge Ertan Harpultu, Busra Ulker Eksi, Goksen Kuran Aslan, Buket Akinci
PA663	**How to treat a basal mucus plug atelectasis using a cough-assist machine in lateralized position in a patient with myasthenia: a case report** Salvatore Musella (Napoli, Italy), Elena Sciarrillo, Sarah Passacantilli, Giuseppe Fiorentino
PA664	**Audit of the Brompton Breathing Pattern Assessment Tool (BPAT) for Dysfunctional Breathing in asthmatic patients at commuity physio clinic in Ireland** Eimear Griffin (Co. Roscommon, Ireland), Catherine Speirs, Hilary Mcloughlin
PA665	**Establishing a Physiotherapist-led, community-based Airway Clearance service for patients with bronchiectasis: report at one year.** Claudia Carai (Maggiora (NO), Italy), Sara Mariani, Federica Baglione, Matteo Saporiti, Simon Tripi, Pamela Frigerio, Luigi Codecasa, Maurizio Ferrarese, Paolo Tarsia, Andrea Lanza
PA666	**Perceived learning after manual airway clearance techniques practice: peer learning vs. simulation-based learning** Aslihan Cakmak-Onal (Ankara, Turkey), Aydan Asli Aksel-Uylar, Melda Saglam, Ceyhun Topcuoglu, Naciye Vardar-Yagli, Ebru Calik-Kutukcu, Aynur Demirel, Deniz Inal-Ince
PA667	**Qualitative exploration of Shared Decision Making for Airway Clearance Technique in bronchiectasis** Judy Bradley, Paul McCallion, Joanne Lally, Lisa Robinson, Anthony De Soyza
PA668	**Long-Term Effects of Simeox Technology on Chronic Mucus Hypersecretion in COPD** Michela D'Ascanio (Roma (RM), Italy), Giuliana De Paolis, Claudia Ciavarella, Andrea Favari, Francesca Lofoco, Martina Ubaldi
PA669	**The correlations between respiratory muscle strength, respiratory function, disease severity, pectoralis minor muscle length and functionality in patients with breast cancer-related lymphedema** Gamze AYDIN (ISTANBUL, Turkey), Emine Atici, Ezgi Yarasir, Songul Baglan Yentur, Muhammet Şahin Elbasti
PA670	**The effect of different types of breathing interventions on spinal pain and disability: a systematic review** Sofie Van Wesemael (Hasselt, Belgium), Lotte Janssens, Charlotte Amerijckx, Nina Goossens, Sim Klaps, Elke Vlemincx, Katleen Bogaerts
PA671	**Effect of sarcopenia on multidimensional dyspnea in patients with ILD.** Masashi Kanezaki (Kawagoe, Japan), Kunihiko Terada, Satoru Ebihara

PS-27 Session 57 08:00 - 09:30

Poster session: Advances in exercise testing for respiratory disease

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Public health | Palliative care | Physiology | Pulmonary function testing | Cell and molecular biology

Chairs : Roy Meys (Heerlen, Netherlands), Jana De Brandt (Ternat, Belgium)

PA672	**Intra- and inter-observer reliability assessment of the Patient-Generated Index (PGI) in patients with Interstitial Lung Disease: a preliminary study** Tiago Almeida Araújo (São Carlos, Brazil), Vanessa Pereira Lima, Maria Gabriela Colucci, Daiane Roberta Viana, Fernanda Manenti Basso, Livia Maria Petilli Zopelari, Izabella Lorena Batista Porto, Gabriela Matoso Melgaço, Renato Fleury Cardoso, Valéria Amorim Pires Di Lorenzo
PA673	**Minimal clinically important difference for the 1-minute sit-to-stand after pulmonary rehabilitation in exacerbations of COPD** Ana Filipa Machado (Senhora da Hora, Porto, Portugal), Ana Oliveira, Cíntia Dias, António Pedro Gonçalves, Paula Simão, Chris Burtin, Alda Marques
PA674	**Cut-off of the Physical Performance Test to detect functional status impairment and mortality risk in interstitial lung disease** Cíntia Dias (Vila Nova De Gaia, Portugal), Joana Antão, Cátia Paixão, Vânia Fernandes, Sérgio Campainha, Chris Burtin, Alda Marques
PA675	**Inter-day test-retest reproducibility of the Pittsburgh Sleep Quality Index, Brief Pain Inventory and Multidimensional Fatigue Inventory in patients with COPD.** Christina Nielsen (Hvidovre, Denmark), Nina Godtfredsen, Stig Molsted, Charlotte Ulrik, Henrik Hansen
PA676	**Intra- and inter-rater reproducibility of the 1-minute sit-to-stand, handgrip strength and Short Physical Performance Battery in patients with COPD.** Christina Nielsen (Hvidovre, Denmark), Nina Godtfredsen, Stig Molsted, Charlotte Ulrik, Henrik Hansen
PA677	**Normative values for the Test of Incremental Respiratory Endurance (TIRE) in the healthy population of central Europe** Martin Hartman (Brno, Czech Republic), Jitka Minarikova, Filip Zlamal, Ladislav Batalik, Roberta C Costa, Artur S Lima, Magno F Formiga, Lawrence P Cahalin, Filip Dosbaba
PA678	**Postural balance assessment to discriminate falls in people with COPD: a prospective cohort study** Barbara A. T. Alcantara Verri (Sao Jose dos Campos, Brazil), Caroline M. Censo, Juliana M. B. Santos, Rafaella F. Xavier, João M. Salge, Regina M. Carvalho-Pinto, Celso R. F. Carvalho
PA679	**Assessing physical frailty in COPD: Agreement and stability of four ERS/ATS-recommended screening tests – A prospective cohort study** Henrik Hansen (Dragør, Denmark), Christina Nielsen, Jeanette Hansen, Charlotte Suppli Ulrik, Nina Godtfredsen
PA680	**Surface electromyography to measure skeletal muscle fatigue in patients with COPD: preliminary data** Paulien Mellaerts (Leuven, Belgium), Simone Pancera, Luc Janssens, Wim Janssens, Stephanie Everaerts, Heleen Demeyer, Thierry Troosters
PA681	**Accuracy of diagnostic tests for respiratory sarcopenia in older people: A systematic review and meta-analysis** Deivd Siqueira (Recife, Brazil), Helga Muniz De Souza, Harrison Euller, Daiara Xavier, Renata Pereira De Souza, Shirley Lima Campos, Daniella Cunha Brandão, Maria Graças Rodrigues Araújo, Diego Dantas, Armele Dornelas De Andrade
PA682	**Learning effect and reproducibility of incremental load respiratory muscle endurance test** Ana Lista Paz (A Coruña, Spain), Margarita Barral-Fernández, Laurence Callewaert, Sara De Bleecker, Daniel Langer
PA683	**Reproducibility of breathing pattern variables during constant load respiratory muscle endurance tests** Margarita Barral-Fernández (Touro, Spain), Ana Lista Paz, Sara De Bleecker, Laurence Callewaert, Daniel Langer
PA684	**The breathlessness beliefs questionnaire-caregiver: development, validity, and reliability in cystic fibrosis** Seda Saka (Istanbul, Turkey), Vildan Fidanoğlu, Zeynep Selçuk, Erkan Çakır
PA685	**Performance-based toolkit of treatable traits of functioning in hospitalised patients with ECOPD: An observational study** Naiara Leonardi (São Carlos, São Paulo, Brazil), Joana Cruz, Débora Mayumi Oliveira Kawakami, Chris Burtin, Renata Gonçalves Mendes
PA686	**Reliability of a novel tongue protrusion measurement method and related tongue motor skills tests in children.** Pierre Cnockaert (Brussels, Belgium), Apolline Fondeur, Elsa Gabillet, William Poncin
PA687	**Comparison of outcome measures for breathlessness and dysfunctional breathing measures across respiratory conditions.** Isobel Timms (London, United Kingdom), Hannah Hylton, Bobby Kemp, William Ricketts, Paul Pfeffer

PA688 **Tongue Protrusion Motor Skills Assessment: Normative values and test-retest reliability analysis**
Julien Da Purificaçao (Brussels, Belgium), William Poncin

PA689 **Exercise Training Traits (ExTra+): A new model to enhance personalised pulmonary rehabilitation in people with chronic lung disease.**
Christian Osadnik (Melbourne, Australia), Zoe Mckeogh, Hayley Lewthwaite, Alethea Kavanagh, Annemarie Lee, Ianthe Boden, Sarah Candy, Marita Dale, Gennaro D'Elia, Vanessa Mcdonald, Anne Holland, Marie Williams

PA690 **Psychometric properties of the Turkish version of the Fatigue (FACIT-F) Scale in patients with chronic obstructive pulmonary disease**
Büsra Turgut (Izmir, Turkey), Nuray Sarıcaoglu, Ilknur Naz

PA691 **Urinary Incontinence and the Use of the CAT Questionnaire for Its Assessment in Patients with Chronic Obstructive Pulmonary Diseases**
Aida Monge Esqué (Lleida, Spain), Sally Santisteve Lostes, Ivan Benítez Iglesias, Esther Gracia Lavedan, Anna Vila Fornells, Carlos Manzano Senra, Anna Sánchez Cucó, Anna Moncusí Moix, Ferran Barbé, Jessica González

PS-28 Session 58 08:00 - 09:30

Poster session: Nursing interventions and outcomes

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Epidemiology | Public health

Chairs : José Miguel dos Santos Castro Padilha (Porto, Portugal), Ricardo Salgado (Lausanne, Switzerland)

PA692 **RELEVANCE OF SLEEP NURSING CONSULTATION: PREVALENCE, FOLLOW-UP, AND ADHERENCE**
Alejandra Roncero Lazaro (Logroño (La Rioja), Spain), Mariola Bretón Ruiz, Amaia Perez De Nanclares Saez, Maria Torres Muga, María Dolores Ramirez Martinez, María Aguado Agudo, Marta Cristeto Porras, Jorge Lázaro Galán, Paula Vicente Hernando, Carlos Ruiz Martinez

PA693 **Management of Dyspnea in COPD: Patient Empowerment**
Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Helder Teixeira De Sousa

PA694 **A review of an Asthma ED discharge Quality Improvement (QI) pathway within an Irish Hospital**
Donna Langan (Galway, Ireland), Helen Mulryan, Nicola Harte, Robert Rutherford, Sally Griffiths, Clare Connolly, Olivia Healy, Michael J Harrison, Padraig Hawkins, Sinead Walsh, Ruth P Cusack

PA695 **Asthma/COPD clinics' adherence to management guidelines and association with morbidity and mortality**
Jenny Nilsson (Luleå, Sweden), Helena Backman, Linnea Hedman, Johanna Karlsson Sundbaum, Viktor Strandkvist, Caroline Stridsman

PA696 **Beyond Medication:Rehabilitation Nursing in Asthma Management**
Liliana Silva (Matosinhos, Portugal), Andreia Patrícia Oliveira Santos

PA697 **Rehabilitation Nursing: Improving Respiratory Health in Primary Care**
Andreia Patrícia Oliveira Santos (Fajões, Portugal), Ana Raquel Almeida Lopes, Fernanda Lúcia Tavares Almeida, Lilibeth Manuela Ribeiro Pinho, Maria Elisabete Gaspar Valente Vinhas, Sandra Cristina Almeida Pontes, Silvana Moreira Silva, Susana Raquel Dos Reis Ferreira

PA698 **Treatable traits in patients from primary care with suspected asthma**
Ran Wang (Manchester (Greater Manchester), United Kingdom), Miriam Bennett, Lisa Willmore, Liam Whipday, Clare Murray, Angela Simpson, Stephen Fowler

PA699 **An analysis of Patients with Idiopathic Pulmonary Fibrosis (IPF) and their perspective on nursing consultations in an outpatient clinic**
Stephanie Paag Svane (Odense C, Denmark), Camilla Bjerre Andersen, Jill Thomsen, Lene Tveen Andersen, Helle Marie Christensen

PA700 **The feasibility of performing a study on asthma diagnostics in a community and outpatient setting.**
Beverly Kowlessar (London, United Kingdom), Eleanor Quek, Sam Faulkner, Hugo Farne, Ernie Wong, Sarah Elkin, Salman Siddiqui

PA701 **Prevalence of inhaler adherence and symptom burden due to critical errors in Mexican-Hispanic patients with asthma and COPD**
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Lizbeth Ortiz-Farias, Yuri Noemi Pou-Aguilar, Liliana Angulo-Cruz, Esperanza Figueroa-Hurtado

PA702 **Investigation of Perceptions and Reactions to COPD and the Skills in Using a Metered-Dose Inhaler Among Patients with COPD**
Azıze Ozdas Gundogan (Afyonkarahisar, Turkey), Dilek Sarı, Oznur Gurlek Kısacık, Ibrahim Guven Cosgun

PA703	**Evaluating a Pilot Structured Education Service in Chronic Obstructive Pulmonary Disease patients based in the Southwest London- Croydon Borough community** James Mitchell (Aberdeen, United Kingdom), Sonal Patel, Amy Grant, Lucie Louison, Diana Opara, Roshan Siva, Cielito Caneja
PA704	**Evaluation of fatigue and self-care management in individuals with COPD** Merve Kıymaç Sarı (Ataşehir, Turkey), Helin Günay
PA705	**Caregiver involvement in COPD management: A systematic approach** Lisbeth Skousen Svendsen (børkop, Denmark), Ingeborg Farver-Vestergaard, Anders Løkke, Jannie Frølund
PA706	**Does a personalised behavioural intervention enhance physical activity outcomes in pulmonary rehabilitation?** Liliana Silva (Matosinhos, Portugal), Mathew Armstrong
PA707	**Assessing Rehabilitation Nurses' Satisfaction with Advanced Training in Paediatric Respiratory Re-Education** Liliana Silva (Matosinhos, Portugal), Luciana Rodrigues, Dulce Ferreira, Ana Teresa Sales, Milton Rosa
PA708	**ATELECTASIS AFTER PEDIATRIC CARDIAC SURGERY USE OF AEROBIKA® IN PULMONARY REHABILITATION - A CASE REPORT** Maria Loureiro (coimbra, Portugal), João Duarte, André Novo, Filomena Ciriaco, Cristina Seixas
PA709	**The pivotal role of antifibrotics in sparking nurse-patient relationships in IPF** Karen Parsons (Oxford, United Kingdom), Carmine Ruggiero, Emily Fraser, Ling-Pei Ho, Peter Saunders, Yvonne West, Rachel K. Hoyles
PA710	**Exercise Training in Respiratory Rehabilitation: A Long-Term Strategy** Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Hélder Teixeira De Sousa
PA711	**Effects of a Rehabilitation Nursing Program on functional condition in a Community Setting** Rui Pedro Marques da Silva (Sobreira – Paredes, Portugal), Glória Maria Andrade Do Couto, Daniela Patrícia Dos Santos Fernandes, Eva Fátima Pinto Gonçalo, Sara Raquel Santos Campelo, Michel Paul Jesus Costa, Helder Teixeira De Sousa

PS-29 Session 59 08:00 - 09:30

Poster session: Pleural infection

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Endoscopy and interventional pulmonology Surgery Pulmonary rehabilitation Public health

Chairs : Najib M. Rahman (Oxford, United Kingdom), Pierfrancesco Longo (Tricase (LE), Italy)

PA712	**Enhanced pleural infection diagnostics via rapid bacterial detection** Lauren Remijas (Amsterdam, Netherlands), Martine Bos, María Miguélez Sánchez, Dries Budding
PA713	**The Microbial Landscape of Pleural Infections in Singapore: A Retrospective Study** Yvonne Goh (Singapore, Singapore), Jonathan Wong, Haiquan Lee, Qishan Lim, Glenn Khai Wern Yong
PA714	**Medical Thoracoscopy in Pleural Infection: Superior Microbiological Yield of Pleural Fluid Compared to Biopsies in a Two-Year Prospective Cohort Study** Wu Zuohong (Chengdu, China), Liu Dan, Wang Kaige
PA715	**Impact of early versus delayed intrapleural fibrinolytics on pleural infection outcomes: an observational study** Yasmin Rahim (Kettering, United Kingdom), Muhammad Zubair, Harvinder Virk, Georgios Tsaknis, Muhammad Naeem, Raja Reddy
PA716	**Clinical characteristics and outcomes of empyema caused by Streptococcus constellatus infection: a retrospective cohort study** Jibo Sun (Chengdu, China), Dongguang Wang, Lian Wang, Xiang Tong, Hong Fan
PA717	**Current aetiology and additional nucleic acid amplification tests in pleural infections in New Zealand** J. Margot de Koning Gans (Christchurch, New Zealand), Lutz E. Beckert, Esther O.C. Lau, Michael J. Maze
PA718	**The patients' perspective on pleural infection: results of the MIST-3 trial qualitative sub-study** Rebecca Burney (Sheffield, United Kingdom), Eihab O Bedawi, Sophie Harrad, Shakeeb H Moosavi, Jack Seymour, Alison M Condliffe, Emma Hedley, Catherine Henshall, Najib M Rahman
PA719	**Characterising Empyemas at a UK tertiary centre** Gomathy Suresh (Birmingham, United Kingdom), Harika Avula, Alana Livesey, Finn Whittaker, Abigail Hallum, Khalil Saadeh, Sarah Shukher, Richard Thompson, Ben Sutton, Farrukh Rauf, Nadeem Madekkar

PA720	**Characterising neutrophilic inflammation and infection in pleural infections: preliminary data from the PIRATE study** Amy Gilmour (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Rebecca C Hull, Emily Ward, Kateryna Viligorska, Jaa Ming New, Lewis Marshall, Helen Liddicoat, Rachel Galloway, Merete B Long, James D Chalmers, Philip Short
PA721	**Irrigation of infected pleural space with antiseptic solution: randomized trial** Basma El-Shaarawy (Alexandria, Egypt), Ahmed Elhoffy, Beatrice Iskandar, Reda Said, Mahmoud Mansour, Maged H.Fayed
PA722	**Predictors of positive pleural fluid cultures in pleural infections: a logistic regression analysis** Jonathan Jia Jun Wong (Singapore, Singapore), Qishan Lim, Hai Quan Lee, Yvonne Si Hua Goh, Glenn Khai Wern Yong
PA723	**Management of patients with pleural infection in Greece: results of the ongoing PRACTICE (PleuRAlInfeCTIon in GreeCE) study** Ioannis Kalomenidis (Athens, Greece), THEOFANI RIMPA, Stefanos Lampadakis, Electra Koulousousa, Maria Konstantinidou, Eleftherios Doulgerakis, Ioanna Filippou, Annita Papasarantou, Manos Antonakis, Garyfallia Perlepe, Dimitra Siopi, Thomas Raptakis, Iris Vlachantoni, Marianthi Iliopoulou, Fotios Sampsonas, Dionysios Spyratos, Petros Bakakos, Stylianos Loukidis, Ilias Papanikolaou, Konstantinos Gourgoulianis, Vasileios Skouras
PA724	**Doses of tissue plasminogen activator-DNase for pleural infection** King-Pui Florence Chan (Hong Kong, Hong Kong), Macy Mei-Sze Lui, David Chi-Leung Lam, James Chung-Man Ho, Pak-Leung Ho
PA725	**Microbiological and Clinical Outcomes of Pleural Infections: A 10-Year Retrospective Review at a Tertiary Referral Centre.** Jack Allen (Dublin, Ireland), Laura Gleeson
PA726	**Outcomes of patients with pleural infections in Singapore: A retrospective study** Qishan LIM (SINGAPORE, Singapore), Jonathan Wong, Hai Quan Lim, Yvonne Goh, Glenn Khai Wern Yong
PA727	**Clinical and microbiological characteristics of pleural infections due to non-typhoidal Salmonella enterica: A 10-year retrospective single-center study** Cheuk Cheung Derek Leung (Kowloon, Hong Kong), Mannie Man Wai Lam, Yu Hong Chan, Man Ying Ho, Ming Chiu Chan, Kristine Shik Luk, May Kin Ping Lee, Chin Tong Kwok, Hung Chan Yiu, Chun Hin Luk, Chun Hoi Chen, Ching Man Ngai, Hiu Ching Christy Chan, Yiu Cheong Yeung
PA728	**Non tuberculosis infectious pleural effusion in Southern Tunisia: a focus on clinical presentation and therapeutic challenges** Sabrine Majdoub Fehri (Nabeul, Tunisia), Anis Ouerghemmi, Ahmed Ben Ayed, Asma Fattoumi, Oumayma Aggouni, Hamida Kwas
PA729	**Characteristics and outcomes of pleural infection patients in a Middle Eastern hospital** Maged Hassan (Alexandria, Egypt), Basma Elshaarawy, Mohamed Gad-Allah, Asmaa Elshazly, Ahmed Sadaka
PA730	**Review of pleural infection characteristics, management, and outcomes at an Australian tertiary centre** Ryan Moxham-Smith (geelong, Australia), Christopher Lim, Anne Marie Southcott, Simon Knight, Calvinjit Sidhu
PA731	**Purulent pleuritis in Africa: clinical patterns, aetiologies, and treatment outcomes** HAIFA BENROMDHANE (MANOUBA, Tunisia), Soumaya Debiche, Ghada Berkaoui, Rihab Kefi, Hela Cherif, Ferdaous Yangui, Mohamed Ridha Charfi

PS-3 Session 60 08:00 - 09:30

Poster session: Primary care perspectives and strategies to manage acute and chronic respiratory challenges

Disease(s) : Airway diseases

Method(s) : Physiology Public health General respiratory patient care Epidemiology Pulmonary rehabilitation Pulmonary function testing Imaging

Chairs : Lindsay Zurba (Durban, South Africa), Chair to be confirmed

PA732	**Running on fumes? Establishing the reliability of inhaler weight to determine doses remaining for pressurized metered dose inhalers** Chloe Fairbrother (Newcastle-under-Lyme, United Kingdom), Will Carroll, Francis Gilchrist
PA733	**Driving sustainability: preventative respiratory models & green prescribing in a rural primary care practice** Meredith Donaldson (MARKET RASEN, United Kingdom), Carl Deaney

PA734	**Assessment of Differences in Lung Capacities and Hemoglobin Levels between Professional Athletes and Healthy Non-Athlete Individuals** Nazlı Zeynep Uslu (Istanbul, Turkey), Aysenur Gençalp, Sercan Sakalli, Yasin Seçkin, Irem Karaman, Sebahat Dilek Torun, Merih Kalamanoglu Balci
PA735	**The fit between asthma self-management implementation strategies and practice context: A case study within the IMP2ART cluster randomised controlled trial.** Jessica Sheringham (London, United Kingdom), Brigitte Delaney, Catherine Macleod, Kirstie Mcclatchey, Elizabeth Steed, Viv Marsh, Victoria Hammersley, Stephanie Taylor, Hilary Pinnock
PA736	**Exploring perspectives of family physicians and adults with increased risk about invasive pneumococcal disease and pneumococcal vaccination: results from VAXVISION study** Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Jaime Correia-De-Sousa, Rui Costa, Joao Romano
PA737	**The Reliever Reliance Test: a pilot study evaluating a pragmatic tool to address SABA over-reliance in a primary care setting** Zoe Moon (London, United Kingdom), Robert Horne, Vince Mak
PA738	**Post-COVID Respiratory Syndrome (pCRS): Could There Be a New Definition in the Airway Disease Group?** Duygu Zorlu (İzmir, Turkey), Ozge Uçman Tuncer, Songül Ozyurt
PA739	**Community-based health screening camps for early detection and diagnosis of Chronic Respiratory Diseases (CRD)s in Pune, India** Sushil Singh (Chandrapur, India), Dipali Dhamdhere, Diksha Singh, Vishal More, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal
PA740	**Clinical rebound after ensitrelvir treatment for COVID-19** Yu Kasamatsu (Osaka, Japan), Masanori Kobayashi, Kazushi Yamairi
PA741	**Long COVID during Omicron: Patients' characteristics, vaccine uptake and healthcare resource utilisation** Jingyan Yang (New York, United States), Kiran Rai, Cale Harrison, Rebecca Butfield, David Gruben, Hannah Gowman, Rosie Hulme, Isabel Jimenez, Hannah R Volkman, Jennifer Nguyen
PA742	**The early days of Integrated Respiratory Care in Ireland: Feedback from General Practitioners** Helen O'Brien (Ratoath, Ireland), Jack Mccarthy, Orla O'Carroll, Deirdre Fitzgerald, Sinead Walsh, Alessandro N Franciosi
PA743	**The follow-up chest X-Ray after a diagnosis of community acquired pneumonia: for the patient's benefit or the physician's satisfaction?** Sanjeewa Malinda Hettiarachchi (Preston, United Kingdom), Sugeesha Wickramasinghe, Lauren Nelson, Britney Vernon, Himanshu Singh
PA744	**Evaluating the implementation of a multi-component intervention to improve technical quality of primary care spirometry** Anthony Paulo Sunjaya (Sydney, Australia), George Edwards, Satesh Sehdev, Suhani Patel, Gillian Doe, Ethaar El-Emir, Nannette Spain, Louise Perugia, Shivan Majithia, Joanna Shakespeare, Vicky Moore, Joanna Purvis, Matthew Rutter, Karl Sylvester, Samantha Kon, William Man
PA745	**Mapping the long-term pattern of SABA and OCS dispensing using longitudinal pharmacy dispense records to determine high risk behaviours** Biljana Cvetkovski (Sydney (NSW), Australia), Rachel House, Katherine Borg, Mike Da Gama, Nick Biggs, Marius Mather, Sinthia Bosnic-Anticevich
PA746	**Experiences of a primary care intervention promoting use of an online health community (OHC) for adults with troublesome asthma: Qualitative interview study** Georgios Dimitrios Karampatakis (London, United Kingdom), Helen Wood, Xiancheng Li, Chris Griffiths, Stephanie Taylor, Boby Mihaylova, Veronica Toffolutti, Clare Relton, Pietro Panzarasa, Victoria Bird, Aziz Sheikh, Jonathan Mant, Richard Ashcroft, Neil Coulson, Nishanth Sastry, Nathan Lea, Jane Watson, Bill Day, Viv Marsh, Neil Walker, Anna De Simoni
PA747	**Register study comparing adherence to inhaled corticosteroids and oral treatments** Caroline Ahlroth Pind (Uppsala, Sweden), Björn Ställberg, Elin Dahlén, Christer Janson, Össur Ingi Emilsson
PA748	**Inhaler Selection in Clinical Practice: Contrasting Perceptions and Experiences of General Practitioners and Specialists in Inhalation Therapy** Piotr Damiański (Lodz, Poland), Maciej Wojakiewicz, Adam Białas
PA749	**Asesment of pulmonary function in Duchenne muscular dystrophy patients: spirometry vs oscillometry.** Eliza Wasilewska (Gdańsk, Poland), Andrzej Wasilewski, Dominika Sabiniewicz-Ziajka, Beata Skonieczna, Marek Niedoszytko

PA750 **Tuberculosis Preventive Therapy in India-Are we ready?**
Darshan Kumar Bajaj (Lucknow (Uttar Pradesh), India), Surya Kant, R A S Kushwaha, Rajiv Garg, Anand Srivastava, Jyoti Bajpai, Ajay Kumar Verma, Santosh Kumar, Ankit Kumar, Ranjeet Raman, Sanjeev Kumar Verma

PA751 **Clinical effectiveness of intranasal corticosteroid and decongestant combinations for allergic rhinitis management: A systematic review**
Olga Reif (München, Germany), Martina Hagen

PS-30 Session 61 08:00 - 09:30

Poster session: Bronchiectasis: precision approaches and complex phenotypes

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Epidemiology Cell and molecular biology Pulmonary function testing Physiology Public health

Chairs : Rosanel Amaro Rodriguez (Premia de Dalt (Barcelona), Spain), Kathryn Ramsey (Perth (WA), Australia)

PA752 **Clinical profile and mutation spectrum of molecularly confirmed patients with Primary Ciliary Dyskinesia**
Barney Isaac (Vellore (Tamil Nadu), India), Anitha Barney, Janani Balaji, Devasahayam Christopher, Richa Gupta, Madhan Kumar, Mohan Kamath, Sumita Danda

PA753 **Trajectory of lower airway bacterial colonization in patients with primary ciliary dyskinesia**
Benoît Douvry (Créteil Cedex, France), Marion Majersdorf, Etienne Audureau, Isabelle Honoré, Celine Delestrain, Pierre-Régis Burgel, Ralph Epaud, Bernard Maitre, Frédéric Schlemmer

PA754 **Is CFAP53 a cause of primary ciliary dyskinesia (PCD)?**
Gemma Fryatt (Southampton, United Kingdom), Lee Baker, Mary Carroll, Janice Coles, Carolina Jaramillo Oquendo, James Thompson, N. Simon Thomas, Claire Dossett, David Hunt, Diana Baralle, John Holloway, Claire L Jackson, Woolf T Walker, Gabriella Wheway, Jane S Lucas

PA755 **Exhaled VOCs to differentiate between genetic variants in patients with PCD**
Obbe Sammels (, Netherlands), Joël Israëls, Josje Altenburg, Els Weersink, Eric Haarman, Anke-Hilse Maitland - Van Der Zee, Paul Brinkman

PA756 **Characteristics of bronchiectasis patients diagnosed with cystic fibrosis (CF) in adulthood**
Colm Kennedy (Newcastle upon Tyne, United Kingdom), Alan Anderson, Aleksandra Duffy, Simon Doe, Carlos Echevarria, Stephen J Bourke

PA757 **Phenotype Analysis of Chronic Bronchial Infection Patients on Inhaled Antibiotic Therapy: A Multicentre Retrospective Cohort Study in Spain (INBREATHING Study)**
Beatriz Raboso Moreno (Madrid, Spain), Iván D. Benítez, Marta Erro, Javier Burgos, Alicia Sayés, Eduardo José García, Cristina Pou, Rosa Abril Castañón, Annie Navarro, Ane Martínez De Las Fuentes, Joel Suresh Lakhani, Andrea Hernández, Carlos Manzano, Sally Santisteve, Aida Monge, Anna Moncusí-Moix, Anna Sánchez-Cucó, Ana Belén Alcaide, Juan Pablo De Torres, Ferrán Barbé, Guillermo Suárez, David De La Rosa, Jessica González

PA758 **Predictors of Inhaled Antibiotic Intolerance in Chronic Bronchial Infection: A Multicenter Study in Spain**
Carlos Manzano Senra (Lleida, Spain), Beatriz Raboso, Ivan D Benitez, Esther Gracia, Marta Erro, Javier Burgos, Alicia Sayés, Eduardo José García, Cristina Pou, Rosa Abril Castañon, Annie Navarro, Ane Martínez De Las Fuentes, Joel-Suresh Lakhani, Andrea Hernández, Arturo Morales, Sally Santisteve, Aida Monge, Marcela Suárez, Ana Belén Alcaine, Juan Pablo De Torres, Guillermo Suárez, David De La Rosa, Ferran Barbé, Jessica González

PA759 **Automatic bronchus artery and mucus plug analysis of adult bronchiectasis disease patients treated with dornase alfa**
Federico Mollica (Rotterdam, Netherlands), Christina Mingora, Caroline Brailsford, Punit Makani, Daan Caudri, Harm Tiddens, Patrick Flume

PA760 **Respiratory burden in hematology-related bronchiectasis: clinical characteristics and treatable traits**
Ophir Freund (Tel Aviv, Israel), Ori Wand, Yitzhac Hadad, Anne Bergeron, Sabrina Fried, Gidon Pomerantz, Avshalom Shaffer, Keren Cohen-Hagai, Alexandra Osadchy, Dolev Paz, Nevo Barel, Tal Perluk, Odelia Amit, Ron Ram, Amir Bar-Shai

PA761 **Twelve weeks treatment of roflumilast in bronchiectasis - Anti-inflammatory effects and clinical benefits**
Wang Chun Kwok (Hong Kong, Hong Kong), Kelvin Kai Wang To, James Chung Man Ho

PA762 **Utility of Impulse Oscillometry for evaluating pulmonary function in Bronchiectasis**
Darshan Kumar Bajaj (Lucknow (Uttar Pradesh), India), Nithish Shankar L, R A S Kushwaha, Surya Kant, Rajiv Garg, Anand Srivastava, Jyoti Bajpai, Ajay Kumar Verma, Santosh Kumar, Ankit Kumar, Richa Tyagi, Nandini Dixit, Neha Kumari

PA763	**Pleuroparenchymal fibroelastosis prevalence in bronchiectasis: preliminary data of a multicentre study** Francesca Gonnelli (Ancona, Italy), Chiara Mercanti, Marina Carotti, Claudia Duranti, Federico Mei, Martina Bonifazi
PA764	**Preliminary efficacy of Tezepelumab in patients with clinically significant bronchiectasis and severe asthma An Italian multicentric observational study** Giacomo Maruca (Rozzano, Italy), Mirta Cavallini, Gianfranco Alicandro, Andrea Mastrototaro, Gianluca Imeri, Dejan Radovanovic, Elena Parazzini, Diego Bagnasco, Marco Caminati, Andrea Gramegna, Francesco Blasi
PA765	**Addressing the clinical heterogeneity of bronchiectasis exacerbations: a multicentre, cross-sectional study.** Angela Tramontano (Maddaloni, Italy), Mattia Nigro, Edoardo Simonetta, Paola Scarano, Alessandro De Angelis, Veronica Polelli, Giacomo Barzaghi, Salvatore Battaglia, Martina Bonifazi, Raffaele Campisi, Elisiana Carpagnano, Marianna Cicchetti, Vittoria Comellini, Valentina Conio, Claudia Crimi, Claudia Duranti, Paola Faverio, Donato Lacedonia, Martina Lo Casto, Martina Marchello, Lucrezia Pisanu, Michela Salvemini, Mariarosaria Vulpi, Francesco Blasi, Matteo Bonini, Paolo Palange, Stefano Aliberti
PA766	**Correlation between chest CT features and clinical and biological data in patients with bronchiectasis** Soumaya Debiche (Le Kram, Tunisia), Hela Cherif, Mehdi Charfi, Mokaddem Salma, Tayssir Bachta, Ferdaous Yangui, Mohamed Ridha Charfi
PA767	**Gastro-oesophageal reflux disease influences disease severity in non-cystic fibrosis bronchiectasis patients without asthma** Giuseppina Angileri (Palermo, Italy), Anna Lo Pilato, Alessia Vita, Martina Lo Casto, Pietro Ingrao, Stefania Marino, Nicola Scichilone, Salvatore Battaglia
PA768	**Role of Pseudomonas Aeruginosa Mucoid and Non-Mucoid Phenotypes in Bronchiectasis: A Descriptive Study.** waail boubekri (Madrid, Spain), Oscar Cuevas Lobato, Beatriz Raboso Moreno, María Conejero Merchán, Alejandro García García, Jorge Mora Pinilla, Sonia Pascual García
PA769	**Adjudication of pulmonary exacerbations in bronchiectasis using the EMBARC consensus exacerbation criteria: data from the CLEAR Trial** Brenda O'Neill (Co. Antrim (Northern Ireland), United Kingdom), Rohan Anand, Andrew Jackson, Jeremy Brown, Frances Butler, Lorcan Mcgarvey, Cecilia O'Kane, Mike Clarke, Danny Mcauley, Adam Hill, Anthony De-Soyza, James D Chalmers, Stuart Elborn, Judy M Bradley
PA770	**Targeting hemoptysis in bronchiectasis: exploring treatable traits** Lê Quốc Khánh Trần (Hồ Chí Minh, Vietnam), Lam Nguyen-Ho, Nam Vu-Hoai, Hayoung Choi, Ngoc Tran-Van
PA771	**Prevalence and characterization of pulmonary manifestations in inflammatory bowel diseases (IBDs).** Chiara Contin (Padova, Italy), Giorgio Vecchio, Umberto Semenzato, Giacomo Giulianelli, Ylenia Padrin, Matilde Ferraro, Brigida Barberio, Fabiana Zingone, Elisabetta Balestro, Edoardo Savarino, Paolo Spagnolo, Elisabetta Cocconcelli

PS-31 Session 62 08:00 - 09:30

Poster session: Tuberculosis: diagnostic challenges

Disease(s) : Airway diseases

Method(s) : Public health Cell and molecular biology General respiratory patient care Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology Imaging

Chairs : Matúš Dohál (Martin, Slovakia), Chair to be confirmed

PA772	**Nanopore sequencing insights into bedaquiline, clofazimine, and delamanid resistance in drug-resistant mycobacterium tuberculosis isolates from treatment-naïve patients in north india** Rashmi Ratnam (Lucknow, India), Parul Jain, Amita Jain, Varun P Singh, Urmila Singh, R A S Kushwaha
PA773	**Feasibility of Truenat assay in detecting Mycobacterium tuberculosis in stool and gastric aspirate samples from children with pulmonary tuberculosis.** Parul Jain (Lucknow, India), Rashmi Ratnam, Amita Jain
PA774	**Predicting Xpert Ultra MTB/RIF Semi-quantitative load and AFB smear grade using Xpert Ultra MTB/RIF cycle threshold** Shera Tan (Singapore, Singapore), Lovel Galamay, Timothy Mark Sebastian Barkham, Huixian Woo, Bin Eng Cynthia Chee, Yee Tang Wang
PA775	**Discordance between genotypic and phenotypic fluoroquinolone resistance testing in Mycobacterium tuberculosis: an overlooked problem** Atin Singhai (Lucknow, India), Parul Jain, Rashmi Ratnam, Amita Jain
PA776	**A Novel Flow Cytometry-Based Assay for Differentiating Mycobacterium tuberculosis Infection and Disease** Karolina Doležalová (Praha 2, Czech Republic), Markéta Ibrahimova, Jaroslav Golias, Emilia Kopecka, Lubos Baca, Iva Hricikova, Martina Koziar Vasakova

PA777	**MiRNA profiling in exhaled breath condensate of pulmonary TB and extrapulmonary TB patients: A pilot study** jaya tak (New Delhi, India), Bijay Pattnaik, Divyanjali Rai, Adwika P.P., Naveen Bhatraju, Bangaru Sunil, Seetu Kashyap, Uma Shanker, Geetika Yadav, R.S. Dhaliwal, Anurag Agarwal, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tapasya Srivastava, Anant Mohan
PA778	**EXPERIENCE OF APPLYING WHOLE-GENOME SEQUENCING (WGS) IN THE DETECTION OF RESISTANCE IN MYCOBACTERIUM TUBERCULOSIS COMPLEX IN SEVILLE, SPAIN.** ANTONIO León Lloreda (Tomares, Spain), Maria Aznar Fernandez, Mariana Garcia Lopez, Maria Jose Torres Sanchez, Rafael Luque Márquez, Eduardo Briones De La Blanca, Juan Francisco Medina Gallardo, Carmen Calero Acuña, Raquel Valencia Martín, Iñaki Comas Espadas, Verónica González-Galán
PA779	**Level of minimal inhibitory concentration and pattern of genotypic mutations for results evaluation of drug susceptibility testing of M. tuberculosis** Nelly Ciobanu (Chisinau, Republic of Moldova), Doina Rusu, Alexandru Codrearanu, Nadejda Turcanu, Dumitru Chesov, Valeriu Crudu
PA780	**Late Breaking Abstract - Predictors of tuberculosis among immigrants referred for post-landing surveillance in British Columbia, Canada** James Johnston (LOWER MITCHAM, Australia), Negar Mousavi, Audrey Mitchell, Raman Ubhi, Victoria Cook, Speaker to be confirmed
PA781	**Is bronchoscopy a valuable diagnostic option for smear-negative pulmonary tuberculosis ?** mohamed karim darragi (Ariana, Tunisia), Sonia Toujani, Khadija Euchi, Abir Hedhli, Sana Cheikhrouhou, Mariem Mjid, Basma Dhahri
PA782	**Clinical characteristics of patients with Tuberculous pleuritis and low pleural fluid adenosine deaminase levels** Si Ling Young (Singapore, Singapore), Brian Lee Wei Chua, Qiao Li Tan, Carrie Kah Lai Leong, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Ken Junyang Goh
PA783	**Development of a clinical prediction model for the diagnosis of tuberculous pleural effusion in a resource-limited setting** Cary Amiel Villanueva (Manila, Philippines), Aila Marnelle Cruz, Kaiser Marr Cruz, Timothy Carl Uy, Stephen Jun Villejo, Joel Santiaguel
PA784	**SIRPγ Drives CD8+ T Cell Exhaustion and Immunosuppression in Tuberculous Pleural Effusion** Yuening Yang (Wuhan, China), Yiheng Du, Bohan Yang, Wenbei Peng, Qiong Zhou
PA785	**QuantiFERON TB Gold in the diagnosis of Tuberculosis Pleural Effusion** Alice Barbosa Carneiro de Araujo Pinho (São Paulo, Brazil), Milena Marques Oagliarelli Acencio, João Ricardo Signoretti Alexandre, Carlos Sergio Rocha Silva, Karina Rocha Pereira, João Luis Reis Freitas, Enrico Fortunato, Lisete Ribeiro Teixeira, Roberta Karla Sales
PA786	**Effect and efficiency of experimental heterocyclic compounds on mycobacteria tuberculosis** Inga Yeremenchuk (Chernivtsi, Ukraine), Liliia Todoriko
PA787	**Diagnostic value of pleural fluid interferon-gamma levels in the diagnosis of Tubercular pleural effusion in an Indian patient cohort** Devasahayam Jesudas Christopher (Vellore (Tamil Nadu), India), Nadesan Priya, Manoj Kumar Kingsley, Vinita Ernest
PA788	**AlphaFold3 to predict bedaquiline resistance through structural analysis of MmpR5 MTB variants** Max O'Donnell (Brooklyn, United States), Shamim Al Jubaer, Erica Hernandez, Brianna Weiss, Camus Nimmo, Rubeshan Perumal, Michelle Larsen
PA789	**A novel immuno-isothermal assay for detecting tuberculosis in urine** Marcia Ashmi (LONDON, United Kingdom), Changchunzi He, Francis Drobniewski
PA790	**Late Breaking Abstract - Diagnosing Recurrent Pulmonary Tuberculosis with AI Imaging** Prem Thilak Palani (New Delhi, India), Naveet Wig, Sanjeev Sinha, Surabhi Vyas, Neeraj Nischal, Prayas Sethi, Ved Prakash Meena, Amandeep Singh, Stanzin Spalkit, Anup Singh, Animesh Ray

PS-32 Session 63 08:00 - 09:30

Poster session: The quality of life of lung cancer patients and therapeutic options in special populations

Disease(s) : Thoracic oncology Airway diseases Sleep and breathing disorders Interstitial lung diseases

Method(s) : Epidemiology Public health Surgery Transplantation Palliative care General respiratory patient care Pulmonary rehabilitation Respiratory intensive care

Chairs : Fatma Chermiti Ben Abdallah (Tunis, Tunisia), Ujaas Dawar (Basildon, United Kingdom)

PA791	**Lung cancer in octogenarians: A single centre experience** Ayşegül Tomruk Erdem (Zonguldak, Turkey), Müge Meltem Tor
PA792	**Patient performance status during the lung cancer diagnostic pathway** Anna Davies (Poole, United Kingdom), Anindo Banerjee
PA793	**Defining intensive care status in metastatic lung cancer patients: a French survey** Marie Herbreteau (Clermont Ferrand, France), Celine Lambert, Patrick Merle, Francois Thouy, Aurore Douge, Anne-Claire Toffart
PA794	**Factors Influencing the Quality of Life in Patients with Lung Cancer** Hela Kamoun (Ain Zaghouane (Tunis), Tunisia), senda derouiche, Ahmed Sebai, Hadhemi Rejeb, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Fekih
PA795	**Anxiety and depression in patients with lung cancer** yasmine charfi (kairouan, Tunisia), Imen Kharrat, Chedia Khiari, Ameni Kacem, Souha Ben Selem, Anis Maatalah, Rahma Ben Jezzia
PA796	**Predictor factors of insomnia in patients with lung cancer** yasmine charfi (kairouan, Tunisia), Imen Kharrat, Chedia Khiari, Ameni Kacem, Souha Ben Selem, Anis Maatalah, Rahma Ben Jezzia
PA797	**Assessment of quality of life in lung cancer patients at a Tunisian center** Souha Ben Salem, Imen Kharrat, Yasmine Charfi, Amani Kacem, Chedia Khiari, Anis Maatallah, Rahma Ben Jezia
PA798	**Women with depression have increased risk of lung cancer** Chiwook Chung (Seoul, Republic of Korea), Kyu Na Lee, Kyungdo Han, Dong Wook Shin, Sei Won Lee
PA799	**Lung cancer following solid organ transplantation: A single-center retrospective experience** Shengshu Li (Munich, Germany), Zhaoqing Yu, Diego Kauffmann-Guerrero, Jan Michael Fertmann, Julia Kovacs, Jürgen Barton, Jürgen Behr, Marah Freiwan, Maria Arredondo, Rudolf Hatz, Christian Schneider, Amanda Tufman
PA800	**Pharmacologic interventions for symptomatic treatment of cough among adults with lung malignancy: A systematic review and meta-analysis.** Bryan Leonard Quizon (Quezon City, Philippines), Mithi Kalayaan Zamora
PA801	**The role of immunotherapy in patients with lung cancer and brain metastases** Eleni Eleftheriadou (Thessaloniki, Greece), Dionisios Spyratos, Maria Saroglou, Konstantinos Syrigos, Marousa Kouvela
PA802	**Efficacy and Safety of First-Line Immunoradiotherapy in Advanced Elderly NSCLC** Ruiyuan Yang (Chengdu, China), Quanling Kong, Jiadi Gan, Weimin Li
PA803	**Comparative clinicopatholigical features in young and old people with lung cancer** Hanene Smadhi (Manouba, Tunisia), Rym Cheour, Senda Derouiche, Khaoula Benamor, Hadhemi Rejeb, Dorra Greb, Ines Akrout, Hajer Benabdelghaffar, Hela Hassen, Hela Kamoun, Leila Fekih
PA804	**Quality of Life of Lung Cancer Patients Undergoing Chemotherapy** Hela Kamoun (Ain Zaghouane (Tunis), Tunisia), senda derouiche, Ahmed Sebai, Hadhemi Rejeb, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Fekih
PA805	**Treatment of patients with lung cancer and ILD: impact of ILD expertise** Suzan F.M. Nijman (Amsterdam, Netherlands), Mathijs L Tomassen, Esther J Nossent, Chris Dickhoff, Onno M Mets, Teodora Radonic, Bart G Boerrigter, Martijn Van Dorp, David J. Heineman, Idris Bahce, Max R. Dahele, Femke O.B. Spoelstra, Patricia F. De Haan, Peter S.N. Van Rossum, Suresh Suresh Senan
PA806	**Sleep apnea increases lung cancer risk only in female COPD patients** Kristiaan Proesmans (Gent, Belgium), Annemarie Luik, Lies Lahousse
PA807	**How much do different risk factors decrease survival time in patients with coexistence of lung cancer and Chronic Obstructive Pulmonary Disease?** Robert Uliński (Warsaw, Poland), Anna Trojnar, Zbigniew Lewandowski, Joanna Domagała-Kulawik
PA808	**Barriers to exercise for people with lung cancer during chemotherapy: a controlled cross-sectional study** Adriana C. Lunardi (São Paulo (SP), Brazil), William Selles, Beatriz Lima, Othavio Ferreira, Leticia Dellere, Luciana Bataglia, Gabriela Azevedo, Sabrina Vale, Mariana Morais, Leticia Pereira, Jessica Duarte
PA809	**Quality of life in patients with lung cancer during the modern anticancer treatment - muticenter prospective data from the Czech Republic** Monika Bratová (Brno 35, Czech Republic), Kristian Brat, Lenka Jakubikova, Michal Svoboda, Juraj Kultan, Martin Svaton

PA810	**The proportional of total length of hospital stays to survival time in advanced non-small cell lung cancer.** Miki Ozaki (Kyoto, Japan), Akihiko Sokai, Toshiyuki Iwata, Yasuyuki Hayashi, Yuki Sakai, Naoaki Yasuda, Takashi Nishimura

PS-33 Session 64 08:00 - 09:30

Poster session: Advances in surgical techniques and challenges in interventional bronchoscopy and local therapies

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery General respiratory patient care Endoscopy and interventional pulmonology Cell and molecular biology Imaging Physiology

Chairs : Lina Zuccatosta (Naples, Italy), Chair to be confirmed

PA811	**Safety and efficacy of SBRT in patients with pulmonary localizations of oncologic disease** Paola Putignano (Pavia, Italy), Francesco Rocco Bertuccio, Nicola Baio, Jessica Saddi, Francesco Agustoni, Giulia Galli, Tiberio Oggionni, Angelo Guido Corsico, Giulia Maria Stella
PA812	**Association of Inflammatory Profile and Postoperative Outcomes in Patients Undergoing Thoracic Surgery for Suspected Lung Cancer** Jorge Rodriguez Sanz (ZARAGOZA (SPAIN), Spain), Nadia Muñoz González, Pablo Ordóñez Lozano, José Luis Recuero Díaz, Beatriz Díaz Sanz, Olalla García Rodríguez, Rony Humberto Rey Gutama, Marco Patricio Bravo Mendoza, Noemí Millan Embarba, Irantzu Ripa Aisa, María Senar García, Marta Marín Oto, José Pablo Cubero Marín, Ana Victoria Gil Gómez, Raquel Langarita Labella, Javier García Tirado, Juan Antonio Domingo Morera, José María Marín Trigo, David Sanz-Rubio
PA813	**Challenges and outcomes in carinal resection and reconstruction for lung cancer** YOSR BEN ATTIG (Tunis, Tunisia), Selma Madhi, Houssem Messoudi, Siwar Hamdi, Emna Ben Jemia, Aymen Mabrouk, Mohamed Sadok Boudaya
PA814	**ANATOMICAL RESECTIONS IN PULMONARY METASTASES : A 30-YEAR SINGLE-INSTITUTION EXPERIENCE** amina abdelkbir (ben arous, Tunisia), Wassim Chaieb, Imen Bouacida, Ali Ben Salem, Mahdi Abdennadher, Ines Moussa, Nizar Fitouhi, Hazem Zribi, Adel Marghli
PA815	**Multiportal versus uniportal VATS for lung resections: A comparative study of outcomes and efficiency** Zied Chaari (Sfax, Tunisia), Ahmed Ben Ayed, Hanen Bouattour, Hala Alimi, Abdessalem Hentati, Aymen Ben Ayed, Imed Frikha
PA816	**Sleeve resection for lung cancer: a monocenter experience** YOSR BEN ATTIG (Tunis, Tunisia), Selma Madhi, Siwar Hamdi, Houssem Messoudi, Aymen Mabrouk, Emna Ben Jemia, Mohamed Sadok Boudaya
PA817	**Single and Multiple Wedge Resections in Lung Metastasectomy: A Single-Center Experience** Asser Mohamed (Alexanderia, Egypt), Abdallah Bahadi, Nizar Alhutayah, Mahmoud Hashem, Weal Ahmed, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Turki Alharbi, Hasan Robaidi, Waled Saleh, Khaled Alkattan, Marcello Migliore
PA818	**Uniportal and Multiportal VATS for Lung Metastasectomy: A Single-Center Experience** Asser Mohamed (Alexanderia, Egypt), Abdallah Bahadi, Nizar Alhutayah, Mahmoud Hashem, Weal Ahmed, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Turki Alharbi, Hasan Robaidi, Waled Saleh, Khaled Alkattan, Marcello Migliore
PA819	**Real-world survival of patients with early stage non-small cell lung carcinoma (ES-NSCLC) treated by Stereotactic radiotherapy (SBRT) & surgery: A propensity score matching (PSM) & inverse probability treatment weighting analysis (IPTW)** Ahmed Suleman Haque (Gillingham, United Kingdom), Kolera Chengappa, Thomas Sanctuary, Jennifer Pang, Andrea Bille
PA820	**Completely resected stage IA lung adenocarcinoma: histologic subtypes and progression risk** Gal Rojc (Ljubljana, Slovenia), Aleš Rozman
PA821	**Robotic assisted bronchoscopy in the Netherlands: diagnostic yield of shape sensing robotic-assisted bronchoscopy combined with CBCT compared to CBCT-based navigation bronchoscopy alone using a passive catheter-based approach-Preliminary results** Aniek Bruinen (Nijmegen, Netherlands), Roel Verhoeven, Gerjon Hannink, Erik Van Der Heijden
PA822	**The effectiveness and experience of Endobronchial Ultrasound** William Wilkinson (Southampton, United Kingdom), Benjamin Marshall, Anindo Banerjee
PA823	**ESTABLISHMENT OF AN EBUS SERVICE IN HARROGATE DISTRICT HOSPITAL: IMPROVING LUNG CANCER DIAGNOSTIC PATHWAYS** Khizer Khan (Leeds, United Kingdom), Suzanne Walker, Alisha Gray

PA824	**Pulmonologist-led ultrasound-guided lung biopsy in TB-endemic region: Thoracic oncology diagnosis implications in northern Malaysia** Izzatul Nadzirah Ismail (Alor Setar, Kedah, Malaysia), Arvindran Alaga
PA825	**Yield of endobronchial ultrasound and rate of repeat procedures in lung cancer diagnosis and subtyping** Sean Garvey (Clontarf, Ireland), Roisin Murray, Parthiban Nadarajan
PA826	**Molecular yield of transoesophageal endoscopic ultrasound with bronchoscope guided fine-needle aspiration (EUS-B). A single-centre retrospective study.** Steen Reed (Kahibah, Australia), Matthew Lindfield, Brayden Varcoe, Sophie Edgell, Angus Lloyd, David Arnold, Vineeth George
PA827	**Evaluation of EBUS Service vs NHS England EBUS Service Specifications** Abhimanyu Lal (Solihull (West Midlands), United Kingdom), Henry Garner, Muhammad Sarfraz, Raham Amel, Tan See Ling, Muhammad Niazi
PA828	**LIQUID CYTOLOGY AND NEXT-GENERATION SEQUENCING (NGS). UTILITY IN LUNG CANCER.** Nuno Castelo Branco (sevilla, Spain), Mario Aláez Gómez, Lucas Roman Rodríguez, Cinta Olmedo Rivas, Eduardo Marquez Martín, Beatriz Romero Romero
PA829	**A retrospective cohort study on complications, diagnostic yield, and prognosis of elder lung cancer patients undergoing flexible bronchoscopy** Shunsuke Akashi (Kawasaki, Japan), Kyoko Fujita, Reiko Nagata, Kohei Nisida, Satoshi Tanaka, Kei Morikawa, Takeo Inoue, Masamichi Mineshita
PA830	**Comparison of Open surgery versus Video Assisted Thoracic Surgery in Non-Small Cell Lung Cancer (NSCLC) recurrence; A Local DGH retrospective study.** Moin MUJEEB (Stevenage, United Kingdom), Jayeeta Duta, Pooja Radia, Alison Mcmillan, Thida Win

PS-34 Session 65 08:00 - 09:30

Poster session: The broad clinical spectrum of interstitial lung disease

Disease(s) : Interstitial lung diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Pulmonary function testing Transplantation Palliative care Endoscopy and interventional pulmonology Imaging Cell and molecular biology Epidemiology

Chairs : Maria Hollmén (Helsinki, Finland), Paolo Cameli (Siena (SI), Italy)

PA831	**NOTE-FY Project: International stakeholder engagement on research in nocturnal oxygen therapy for pulmonary fibrosis** Leona Dowman (Melbourne, Australia), Sebastien V Moreno, Shane Laundry, Natasha Smallwood, Catarina C Moor, Bradley A Edwards, Christopher J Ryerson, Christine F Mcdonald, Nicole Goh, Harry Patsamanis, Lynne Cochrane, Simon Joosten, Marlies Wijsenbeek, Magnus Ekström, Graham Hepworth, Anne E Holland, Yet H Khor
PA832	**Occult desaturation predicts poor prognosis in interstitial lung disease** Reoto Takei (Nagakute, Japan), Satoshi Hagimoto, Jun Fukihara, Hajime Sasano, Yasuhiko Yamano, Kensuke Kataoka, Tomoki Kimura, Yasuhiro Kondoh
PA833	**Hypoxic burden: A novel biomarker in interstitial lung disease (ILD)?** Alexandra Lawrence (London, United Kingdom), Aileen Nacorda, Jannelle Phillips, Alex West, Bhashkar Mukherjee, Kate Myall
PA834	**Quantifying the exertional hypoxic burden of idiopathic pulmonary fibrosis** Ellen Jenkins (Birmingham, United Kingdom), Louise Crowley, Rahul Mahida, David Thickett, Aaron Scott, Dhruv Parekh
PA835	**Prevalence and risk factors of nocturnal hypercapnia in patients with interstitial lung disease** Markus Polke (Heidelberg, Germany), Franziska C. Trudzinski, Mavi Schellenberg, Katharina Buschulte, Vivien Somogyi, Claus Peter Heußel, Mark Kriegsmann, Felix J.F. Herth, Nicolas Kahn, Michael Kreuter
PA836	**Use of supplemental oxygen therapy in idiopathic pulmonary fibrosis: an observational real-life study in 16,003 patients** Vincent Cottin (Lyon, France), Manon Belhassen, Jean-Michel Fourrier, Maëva Nolin, Nadège Bornier, Stéphane Jouneau, Michael Kreuter, Katerina Samara, Claire Marant-Micallet
PA837	**Fibr-OSAS Study: Retrospective Analysis of CPAP impact on respiratory function and acute exacerbations in IPF-OSAS patients** Lorenzo Carriera (Roma, Italy), Roberto Lipsi, Paolo Ghelardini, Roberto Barone, Giampaolo Chiapparelli, Mariarita Peloso, Pier Valerio Mari, Angelo Coppola, Andrea Smargiassi, Riccardo Inchingolo, Mariarita Andreani, Luca Richeldi

PA838	**Analysis of body composition with bioelectrical impedance analysis in different forms of pulmonary fibrosis** Katharina Buschulte (Heidelberg, Germany), Ben Ehrhart, Marlies Wijsenbeek, Philipp Höger, Christoph Lederer, Bernhard Kötter, Markus Polke, Felix J. Herth, Judith Brock
PA839	**Multidisciplinary re-evaluation in the diagnosis of interstitial lung disease based on disease behavior** Tomohisa Baba (Yokohama, Japan), Ryo Okuda, Yasuhiro Kondoh, Takeshi Johkoh, Junya Fukuoka, Atsushi Miyamoto, Ryoko Egashira, Akira Hebisawa, Fumikazu Sakai, Tamiko Takemura, Keisuke Tomii, Kiminori Fujimoto, Tomonori Tanaka, Toru Arai, Yoshikazu Inoue, Hiromitsu Sumikawa, Takahiko Kasai, Yutaro Nakamura, Tae Iwasawa, Yasuhiro Terasaki, Takafumi Suda, Nobuhisa Ishikawa, Naoki Arai, Megumi Hamaguchi, Takahisa Takihara, Mikio Toyoshima, Motoyasu Kato, Toshihiro Nukiwa, Kunihiko Kobayashi, Takashi Ogura
PA840	**Re-evaluating ILD diagnosis in cases with a second multidisciplinary discussion** Andrew Achaiah (Oxford, United Kingdom), Jessica Bennett, Suraya Foster, Charlotte Cadge, Anna Jevons, Olawumni Arowosegbe, Matthew Mirkin, Aadham Mumtaz, Meg Wood, Charles Sharp
PA841	**A study on thyroid antibodies and thyroid dysfunction in patients with Interstitial Lung Disease (ILD): A proof of concept study** Kezreen Kaur Dhaliwal (Alor Setar, Malaysia), Che Athirah Che Azmi, Arvindran Alaga
PA842	**Lung transplantation improves survival of patients with Idiopathic Pulmonary Fibrosis and pre-lung transplant monocyte counts predict post-lung transplant survival** Theodoros Karampitsakos (Tampa, United States), Jalen Hammonds, Christian Arce Guzman, Rebecca Albuquerque, Bochra Tourki, Zainab Fatima, Nicole Henriquez, Valeria Calderon, Tamer Fadli, Amanda Mcnamara, Brenda M Juan-Guardela, Debabrata Bandyopadhyay, Ishna Poojary-Hohman, Muhammad Raheel Qureshi, Kapil Patel, Jose D Herazo-Maya
PA843	**Role of transbronchial lung cryobiopsy (TBLC) in interstitial lung abnormalities (ILA)** Filippo Maraz (Milan, Italy), Claudia Ravaglia, Arianna Johanna De Grauw, Sabrina Martinello, Stefano Oldani, Simone Petrarulo, Fabio Sultani, Sara Piciucchi, Alessandra Dubini, Marco Mantero, Francesco Blasi, Venerino Poletti
PA844	**Clinical and radiological features of cicatricial organizing pneumonia diagnosed by transbronchial lung cryobiopsy** Simone Petrarulo (Padova, Italy), Simona Colella, Sara Piciucchi, Stefano Oldani, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti
PA845	**Detection of Functional Progression in Interstitial Lung Diseases with Preserved Lung Function.** Silvia Carlini (Rimini, Italy), Sara Tomassetti, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Claudia Ravaglia, Venerino Poletti
PA846	**Diagnostic changes in interstitial lung diseases before and after transbronchial lung cryobiopsy** Hirotaka Nishikiori (Sapporo, Japan), Mamoru Takahashi, Tatsuru Ishikawa, Tomoyuki Takahashi, Takafumi Yorozuya, Haruka Takenaka, Tomoe Sawazumi, Koji Kuronuma, Tamiko Takemura, Hirofumi Chiba
PA847	**Endothelial cell basement membrane alterations visualized by transmission electron microscopy of transbronchial lung cryobiopsy samples in fibrotic interstitial lung disease patients** David Lang (Kirchschlag bei Linz, Austria), Walter Stoiber, Sylvia Lohfink-Schumm, Astrid Obermayer, Guangyu Shao, Bernhard Kaiser, Rupert Langer, Bernd Lamprecht
PA848	**Electronic nose technology can distinguish UIP versus non-UIP CT patterns in patients with pulmonary fibrosis** Catharina C. Moor (Rotterdam, Netherlands), Bart J. Formsma, Iris G. Van Der Sar, Leda Yazbeck, Markus Polke, Michael Kreuter, Vincent Cottin, Tamera J. Corte, Mymy Tran, Philip L. Molyneaux, Marlies S. Wijsenbeek
PA849	**Management and Outcomes of Acute Exacerbation of fibrotic Interstitial Lung Disease (AE-fILD)** Sithu Bala (London, United Kingdom), Sarah Stoll, Hannah Ballheimer, Vruti Dattani, Robert Hastings
PA850	**Progressive Pulmonary Fibrosis (PPF) Management in the Real-World Setting – The PROFIBRO Survey** Monali Mehta (mumbai, India), Sujeet Rajan, Yuvarajan Sivagnaname, Vijay Kumar Chennamchetty, Sheetu Singh, Mehul Shah, Shyam Krishnan, Kiran Krishnamurthy, Deepak Muthreja, Rahul Jalan, Sudheer Tale, Meena Lopez, Senthilnathan M, Jaideep Gogtay

PS-35 Session 66 08:00 - 09:30

Poster session: Translational science in interstitial lung disease 1

Disease(s) : Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Epidemiology | Public health

Tag(s) : Translational

Chairs : Isabel Mira-Avendano (Abu Dhabi, United Arab Emirates), Thomas Koudstaal (Rotterdam, Netherlands)

PA851	**Altered CD71 Expression in Peripheral Immune Cells Suggests Systemic Iron Dysregulation in Idiopathic Pulmonary Fibrosis** Niamh Boyle (Celbridge, Ireland), Julie Worrell, Kathryn Duvall, Amina Jouida, Emmet Mcgrath, Michael. P Keane, Cormac Mccarthy, Adam. J Byrne
PA852	**Empagliflozin ameliorates pulmonary fibrosis by alleviating iron accumulation and ferroptosis via the TFEB-ACSL4 pathway** Yajing Li (Tianjin, China), Shuangyu Han, Jing Zhang, Yubao Wang, Jing Feng
PA853	**Spatial transcriptomics identifies the specific signature of myofibroblasts within fibroblastic foci** Avraham Unterman (Tel Aviv, Israel), Ophir Freund, Doron Cohn-Schwartz, Sarah Borsekofsky, Liran Levy, Amir Bar-Shai, Naftali Kaminski, Yan Stein
PA854	**Arginase inhibitor AZD8965: A novel therapeutic approach for idiopathic pulmonary fibrosis** Theresa Andreasson (Mölndal, Sweden), Madelene Lindqvist, Aaron Berlin, Eleni Kougioumtzidou, Antonio Piras, Madeleine Engsevi, Ewa Kolosionek, Stina Stomilovic, Anders Lundqvist, Lina Odqvist, Annika Borde, Mark Birrell
PA855	**CHIT1+ macrophages drive alveolar epithelial changes in early idiopathic pulmonary fibrosis** Hyeon Kyu Choi (Souel, Republic of Korea), Gaeul Bang, Mi Hwa Shin, Ju Hye Shin, Shihwan Jang, Ala Woo, Song Yee Kim, Hyo Sup Shim, Young Joo Suh, Ha Eun Kim, Jin Gu Lee, Chul Hoon Kim, Jinwook Choi, Seung Hee Hong, Moo Suk Park
PA856	**Analysis of the Composition of Particulate matter in lung tissue from Idiopathic Pulmonary Fibrosis** Alice Young Kang (Aachen, Germany), Janik Riese, Edith Katharina Plucinski, Stephan Rütten, Mohamed Naeem Mohannad Assasa, Birger Tielemans, Michael Dreher, Danny Jonigk, Mark Philipp Kühnel
PA857	**Immunopeptidiomics profiling in idiopathic pulmonary fibrosis provides a new platform for identifying therapeutic targets** Xiawei Wei (Chengdu, China), Tianxia Lan, Ziyi Bai
PA858	**Intranasal Engineered Mitochondria Vaccines Target WT1 for Idiopathic Pulmonary Fibrosis Therapy** Haiying Que (Chengdu, China), Xiawei Wei, Qingfang Li, Minyang Fu, Shaoxiong Huang, Jiayu Wang, Qiaonan Hong
PA859	**The role of TRPM7 in human lung myofibroblast profibrotic function** Mathuscha Ratnasingham (Leicester, United Kingdom), Sahana Narayanan, Amelia J Kelly, Poojitha Rajasekar, Peter Bradding, Stephen Mark Duffy, F David Horgen, Carol Feghali-Bostwick, Rachel Clifford, Katy M Roach
PA860	**Inhaled Administration of Therapeutic siRNA for Pulmonary Fibrosis: CD105 as a Novel Molecular Target** Erika Esposito (Napoli, Italy), Chiara Indolfi, Melania Correale, Susy Brusco, Ersilia Villano, Emma Mitidieri, Gabriella Costabile, Francesca Ungaro, Raffaella Sorrentino, Roberta D'Emmanuele Di Villa Bianca
PA861	**Regulatory T cell phenotype in post-COVID19 Lung Fibrosis and Idiopathic Pulmonary Fibrosis** Sara Gangi (siena, Italy), Laura Bergantini, Irene Paggi, Marco Spalletti, Paolo Cameli, Elena Bargagli, Miriana D'Alessandro
PA862	**Programmed Death–Ligand 1 expression in interstitial lung diseases associated lung cancer** Gioele Castelli (Padova, Italy), Elisabetta Cocconcelli, Matteo Scordari, Nicol Bernardinello, Serena Bellani, Matteo Daverio, Umberto Semenzato, Federica Pezzuto, Paolo Spagnolo, Fiorella Calabrese, Elisabetta Balestro
PA863	**KIF15 knockout in IPF lung derived stromal cell line suppresses TRPV2** Riitta Kaarteenaho (Oulu, Finland), Aki Manninen, Siri Lehtonen
PA864	**Spatial expression of lysosomal associated membrane protein 3 (LAMP3) in pulmonary fibrosis** Dimitrios Kalafatis (Lund, Sweden), Barbora Svobodová, Anna Cederberg, Göran Dellgren, Gunilla Westergren-Thorsson
PA865	**Endothelial-to-mesenchymal transition in human pulmonary microvascular endothelial cells** Da-Hee Park (Hannover, Germany), Stephanie Schubert, Julia Rückoldt, Edith K.J. Plucinski, Jannik Ruwisch, Lara-Jasmin Schröder, Robert Geffers, Marius M. Hoeper, Danny D. Jonigk, Mark P. Kuehnel, Lavinia Neubert, Jan C. Kamp
PA866	**LSC - 2025 - Desmoplakin loss induces Wnt/β-catenin-dependent fibrotic gene expression and promotes pulmonary fibrosis development** Pooja Singh (Delhi, India), Krishnendu Chakraborty, Ritushree Kukreti
PA867	**In vitro primary human alveolar epithelium/endothelium and fibroblast model: a tool for investigating IPF and treatment strategies** Cindia Ferreira Lopes (Plan-les-Ouates, Switzerland), Maciej Gusciora, Maxim Marfin, Dieu Khanh An Nguyen, Mireille Caul-Futy, Song Huang, Bernadett Boda, Samuel Constant

PA868	**The role of hydrogen sulphide in TGF-β1-induced pulmonary fibrosis in human lung tissues** Furkan Kaya (Ankara, Turkey), Reshed Abohalaka, Yasemin Karaman, Esra Büber, Olcay Kurtulan, Serkan Uysal, Erkan Dikmen, Sevgen Çelik Önder, Zeliha Günnur Dikmen, Ayşen Günel Özcan, Turgut Emrah Bozkurt
PA869	**Expression of B and T cells in lung tissue is associated with smoking and forced vital capacity in idiopathic pulmonary fibrosis and familial pulmonary fibrosis** Hanna Jaula (Oulu, Finland), Mervi Kreus, Anne Heikkinen, Johanna Leppänen, Terttu Harju, Elisa Lappi-Blanco, Riitta Kaarteenaho
PA870	**Gut microbiome in idiopathic pulmonary fibrosis** John Kim (Charlottesville, United States), Abby Loe, Shwu-Fan Ma, Jay Lipinski, Piyush Ranjan, Fernando Martinez, Susan Murray, Imre Noth, David O'Dwyer

PS-36 Session 67 08:00 - 09:30

Poster session: Blood and bronchoalveolar lavage biomarkers in interstitial lung disease of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Pulmonary function testing Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care Imaging

Chairs : Julien Guiot (Liège, Belgium), Maria Camila Melo Narvaez (Marburg, Germany)

PA871	**The bronchoalveolar lavage fluid CD44 and its cell sources in diffuse parenchymal lung diseases** Eva Tedlova (Bratislava, Slovakia), Magda Suchankova, Eszter Zsemlye, Jan Urban, Martina Ganovska, Dominik Juskanic, Michaela Kardohelyova, Maria Bucova, Vladimir Leksa
PA872	**Continuous relationship between lymphocytosis and functional course of hypersensitivity pneumonitis** Aurélie Struyf (Bruxelles, Belgium), Marie-Zélie Sangwa, Benoît Ghaye, Emmanuel Coche, Delphine Hoton, Antoine Froidure
PA873	**Blood and lung cellular profile in patients diagnosed with interstitial lung diseases** Arya Krishnan (NEW DELHI, India), Vijay Hadda, Anant Mohan, Karan Madan, Saurabh Mittal, Pawan Tiwar, Tejas Suri
PA874	**Blood eosinophilia as an interesting risk factor for progression in fibrotic hypersensitivity pneumonitis** Valentin Mandin (Nantes, France), Dorian Hassoun, Romain Habeau, Antoine Moui, Charlotte Ménigoz, Frédéric Corne, Christine Sagan, Claire Defrance, Valentin Patarin, Renand Liberge, François-Xavier Blanc, Stéphanie Dirou
PA875	**Prognostic value of BAL lymphocytes in connective tissue disease-related interstitial lung disease: An observational study** Maximilian Gysan (Wien, Austria), Kastriot Kastrati, Svitlana Pochepnia, Helmut Prosch, Antje Lehmann, Silvia Lee, Andreas Renner, Christina Bal, Anastasia Papaporfyriou, Christopher Milacek, Lukasz Antoniewicz, Seda Metekol, Markus Kramer, Lisa John, Zahra Kargarpour, Iris Aykara, Peter Weber, Karolina Anderle, Hans Peter Kiener, Michael Bonelli, Daniel Mrak, Daniela Aletaha, Ahmed El-Gazzar, Daniela Gompelmann, Marco Idzko, Helga Lechner-Radner
PA876	**Absence of alveolar lymphocytosis is associated with worse prognosis in hypersensitivity pneumonitis** Stéphanie Dirou (Nantes CEDEX 1, France), Charlotte Menigoz, Celine Chaillou, Quentin Maubert, Fiona Laboue, Frédéric Corne, Christine Sagan, Christine Kandel, Marie-Christine Copin, Antoine Moui, Dorian Hassoun, Renan Liberge, Valentin Patarin, Anne-Laurence Gourdier, Pascaline Priou, Frédéric Gagnadoux, François-Xavier Blanc
PA877	**Biomarkers of lung fibrosis in bronchoalveolar lavage** Andrés Vales Veiga (, Spain), Alba Mulet Arabi, Ana Ferrer Pons, Elena Ortiz Zapater, Paola Ordóñez Gómez, Jaime Signes-Costa
PA878	**KL-6 levels in PPF associated with SSc-ILD: a retrospective single center study** Karolien De Bruyne (Arlon, Belgium), Fanny Gester, Monique Henket, Etienne Cavalier, Renaud Louis, Julien Guiot
PA879	**Predictors of disease progression in fibrotic hypersensitivity pneumonitis: A retrospective cohort study** Beatriz Rodrigues Martins De Caldeira E Cerca (Lisboa, Portugal), Maria Alvarenga Santos, Raquel Rosa, Sofia Silva, Teresa Martín, Susana Clemente, Filipa Todo-Bom
PA880	**MMP-7 is a potential marker for progression in fibrotic interstitial lung disease** Shruti Shankar (New Haven, United States), Claudia Carducci, Giuliana Cerro Chiang, Farida Ahangari, Karen Velasco Alzate, Nebal Abu-Hussein, Naftali Kaminski, Sara Tomassetti
PA881	**Plasma levels of TGF-beta 1 in patients with hypersensitivity pneumonitis at different stages of disease progression** Marc Massa Gómez (Barcelona, Spain), David Soler Segovia, David Espejo Castellanos, María Florencia Pilia, Iñigo Ojanguren Arranz, Yolanda Vasiete García, Xavier Muñoz Gall, María Jesús Cruz Carmona

PA882	**Differential cellular immune response in BAL after inhalation of pigeon serum and Aspergillus extract in an acute murine model of hypersensitivity pneumonitis** Marc Massa Gómez (Barcelona, Spain), David Soler Segovia, David Espejo Castellanos, María Florencia Pilia, Iñigo Ojanguren Arranz, Lidia Muñoz Montull, Xavier Muñoz Gall, María Jesús Cruz Carmona
PA883	**Domestic hypersensitivity pneumonitis: is it essential to investigate mold exposure?** Celine Chaillou, Charlotte Menigoz, Quentin Maubert, Fiona Laboue, Olivier Morla, Antoine Legal, Antoine Moui, Frédéric Corne, Christine Sagan, Marie-Christine Copin, Dorian Hassoun, Romain Habeau, Anne Levilain, Aurélien Riodel, Pascaline Priou, Rose Esnaud, Anne-Laurence Gourdier, François-Xavier Blanc, Frédéric Gagnadoux, Stéphanie Dirou
PA884	**Use of Computed Tomography Pulmonary Fat Attenuation Volume (CTPFAV) to predict steroid response in acute hypersensitivity pneumonitis** Niamh O'Flaherty (Galway, Ireland), Sean Quinn, Anna Keane, Alessandro Franciosi, Marcus Butler, Emmet Mcgrath, Michael Keane, David Murphy, Cormac Mccarthy
PA885	**Identification of the Inciting Antigen Influences Hypersensitivity Pneumonitis Outcomes** Laura Shannon (Ballyclare, United Kingdom), Chibuike Okechukwu, Pat Gorman, Louise Macpherson, Lisa Graham, Eoin Murtagh, Paul Minnis
PA886	**Cutoff values of serum mold-specific IgG levels for hypersensitivity pneumonitis diagnosis** Sahajal Dhooria (Chandigarh, India), Ritesh Agarwal, Inderpaul Singh Sehgal, Ashutosh Nath Aggarwal
PA887	**Bronchoalveolar lavage lymphocytosis in fibrotic hypersensitivity pneumonitis: contrasting associations with KCO and VA** Punchalee Kaenmuang (Songkhla, Thailand), Fiammetta Danzo, Simon Bax, Richard J Hewitt, Maria Kokosi, Vasileios Kouranos, Felix Chua, Peter M George, Richard Gisli Jenkins, Athol U Wells, Carmel Jw Stock, Piersante Sestini, Elisabetta A Renzoni
PA888	**Cytoimmunologic profile of bronchoalveolar lavage (BAL) in interstitial lung disease (ILD) associated with post-COVID-19 syndrome (PCS): Evaluation of the BAL predictive value.** Piotr Kopiński (Kraków, Poland), Justyna Dolny-Michno, Grzegorz Przybylski, Ewa Wypasek, Magdalena Szymańska, Eweliina Wędrowska, Klaudia Mikołajczyk, Tomasz Senderek, Anna Merklinger-Gruchała, Maciej Gagat
PA889	**Serum precipitins in hypersensitivity pneumonitis: association with patients' characteristics and disease type** Giorgio Monteleone (Rome, Italy), Eda Boerner, Luca Richeldi, Ulrich Costabel, Francesco Bonella
PA890	**CT patterns as a biomarker of CTD-ILD progression: an analysis of the RECITAL study.** Serena Bellani (Padova, Italy), Paolo Spagnolo, Toby M. Maher, Philip L. Molyneaux

PS-37 Session 68 08:00 - 09:30

Poster session: Insights into diffuse cystic lung disease and related conditions

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | General respiratory patient care | Epidemiology | Cell and molecular biology | Imaging | Transplantation

Chairs : Veronika Müller (Budapest, Hungary), Raphaël Borie (Paris, France)

PA891	**Characterising patients with pulmonary Langerhans' cell histiocytosis and pulmonary hypertension** Ramey Bajwa (London, United Kingdom), Carmel Stock, Manuel Lopez-Meseguer, Berta Saez-Gimenez, Davide Elia, Roberto Cassandro, Sergio Harari, Claudia Ravaglia, Venerino Poletti, Effrosyni D Manali, Spyros A Papiris, Frantzeska Frantzeskaki, Iraklis Tsangaris, Athol Wells, Laura C Price, Maria Kokosi
PA892	**Lung Clearance Index and Langerhans Cell Histiocytosis** Antonio Fabozzi (Rome, Italy), Gianluca Paciucci, Giulia De Rose, Giovanna Palumbo, Roberto Romiti, Matteo Bonini, Gregorino Paone, Paolo Palange
PA893	**Proteomic Profiling of BAL in Pulmonary Langerhans Cell Histiocytosis Reveals Distinct Immune- Related Signatures** Diego Castillo Villegas (Barcelona, Spain), Joel Francesqui, Francisco Escudero, Ana Montero-Calle, Rodrigo Barderas, Alfonso Luque, Marta Hernandez, Paloma Acebo, Sonsoles Hortelano
PA894	**Lung cysts, a common feature found in patients with hairy cell leukemia and Langerhans cell histiocytosis suggesting a potential implication of MAPK-pathway genetic alteration** Jeanne Haegy (Caen, France), Elsa Maitre, Aurélien Justet, Remy Morello, Jocelyn Domagne, Frédéric Riviere, Gandhi Damaj, Xavier Troussard, Emmanuel Bergot

PA895	**Four-year follow-up data on pulmonary function tests in patients with Birt-Hogg-Dubé syndrome: A retrospectice cohort study from 2 Danish tertiary ILD centers** Katrine Isabella Oerbek (, Denmark), Marie Moldt Holmager, Sarah Stougaard, Marianne Præstegaard, Ole Graumann, Lillian Bommer Ousager, Lars Lund, Anette Schuster, Elisabeth Bendstrup, Jesper Rømhild Davidsen
PA896	**Phenotypic variation of Birt Hogg Dube: Results from ERN LUNG national referral centre** Eamon Sweeney (Letterkenny, Ireland), Donal O'Malley, Lindsay Brown, Alessandro Franciosi, Michael Keane, Cormac Mccarthy
PA897	**Birt-hogg-dubé syndrome: a case series of eight patients** Simone Cordoni (Pavia, Italy), Andrea Ripamonti, Marianna Russo, Sara Lettieri, Francesca Mariani, Eloisa Arbustini, Angelo Guido Corsico, Davide Piloni
PA898	**Efficacy and limits of Sirolimus therapy in patients with Lymphangioleiomyomatosis: a retrospective study** Lucia Pacchetti (Monza, Italy), Sergio Harari, Davide Elia, Lu Fan, Roberto Cassandro
PA899	**The use of cyst burden score as a biomarker in Lymphangioleiomyomatosis** Evelyn Lynn (Blackrock (Co. Dublin), Ireland), Brian Gaffney, David Murphy, Jonathan Dodd, Michael P. Keane, Cormac Mccarthy
PA900	**Women's burden: a retrospective study of the evolution and prognostic factors in lymphangioleiomyomatosis** Alexandra-Adnana Iosif (Nedelcu) (Constanta, Romania), Claudia Lucia Toma, Stefan Dumitrache-Rujinski, Ionela Belaconi, Inna Ruseva
PA901	**Lung Cysts in Birt-Hogg-Dubé Syndrome: Diagnostic Pitfalls in CT and Histology** Corinne Allgeier-Smith (Basel, Switzerland), Ekrem Temizel, Jonathan Röcken, Jürgen Hetzel, Kathleen Jahn, Spasenija Savic Prince, Antje Prasse, Katrin Hostettler
PA902	**Respiratory Manifestations of Sjögren's Syndrome** Ketfi Abdelbassat (Alger, Algeria), Behbah Sarra, Messaoudi Hassen, Touahri Rama
PA903	**Characterization of Pulmonary Langerhans Cell Histiocytosis (PLCH) in a Tertiary Interstitial Lung Disease Centre** Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Conal Hayton, Bavithra Vijayakumar
PA904	**Clinical, Radiological, Functional Features, and Treatment Outcomes in Sporadic Lymphangioleiomyomatosis: An Observational Study** Baris Demirkol (Istanbul, Turkey), Ramazan Eren, Umut Ilhan, Elif Tanriverdi, Mustafa Cortuk, Elif Yelda Ozgun Niksarlioglu, Halit Cinarka, Cetin Atasoy, Erdogan Cetinkaya
PA905	**Opportunistic infections in patients with polycystic lung diseases.** Katarzyna Modrzewska (Warszawa, Poland), Bruno Baldi, Amira Benattia, Cormac Mc Carthy, Evelyn Lynn, Ali Ataya, Abdellatif Tazi, Piotr Piekarczyk, Małgorzata Sobiecka, Anna Zabost, Sergio Harari, Elżbieta Radzikowska
PA906	**Development of novel circulating biomarkers for predicting lung function decline in Lymphangioleiomyomatosis** Donal O'Malley (Westport, Ireland), Nicholas Mccarthy, Alice Villa, Amina Jouida, Nishant Gupta, Alessandro N. Franciosi, Kathleen M. Curran, Adam J. Byrne, Peter Doran, Michael P. Keane, Francis X. Mccormack, Cormac Mccarthy
PA907	**The hepatic involvement in severe Alpha1-antitrypsin deficiency and the circulating polymers** Stefania Ottaviani (Pavia (PV), Italy), Giorgio Lorini, Ilaria Giana, Simone Cordoni, Francesca Mariani, Giulia Accordino, Luisa Siciliani, Alice Maria Balderacchi, Angelo Guido Corsico, Ilaria Ferrarotti, Davide Piloni
PA908	**Kaposiform lymphangiomatosis in adults. Long term results of sirolimus treatment - Case series** Elżbieta Radzikowska (Warszawa, Poland), Magdalena Bilny-Paluch, Piotr Piekarczyk, Katarzyna Blasinska, Malgorzata Szolkowska, Mateusz Polaczek
PA909	**Characteristics of Diffuse Cystic Lung Diseases in a National Referral Centre** Margaret Higgins (Dublin, Ireland), Evelyn Lynn, Lindsay Brown, Michael P. Keane, Cormac Mccarthy
PA910	**Late Breaking Abstract - Proteomic profiling of bronchoalveolar lavage identifies soluble biomarkers of poor prognosis in IPF and CTD-ILD patients** Jannik Ruwisch (Hannover, Germany), Benjamin Seeliger, Faye Zhao, Alex Barron, Joeseph Loureiro, Katherine Mccauley, Kjetil Ask, Antje Prasse

PS-38 Session 69 08:00 - 09:30

Poster session: Chronic thromboembolic pulmonary hypertension: new pathogenic mechanisms and treatment approaches

Disease(s) : Pulmonary vascular diseases

Method(s) : Endoscopy and interventional pulmonology Surgery General respiratory patient care Imaging Epidemiology Pulmonary function testing Physiology Pulmonary rehabilitation Cell and molecular biology Public health

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom), Luai Khalaili (Haifa, Israel)

PA911	**Artificial intelligence in detecting and quantifying thrombotic burden compared to manual analysis using CTPA** Lojain Abdulaal (Sheffield, United Kingdom), Michael Sharkey, Krit Dwivedi, Smitha Rajaram, Samer Alabed, Mahan Salehi, Alexander Rothman, Robin Condliffe, David Kiely, Andrew Swift
PA912	**The frequency of thyroid disease and treatment in chronic thromboembolic pulmonary hypertension and their effect on outcomes** Derya Kocakaya (Istanbul, Turkey), Hüseyin Arikan, Sehnaz Olgun Yıldızeli, Halil Atas, Bulent Mutlu, Nuri Cagatay Cimsit, Sait Karakurt, Bedrettin Yildizeli
PA913	**Assessing pulmonary endarterectomy response in CTEPH with CTPA imaging biomarkers** Xiaohui Ma (Auckland, New Zealand), Prashanna Khwaounjoo, Behdad Shaarbaf Ebrahimi, Finbar Argus, Martyn Nash, Tim Joseph, David Kaye, Atsuo Doi, David Mcgiffin, Merryn Tawhai, Ho-Fung Chan
PA914	**Bleeding under anticoagulant therapy in patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension: incidence and prognostic impact, data from the HEMA-HTP study.** Laurent Bertoletti (Saint Etienne Cedex, France), Hélène Bouvaist, Julie Traclet, Romain Trésorier, Sandrine Accassat, Souad Bezzeghoud, Céline Chapelle, Claire Dauphin, Carine Labruyère, Nicolas Piliero, Vincent Cottin, Géraldine Poenou
PA915	**Anticoagulant treatment and survival in patients with pulmonary arterial hypertension: data from the French PH registry and meta-analysis of contemporary prospective studies** Laurent Bertoletti (Saint Etienne Cedex, France), Jean Escal, Athénaïs Boucly, Ségolène Turquier, Mitja Jevnikar, Nicolas Lamblin, Souad Bezzeghoud, Céline Chapelle, Xavier Delavenne, Laurent Savale, Marc Humbert, David Montani, Olivier Sitbon, Xavier Jais
PA916	**Dysregulation of Immune Cells and Platelet-Monocyte Aggregates in Chronic Thromboembolic Pulmonary Hypertension** Lu Sun (Beijing, China), Haobo Li, Xincheng Li, Yuhan Li, Min Liu, Shiqing Xu, Peiran Yang, Zhenguo Zhai
PA917	**Pulmonary hypertension targeted therapies in patients with operable chronic thromboembolic pulmonary hypertension: USA referral center analysis** Barbara Teixeira (Lisboa, Portugal), Jenny Z. Yang, Mona Alotaibi, Demosthenes G. Papamatheakis, David S. Poch, Timothy M. Fernandes, Kim M. Kerr, Angela Bautista, Victor G. Pretorius, Michael M. Madani, Nick H. Kim
PA918	**MCP-1/CCR2 signaling mediates CD16+ monocyte-driven thrombus fibrosis in Chronic Thromboembolic Pulmonary Hypertension** Maohe Chen (Fuzhou, China), Hanbin Lin, Xingyue Lai, Chaosheng Deng
PA919	**The role of medical therapy before and after balloon pulmonary angioplasty: CTEPH AC registry across Japan** Yu Taniguchi (Kobe, Japan), Miki Sakamoto, Kohei Masaki, Kazuya Hosokawa, Shiro Adachi, Takumi Inami, Jun Yamashita, Hitoshi Ogino, Masaru Hatano, Ichizo Tsujino, Nobihiro Yaoita, Nobutaka Ikeda, Hiroto Shimokawahara, Nobuhiro Tanabe, Kayoko Kubota, Ayako Shigeta, Yoshihiro Ogihara, Koshin Horimoto, Yoshihiro Dohi, Takahito Hiraide, Takeshi Kawakami, Yuichi Tamura, Yoshihiro Fukumoto, Kohtaro Abe
PA920	**Balloon Pulmonary Angioplasty in Sickle Cell Disease with Chronic Thromboembolic Pulmonary Hypertension** Mitja Jevnikar (Paris, France), Sarah Macisaac, Philippe Brenot, Christelle Chantalat, Yoichi Sugiyama, David Montani, Anne Roche, Athenais Boucly, Andrei Seferian, Sophie Bulifon, Olivier Sitbon, Marc Humbert, Xavier Jais, Laurent Savale
PA921	**Assessment of fractional exhaled nitric oxide following balloon pulmonary angioplasty for patients with inoperable chronic thromboembolic pulmonary hypertension** Jian Guo (Shanghai, China), Jianhua Xu, Tianran Zhou
PA922	**Cardiac phenotyping in response to PEA vs BPA** Tamara Rodenburg (Amsterdam, Netherlands), Satoshi Higuchi, Natalia Braams, Azar Kianzad, Esther Nossent, Frances Handoko-De Man, Jurjan Aman, Anton Vonk Noordegraaf, Lilian Meijboom, Harm Jan Bogaard
PA923	**Survey of treatment approaches in the TEAM registry** Joanna Pepke-Zaba (Cambridge, United Kingdom), Elie Fadel, Xavier Jais, David Jenkins, Irene Lang, Michael M. Madani, Hiromi Matsubara, Gerald Simonneau, Christoph Wiedenroth, Marion Delcroix, Nick H. Kim
PA924	**Safety and efficacy of percutaneous pulmonary angioplasty for the treatment of chronic thromboembolic pulmonary hypertension in a low-population country** Frédéric Lador (Genève, Switzerland), Nathaniel Angel, Stéphane Noble, Léon Genecand, Jean-François Deux, Anne-Lise Hachulla

PA925	**Balloon pulmonary angioplasty complications and pulmonary hemodynamic thresholds.** Barbara Teixeira (Lisboa, Portugal), Cze Ci Chan, Jenny Z. Yang, Mona Alotaibi, Demosthenes G. Papamatheakis, David S. Poch, Timothy M. Fernandes, Kim M. Kerr, Angela Bautista, Lawrence Ang, Ehtisham Mahmud, Nick H. Kim
PA926	**Balloon pulmonary angioplasty combined with rehabilitation for chronic thromboembolic pulmonary hypertension patient post pulmonary endarterectomy without residual pulmonary hypertension** Zhihui Fu (Beijing, China), Zhenguo Zhai
PA927	**Chronic Thromboembolic Pulmonary Hypertension Associated with Venous Thoracic Outlet Syndrome** Mitja Jevnikar (Paris, France), Mithum Kularatne, Philippe Brenot, Yoichi Sugiyama, Samuel Dolidon, David Montani, Laurent Savale, Athenais Boucly, Anne Roche, Olivier Sitbon, Olaf Mercier, Elie Fadel, Marc Humbert, Xavier Jais
PA928	**Surgical outcomes in pulmonary hypertension – a single centre study** William Kerrigan (London, United Kingdom), Jamie Ingram, Stephanie Lua, Melanie Brewis, Martin Johnson, Colin Church
PA929	**The effect of high altitude (2500 m) on right heart function during exercise in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. A randomized controlled crossover trial.** Julian Müller (Zürich, Switzerland), Laura Mayer, Simon R. Schneider, Meret Bauer, Michael Furian, Konrad E. Bloch, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich
PA930	**Tolerability and pharmacokinetics of inhaled liposomal iloprost in healthy adults show its potential of treating CTEPH** Pei Kan (Taipei, Taiwan), Ko-Jie Chen, Shin-Shin Chuang

PS-39 Session 70 08:00 - 09:30

Poster session: Emphysema and chronic bronchitis interventional pulmonology treatment

Disease(s) : Airway diseases Thoracic oncology Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Surgery General respiratory patient care Imaging Pulmonary function testing

Chairs : Arschang Valipour (Wien, Austria), Chair to be confirmed

PA931	**Bronchoscopic thermal vapor ablation (BTVA) in patients with severe upper lobe emphysema: Lung function outcomes of a prospective international registry** Konstantina Kontogianni (Heidelberg, Germany), Franziska Trudzinski, Susanne Dittrich, Kaid Darwiche, Stephan Eisenmann, Joachim Ficker, Daniel Franzen, Wolfgang Gesierich, Christian Grah, Peter Hammerl, Martin Hetzel, Felix Herth, Arschang Valipour
PA932	**Retrospective analysis of bronchoscopic thermal vapor ablation (BTVA) in 21 emphysema patients: Evaluating the impact of subsegmental dose matching** Jiayuan Sun (Shanghai, China), Han Yang, Si Chen
PA933	**Gender-specific differences in lung function response after bronchoscopic thermal vapour ablation (BTVA): a retrospective analysis of the international BTVA registry** Franziska Trudzinski (Heidelberg, Germany), Konstantina Kontogianni, Susanne Dittrich, Arschang Valipour, Stephan Eisenmann, Joachim Ficker, Daniel Franzen, Wolfgang Gesierich, Christian Grah, Peter Hammerl, Martin Hetzel, Felix Herth, Kaid Darwiche
PA934	**Airway Bypass Safety and Feasibility Study (AIRWAY): Initial Observations** Felix J.F. Herth (Heidelberg, Germany), David Tchkonia, Khatuna Shvelidz, Teona Mskhaladze, Tamar Beburidze, Tornike Jashi, Mikolay Chkonia, Mariam Silagava
PA935	**Novel Endobronchial Silicone Valve for Treating Chronic Obstructive Pulmonary Disease: A Preclinical Trial and First-In-Human Study** Run Tong (Beijing, China), Gang Hou, Mingming Deng, Ziwen Zheng
PA936	**Successful endobronchial valve treatment in patients with an incomplete right upper lobe fissure** Jorrit Welling (Groningen, Netherlands), Karin Klooster, David Koster, Harm Tiddens, Jean-Paul Charbonnier, Dirk-Jan Slebos
PA937	**Fissure Completion for Lung Volume Reduction with Endobronchial Valves' kick off in France!** Thomas Egenod (Limoges, France), Jeremy Tricard, Geoffrey Brioude, Elsa Clapaud, Virgile Caban, Yannick Simonneau, Benoit Aguado, Florent Favard, Benjamin Coiffard, Alain Vergnenegre, Hervé Dutau, Pascal Thomas
PA938	**Does the degree of heterogeneity influence outcomes following Bronchoscopic Lung Volume Reduction (BLVR)** Ahmad Raza (Philadelphia, United States), Nathaniel Marchetti, Hussain Siddiqi, Jiji Thomas, Nicole Patlakh, Gerard Criner

PA939	**Comparison of efficacy and safety of endoscopic lung volume reduction with one-way valves in patients with severe homogeneous or heterogenous lung emphysema** Thomas Sgarbossa (Berlin, Germany), Franz Stanzel, Stefan Andreas, Stephan Eisenmann, Bernd Schmidt, Wolfgang Gesierich, Nicolas Dickgreber, Christian Geltner, Joachim H. Ficker, Angelique Holland, Björn Schwick, Stephan Eggeling, Christian Grah, Urte Sommerwerck, Andreas Fertl, Sylke Kurz, Peter Schramm, Joachim Pfannschmidt, Grit Barten, Ralf Eberhardt, Martin Witzenrath, Ralf-Harto Hübner
PA940	**Assessment of efficacy and safety of endoscopic lung volume reduction with one-way valves in an older age cohort in patients with severe lung emphysema** Thomas Sgarbossa (Berlin, Germany), Ralf-Harto Hübner, Franz Stanzel, Stefan Andreas, Bernd Schmidt, Wolfgang Gesierich, Nicolas Dickgreber, Christian Geltner, Joachim H. Ficker, Angelique Holland, Björn Schwick, Stephan Eggeling, Ralf Eberhardt, Christian Grah, Christoph Hünermann, Urte Sommerwerck, Andreas Fertl, Sylke Kurz, Peter Schramm, Joachim Pfannschmidt, Stephan Eisenmann
PA941	**Sex differences in outcome after endoscopic lung volume reduction in patients with emphysema: A retrospective analysis of the german lung emphysema registry group** Ralf Eberhardt (Hamburg, Germany), Elvin Atug, Franziska Trudzinski, Angelique Holland, Christian Grah, Ral-Harto Huebner, Franz Stanzel, Stephan Eggeling, Bernd Schmidt, Sylke Kurz, Stephan Eisenmann, Joanna Krist, Joachim Ficker, Björn Wiesemann, Wolfgang Gesierich
PA942	**Mucus plug reduction after endobronchial valve implantation – Results from the MMCOPD study** Judith Brock (Heidelberg, Germany), Susanne Dittrich, Konstantina Kontogianni, Felix Herth, Philip Blanke, Cameron J. Hague, Makayla Herdliska, Samuel Peterson, Susan Wood, Rachel L Eddy
PA943	**A multidisciplinary approach to Surgical or Bronchoscopic Lung Volume Reduction for the treatment of severe emphysema** Wim Janssens (Leuven, Belgium), Stefanie Everaerts, Nicole Filipow, Iwein Gyselinck, Hannelore Geysen, Iven Niesten, Dimitri Stylemans, Geert Verleden, Astrid Blondeel, Arne Neyrinck, Johan Coolen, Christophe Dooms, Dirk Van Raemdonck, Laurens Ceulemans
PA944	**Efficacy and Safety of Bronchoscopic Treatment of Giant Bulla with one-way valves assistated with Chartis or CBCT** Guangfa Wang (Beijing, China), Wentao Li, Fangfang Guo, Yan Hu, Jiping Liao, Xi Wang, Junfang Huang, Kunyao Yu
PA945	**Alternative Methods to Screen Eligible Patients for Bronchoscopic Lung Volume Reduction (BLVR)** Masamichi Mineshita (Kawasaki (Kanagawa), Japan), Daisuke Kinose, Yasutaka Nakano
PA946	**Bronchial Rheoplasty for Chronic Bronchitis in COPD Patients – Interim Analysis from RheOx China Study** Guangfa Wang (Beijing, China), Zhi Xu, Shiyue Li, Enguo Chen, Changhui Wang, Pinhua Pan, Daoxin Wang, Mingzhou Zhang, Chunli Tang, Jiping Liao, Yan Hu, Jisong Zhang, Xiaolian Song, Jingjing Liu, Jing He, Yuhang Guo, Huihui Hu, Yanli Yang, Fangfang Guo
PA947	**Improvement in quality of life after endoscopic lung volume reduction** Jose Daniel Cordero Marquez (Torrejon de Ardoz, Spain), Stephany Ivonne Briones Alvarado, Angelica María Quito Parra, Rafael Gregorio Marulanda Melo, Paola Antonella Bendetti, Virginia Gallo, Vanessa Gabriella Del Valle Gomez Sisso, Marta Guajardo Madorrán, Gabriella Manzanares Cavin, Katiuska Herminia Liendo Martinez, Sergio Suarez Escudero, Cristina Sanchez Fernandez, Cristhian Correo Gutierrez, Marcelino Sanchez Casado, Javier Garcia Lopez
PA948	**Bronchoscopic lung volume reduction significantly improves muscle function and fatigue, but does not impact sleep in severe emphysema** Else A M D ter Haar (Groningen, Netherlands), Dirk-Jan Slebos, Jorine E Hartman
PA949	**Late Breaking Abstract - Transbronchial Lung Cryobiopsy Performed with Cone Beam Computed Tomography Guidance versus Fluoroscopy Guidance: A Propensity Score-Matching Study** Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng
PA950	**Late Breaking Abstract - Mobile cone-beam computed tomography combined with electromagnetic navigation bronchoscopy for the diagnosis of peripheral pulmonary nodules** Lin Ye (shanghai, China), Siyuan Hong, Xiaoxuan Zheng, Fangfang Xie, Junxiang Chen, Shuaiyang Liu, Houteng Xi, Jiayuan Sun

PS-4 Session 71 08:00 - 09:30

Poster session: A breath of fresh air: new insights in lung physiology

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Physiology | General respiratory patient care | Pulmonary function testing | Epidemiology | Cell and molecular biology | Pulmonary rehabilitation | Surgery

Chairs : Zander J Williams (London, United Kingdom), Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)

PA951	**Exploring Respiratory Mechanics through Impulse Oscillometry: Beyond Traditional Spirometry.** Juan Fco. Nieves Salceda (Oviedo, Spain), María Rodil Riera, Ramón Fernández Álvarez, Marta Íscar Urrutia, Isabel Martínez González-Posada, Claudia Mañana Valdés, Marina Acebo Castro, Paloma Fernandez Antuña, Rocío López Amaro, Marta María García Clemente
PA952	**Small airways function: a gut issue?** Martin Färdig (Uppsala, Sweden), Nils Oskar Jõgi, Suneela Zaigham, Ulf Hammar, Christer Janson, Per Wollmer, Gunnar Engström, Marju Orho-Melander, Johan Ärnlöv, Tove Fall, Andrei Malinovschi
PA953	**Oscillometry with or without spirometry for methacholine testing** Ynuk Bossé (Québec (QC), Canada), Magali Boucher, Marie-Ève Boulay, Andréanne Côté, Cyndi Henry
PA954	**Safety of the spirometry maneuver with the redefinition of FET in the ATS/ERS 2019 technical statement** Arturo Cortes-Telles (Merida (Yucatan), Mexico), Saul Vázquez-López, Ángel Iván Piñón-Crespo
PA955	**Oscillometry bronchodilator response identifies distinct pathophysiological phenotypes in the ATLANTIS cohort** Eleanor Quek (London, United Kingdom), Oliver R Pitts, Franz A Clemeno, Janwillem W H Kocks, Bianca Beghè, Monica Kraft, Alberto Papi, Klaus F Rabe, Maarten Van Den Berge, Dave Singh, Christopher Brightling, Salman Siddiqui
PA956	**Comparison of impulse oscillometry indices and FEV1 during methacholine challenge and bronchodilation tests** Sabina Gasperovič (Kaunas, Lithuania), Kęstutis Malakauskas
PA957	**Abnormal Ax in impulse oscillometry may be a useful diagnostic tool in asthma** Ciara Ottewill (Dublin 4, Ireland), Cara Gill, Patrick Kerr, Christina Campbell, Margaret Gleeson, Orla Smith, Helen Doherty, Elaine Machale, Richard W Costello
PA958	**Small airway disfunction on exercise capacity in precapillary pulmonary hypertension, the insights of oscillometry** Chiara Torregiani (Trieste (TS), Italy), Luigi Volpe, Pietro Geri, Marco Confalonieri, Caterina Antonaglia, Paola Confalonieri, Francesco Salton, Barbara Ruaro
PA959	**The influence of breathing frequency on forced oscillation technique in patients with asthma** Olga Carozzo (Cambridge, United Kingdom), Ben Knox-Brown, Karl Sylvester
PA960	**Spirometry in high altitude residents: Long term adaptations of pulmonary function** Manju Bala (Almora, India), Aarhensh Punera, Akhlesh Rajpoot, Dinesh Chandra Punera
PA961	**Physiological basis of worse clinical outcomes in smokers with a PRISm pattern** Alice Scussel (Porto Alegre (RS), Brazil), Nathalia Galvagni Rodrigues, Artur Zanelatto Santos, Amanda Calage Pinto, Laura Correa De Barros Trombin, Litiele Evelin Wagner, Fernanda Oliveira Baptista Da Silva, Cecilia De Barros Rodenbusch, Marli Maria Knorst, James Dean, Dave Singh, Danilo Cortozi Berton
PA962	**Enhancing Abnormal Respiratory Sound Classification with Self-Supervised deep learning using Unlabeled Data** Junhong Jo (Daejeon, Republic of Korea), Taeyoung Ha, Yunkyong Hyon, Mi Ra Lee, Sunju Lee, Chaeuk Chung, Yoonjoo Kim
PA963	**Can a Decline in Rectangular Area Ratio Identify Dynamic Airway Compression? A Mechanical Simulation** Michele Girardi (Torrance, United States), Chu-Yi Wang, Richard Casaburi, Janos Porszasz, Harry B Rossiter, Carrie Ferguson
PA964	**Association Between Right-Sided Heart Failure and Lung Function** Carlos Patricio Chávez Guzmán (MEXICO CITY, Mexico), Dulce Gaonzález Islas, Arturo Orea Tejeda, Luis Aldo Delgado Pérez, María José Hernández Hernández, Ana Gabriela Meléndez Galeana, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Laura Patricia Arcos Pacheco, Esteban Marsel Pacheco Bazaldúa, Alvaro Montañez Orozco, Benigno Valderrábano Salas, Celemi Vigil López
PA965	**Low alveolar volume is related to respiratory symptoms in individuals without chronic airflow limitation** Andrei Malinovschi (Uppsala, Sweden), Xingwu Zhou, Anders Blomberg, Viktor Hamrefors, Åse Johnsson, Hans Lennart Persson, Magnus Sköld, Josefin Sundh, Per Wollmer
PA966	**Long term psychological functioning and correlation with Exercise Capacity and Dyspnea in Patients with Pectus Excavatum after Nuss Surgery.** Szymon Skoczyński (Ruda Śląska, Poland), Małgorzata Farnik, Grzegorz Kudela, Grzegorz Brożek, Joshua Lawson, Szymon Tobor, Agnieszka Skoczyńska, Andrzej Swinarew, Ewa Trejnowska, Igor Radziewicz Winnicki, Katarzyna Repetowska, Jarosław Paluch, Ewa Szklarek, Adam Barczyk, Tomasz Koszutski
PA967	**Comparison of responsiveness to bronchodilators using the 2021 or 2005 ATS/ERS guidelines** Sebastian Ferri (Milan (MI), Italy), Giovanni Paoletti, Sofia Vassallo, Davide Firinu, Giorgio Walter Canonica, Stefano Del Giacco, Enrico Heffler

PA968	**New reference equations for lung function can affect eligibility for lung cancer surgery.** Nicoline Andersen (Odense C, Denmark), Kathrine Nybo Holgersen, Christian Borbjerg Laursen, Jann Mortensen, Flemming Madsen, Morten Bendixen, Amanda Dandanell Juul
PA969	**Transition to ATS/ERS 2022 recommendations for lung function interpretation creates anomalies that vary with age and ethnicity** Matthew Peters (Concord, Australia), Lucy Morgan
PA970	**Timing matters: the impact of morning vs afternoon spirometry in the analysis of 500 spirometry results of patients with suspected asthma** Cara M Gill (Dublin, Ireland), Ciara Ottewill, Patrick Kerr, Margaret Gleeson, Vincent Brennan, Noura Alfeheid, Helen Doherty, Orla Smith, Garrett Greene, Elaine Machale, Richard W Costello

PS-40 Session 72 08:00 - 09:30

Poster session: Advances in imaging biomarkers and artificial intelligence for chronic pulmonary diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | Imaging | General respiratory patient care | Pulmonary function testing | Epidemiology | Public health | Pulmonary rehabilitation

Chairs : Helmut Prosch (Wien, Austria), Christoph Lederer (Heidelberg, Germany)

PA971	**Prevalence of Lung Involvement on HRCT in Rheumatoid Arthritis: A Systematic Review and Meta-analysis** Jonas Aggerholm Bækdal (Hvidovre, Denmark), Laurits Janns, Erik Hansen, Howraman Meteran, Elisabeth Bendstrup, Charlotte Ulrik
PA972	**Longitudinal Changes in Quantitative Imaging Biomarkers are Associated with Increased Risk of Mortality in Connective Tissue Disease-Related Interstitial Lung Disease.** Simon Walsh (London, United Kingdom), Miguel Monteiro, Amy Craster, Muhunthan Thillai
PA973	**Unmasking ABPA: the clinical impact of radiological diagnosis** Rasheeka Valiyakath Puthiyamaliyakkal (Faridabad, India), Swadha Jain, Satyam Agarwal, Pradeep Bajad, Sourabh Pahuja, Arjun Khanna
PA974	**QUANTIFICATION AND ANALYSIS OF LUNG INVOLVEMENT BY ARTIFICIAL INTELLIGENCE IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS TREATED WITH ANTIFIBROTIC THERAPIES** Corrado Pelaia (Catanzaro (CZ), Italy), Caterina Battaglia, Alessia Mondelli, Francesco Turco, Paolo Zaffino, Carlo Cosentino, Francesco Manti, Giuliana Conti, Chiara Lupia, Nicola Montenegro, Antonio Maiorano, Girolamo Pelaia, Pasquale Romeo, Domenico Laganà
PA975	**CT Lung Volume Analysis Correlates with the Presence of Pathological Usual Interstitial Pneumonia in Interstitial Lung Disease** Kenji Tsumura (, Japan), Yoshiaki Zaizen, Tomonori Chikasue, Masaki Tominaga, Junya Fukuoka, Kiminori Fujimoto, Tomoaki Hoshino
PA976	**Use of Artificial Intelligence for Automated X-ray Analysis During the War in Ukraine** Oksana Roossovska (Kyiv, Ukraine), Olesia Medvedieva, Olha Sakalska, Oksana Ushakova, Yana Terleieva, Nazar Vasylenko, Lesia Maniv, Vitalii Mostovyi
PA977	**Making Every CT Count: Automated Body Composition Analysis for Clinical Use in COPD and Beyond** Mia Solholt Godthaab Brath (Aalborg, Denmark), Peter Alexander Rytter Secher, Esben Bolvig Mark, Jens Brøndum Frøkjær, Lasse Riis Østergaard, Henrik Højgaard Rasmussen, Karteek Popuri, Mirza Faisa Beg, Ulla Møller Weinreich
PA978	**Enhancing Pulmonary Disease Diagnosis with AI. A Study of 5,446 Patients Demonstrating Improved Accuracy and Efficiency in CT Imaging** Stevan Ivković (Niš, Republic of Serbia), Dušan Ivković, Aleksandar Ivković
PA979	**Deep Learning-Based COPD Detection: Neural Network Performance Comparison and Model Interpretability Study** Yuepeng Li (Chengdu, China), Rui Zhang, Linfeng Bi, Yi Lei, Ruicen Li, Ting Bao, Zhoufeng Wang, Huaiqiang Sun, Weimin Li
PA980	**CALM-QE - Pilot Study on AI-Based Quantitative CT Thorax Analysis in Stable and Exacerbation Phases of COPD.** Andreas Hoheisel (Freiburg, Germany), Christopher L Schlett, Julius Wehrle, Sebastian Fähndrich, Andrea Prunotto, Andrea Laukhuf, Maria Weymann, Saskia Kiefer, Sabine Feig, Harald Binder, Harald Renz, Daiana Stolz
PA981	**Quantitative CT scoring of mucus plugs in people with cystic fibrosis** Stephanie Thee (Berlin, Germany), Margherita S. Silani, Mirjam Stahl, Antonia Petersen, Thomas Elgeti, Marcus Mall

PA982 **Radiological Predictors of Disease Progression in Non-Specific Interstitial Pneumonia**
Sara Piciucchi (Forlì, Italy), Amita Sharma, Simone Petrarulo, Claudia Ravaglia, Venerino Poletti

PA983 **Body composition in COPD patients with a new AI-based radiological method compared to bioelectrical impedance analysis**
Judith Brock (Heidelberg, Germany), Bettina Katalin Budai, Oyunbileg Stackelberg, Konstantina Kontogianni, Felix Herth

PA984 **Cluster Analysis for Clinical, Radiological, and Histopathological Profiling in Chronic Pulmonary Graft-Versus-Host Disease (PcGVHD)**
Sara Piciucchi (Forlì, Italy), Giuseppe Alfano, Simone Petrarulo, Roland Barbante, Martina Montinaro, Eleonora Antognoni, Emanuela Giampalma, Claudia Ravaglia, Venerino Poletti

PA985 **Small blood vessel volume and exercise capacity in long covid patients**
Noa Verheyen (Wilrijk, Belgium), Wendel Dierckx, Kris Ides, Yinka De Meyer, Eline Lauwers, Wilfried De Backer

PA986 **AI-driven assessment of CT airway abnormalities in alpha-1-antitrypsin deficiency patients: prediction of clinical outcomes**
Gael Dournes, Imene Hadj Bouzid, Klervi Doucet, Ilyes Benlala, Arnaud Maurac, Elodie Blanchard, Patrick Berger, Pauline Henrot, Maeva Zysman

PA987 **Automated CT segmentation volumes of mediastinal pulmonary artery predicts overall survival in hypersensitivity pneumonitis**
Daryl Cheng (London, United Kingdom), Mehran Azimbagirad, Nesrin Mogulkoc-Bishop, Shanshan Wang, Alper Ezircan, Recep Savaş, Robert Chapman, Ryoko Egashira, Daisuke Yamada, Joseph Jacob

PA988 **Evaluation of Radiological Abnormalities One Year After SARS-CoV-2 Pneumonia**
Nour Kallel (Sfax, Tunisia), Yasmine Derbel, Wiem Feki, Nesrine Kallel, Rim Khemakhem, Nedia Moussa, Samy Kammoun, Zeineb Mnif

PA989 **Clinical differences between intralobar pulmonary sequestration and anomalous systemic arterial supply to the basal segment of the lung**
Mio Sugino (Tokyo, Japan), Manabu Suzuki, Daisuke Akahori, Masaaki Nagano, Yusaku Kusaba, Yosie Tsujimoto, Akane Ishida, Masao Hashimoto, Junko Terada, Eriko Morino, Jin Takasaki, Naoki Nishimura, Hiroshi Nokihara, Shinyu Izumi, Masayuki Hojo

PA990 **Usefulness of fluorodeoxyglucose positron emission tomography in assessing connective tissue disease associated interstitial lung disease**
Jei-Yie Huang (Taipei, Taiwan)

PA991 **Late Breaking Abstract - Role of 18F-FDG PET/CT and metabolic biomarkers in NSCLC immunotherapy response assessment**
Roxana Mladin (Mosnita Noua, Romania), Cristian Oancea, Agneta - Maria Pusztai, Diana Manolescu

PS-5 Session 73 08:00 - 09:30

Poster session: Acute respiratory distress syndrome

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Cell and molecular biology Respiratory intensive care Physiology General respiratory patient care Epidemiology Public health Imaging Palliative care

Chairs : Christoph Fisser (Donaustauf, Germany), Jyoti Bajpai (Lucknow (Uttar Pradesh), India)

PA992 **Evaluation of prone position in Acute Respiratory Distress Syndrome (ARDS) and VV-ECMO: preliminary analysis of an animal experimental study**
Filippo Sartori (Verona, Italy), Ana Motos, Kasra Kiarostami, Blanca Llonch, Luigi Zattera, Roberto Cabrera, Alba Soler, Flavia Galli, Federico Carpenteri, Alessandra Pasqua, Antoni Torres, Carlos Ferrando, Enric Barbeta

PA993 **Prognostic and predictive value of stress hyperglycemia ratio in ARDS patients with new global definition: a multicenter cohort study**
Shenghui Li (Shanghai, China), Yang Wang, Xiucheng Liu, Chang Chen

PA994 **The Heterogeneous Effect of High PEEP strategies on Survival in Acute Respiratory Distress Syndrome: preliminary results of a data-driven analysis of randomized trials**
Annemijn Jonkman (Rotterdam, Netherlands), J. Smit, J. Krijthe, J. Van Bommel, D.S. Sulemanji, J. Villar, F. Suárez-Sipmann, R.L. Fernández, F.G. Zampieri, I.S. Maia, A. Biasi Cavalcanti, M. Briel, M.O. Meade, Q. Zhou, R.G. Brower, P. Sinha, B. Bartek, C.S. Calfee, A. Mercat, J-C. Richard, L. Brochard, A. Serpa Neto, C. Hodgson, E.N. Baedorf-Kassis, D. Talmor, D. Gommers, M.E. Van Genderen, M.J.T. Reinders

PA995	**Context-Aware Concept Bottleneck Models: Integrating LLM Insights for Enhanced ARDS Identification** Dominic Marshall (London, United Kingdom), Anish Narain, Ritam Majumdar, Nikita Narayanan, Matthieu Komorowski, Sonali Parbhoo
PA996	**A novel SP-B/SP-C fusion peptide surfactant improves lung function and resists inactivation in experimental RDS** Pavol Mikolka (Martin, Slovakia), Maros Kolomaznik, Petra Kosutova, Nina Kronqvist, Jan Johansson, Andrea Calkovska
PA997	**Spatial Metabonomics and transcriptome study reveals metabolic heterogeneity in lung injury** Ruoyi Shen (Beijing, China), Qinyuan Zhan, Jingen Xia
PA998	**A prospective analysis of two novel mortality prediction scores among hypoxemic adults in sub-Saharan Africa** Swati Goel (San Francisco, United States), Theogene Twagirumugabe, Letizia Trevisi, Doris Uwamahoro, Stephen Gordon, Peter Oduor, George Otieno, Jeanine Condo, Elisabeth Riviello
PA999	**BAP-65 and CURB-65 scores in exacerbations of COPD admitted to ICU** Matthew Donnan (Melbourne, Australia), Jonathan Pham, Aashima Juneja, David Pilcher, Eli Dabscheck
PA1000	**A Deep Learning-Based Prediction Model for Mortality in Severe COVID-19 Patients: A Multi-Center Registry Analysis in Korea** Chang-Seok Yoon (Gwangju, Republic of Korea), Kang-Moon Park, Tae-Ok Kim
PA1001	**A 12-Protein-Based Prognostic Prediction Model for ARDS** Ruoyi Shen (Beijing, China), Jingen Xia, Qingyuan Zhan
PA1002	**Quantitative CT chest (QCT) in covid ards (CARDS) vs non-covid pneumonia ards (nCARDS-pn).** Federica Longo (Monza, Italy), Pierfranco Usai, Stefania Raschi, Martina Piluso, Luca Parachini, Chiara Melacini, Claudio Macaluso, Ludovico Lanfranchi, Francesca D'Arcangelo, Roberta Cattaneo, Cristiano Bonacina, Monica Bernareggi, Serena Bencini, Alessandro Guerrieri, Paolo Scarpazza
PA1003	**Acquired von Willebrand syndrome in patients undergoing VV-ECMO** Esther Dreier (Regensburg, Germany), Matthias Lubnow, Alexander Dietl, Clemens Wiest, Roland Schneckenpointner, Maik Foltan, Alois Philipp, Dirk Lunz, Lars Maier, Thomas Müller, Christoph Fisser
PA1004	**Exploring time-varying corticosteroid effects in ARDS via augmented inverse probability weighting analysis** Dominic Marshall (London, United Kingdom), Matthieu Komorowski, David Antcliffe, Sonali Parbhoo
PA1005	**Risk factors for mortality and IMV/ECMO in US patients hospitalized for viral LRTD** Ekaterina Maslova (Reading, United Kingdom), Malin Fagerås, Sue Johnson, Gopal Dalal, Hashmath Ulla Syed, Srishti Mishra, Hayley D Germack, Andrew Lee, Sayan Chakraborty, Joanna Mcpeake, Nadir Yehya
PA1006	**Impact of tracheostomy on ICU stay in adult patients with ARDS: a systematic review** Veronica Rossi (Milan, Italy), Filippo Binda, Claudio Cordani, Federica Marelli, Serena Tammaro, Sabrina Colombo, Alice Fantini, Annalisa Carlucci, Giacomo Grasselli
PA1007	**Late Breaking Abstract - Optimal PEEP assessment with EIT and transpulmonary compliance in patients with acute hypoxemic respiratory failure** Tommaso Pettenuzzo (Padua, Italy), Gaetano Scaramuzzo, Arianna Castelli, Francesco Zarantonello, Giorgia Pacchiarini, Nicolò Sella, Francesco Monteleone, Valentina Fincati, Pierluigi Ferrara, Domenico Luca Grieco, Emanuele Rezoagli, Annalisa Boscolo, Massimo Antonelli, Giuseppe Foti, Giacomo Grasselli, Savino Spadaro, Tommaso Mauri, Paolo Navalesi
PA1008	**Tocilizumab Efficacy Across Inflammatory Subphenotypes in COVID-19 related ARDS (on behalf of the PANTHER CRC)** Daan Filippini (Amsterdam, Netherlands), Jessica Khyali, Malou Janssen, Emma Rademaker, Olaf Cremer, Tom Van Der Poll, Rombout Van Amstel, Henrik Endeman, Lieuwe Bos
PA1009	**16-Year Analysis of Elderly Patients Followed in Intensive Care Unit with Acute Respiratory Failure: Restrospective Cohort Study** Sinem Gungor (Istanbul, Turkey), Zuhal Karakurt, Nalan Adiguzel, Cuneyt Salturk, Ozlem Yazicioglu Mocin, Baris Yilmaz, Insa Gul Ekiz Iscanli, Gul Erdal Donmez, Huriye Berk Takir, Feyza Kargin, Eylem Tuncay, Cemile Altin, Meltem Agca, Aysegul Berk, Duygu Vezir, Gokay Gungor
PA1010	**Annual variation in intensive care mortality of women with acute respiratory failure: A 11-year cohort study** Sinem Gungor (Istanbul, Turkey), Ozlem Yazicioglu Mocin, Zuhal Karakurt, Gul Erdal Donmez, Baris Yilmaz, Eylem Tuncay, Cuneyt Salturk, Insa Gul Ekiz Iscanli, Cemile Altin, Aysegul Berk, Meltem Agca, Duygu Vezir, Feyza Kargin, Huriye Berk Takir, Nalan Adiguzel, Gokay Gungor
PA1011	**Late Breaking Abstract - Effects of Spontaneous Breathing, Positive Airway Pressure, and pRoteCtive Mechanical Ventilation in a Preclinical Model of Acute Lung Injury. The SPARC Study** Luca Salvatore Menga (Toronto, Canada), Davide Raimondi Cominesi, Payal Samant, Mayson L.A. Sousa, Mattia Docci, Rodrigues Antenor, Anthony Tay, Sheena Bouch, Catherine A. Bellissimo, Roberto Brito, Sabrina Setembre Batah, Alexandre Todorovic Fabro, Ewan C. Goligher, Marc Mcvey, Martin Post, Laurent Brochard

PS-6 Session 74 08:00 - 09:30

Poster session: Decoding fibrotic and inflammatory pathways in lung disease

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Physiology | Imaging

Chairs : Audrey Joannes (RENNES, France), Tom Voisin (Montréal, Canada)

PA1012	**IL-9-producing PP4-deficiency macrophages exacerbate lung inflammation and fibrosis via p38-SGK1 axis** Feng-Ming Yang (Taipei, Taiwan)
PA1013	**Harnessing the power of miR200a: targeting matrix metalloproteinases to combat pulmonary fibrosis** JEENA TM (Mangalore, India), Rakshitha Charavu, Akarsha B Jain, Aleena Varudhese, Fathimath Muneesa
PA1014	**Characterization of a novel inhaled DDR kinase-domain inhibitor in human precision-cut lung slices (PCLuS) from IPF patients** Serena Bertolini (Parma (PR), Italy), Lee Borthwick, Fabio Bignami, Laura Carzaniga, Alessandro Fioni, Allisson Freire Bento, Valentina Mileo, Annalisa Murgo, Andrea Rizzi, Fabio Vaccaro, Gino Villetti, Anna Maria Capelli
PA1015	**Aryl hydrocarbon receptor (AhR) as a Regulator of Pulmonary Fibrosis: Gene Expression Analysis and Therapeutic Implications** Yu-Cheng Wu (Taichung City, Taiwan), Pin-Kuei Fu, Meei-Ling Sheu
PA1016	**Impact of loss-of-function mutations in the MARS1 gene on cellular stress responses in human fibroblasts** Apolline Gonsard (Paris, France), Anais Le, Mairead Kelly-Aubert, Anita Golec, Elise Dreano, Aurélie Hatton, Iwona Pranke, Benoit Chevalier, Alexandre Hinzpeter, Isabelle Sermet-Gaudelus, Alice Hadchouel
PA1017	**SUN1 Accumulation mediates nuclear alteration, a novel hallmark driving Pulmonary hypertension.** Samuel Olapoju (Giessen, Germany), Sarah Eve-Lemay, Prakash Chelladurai, Tara Procida, Anoop Cherian, Dmitry A Goncharov, Golnaz Hesami, Stefan Gunther, Marek Bartkuhn, Werner Seeger, Konda Babu Kurakula, Rajkumar Savai, Elena A. Goncharova, Sébastien Bonnet, Soni Savai Pullamsetti
PA1018	**Impact of pulmonary arterial hypertension therapy on pulmonary artery endothelial cells harvested during right heart catheterization** Anna Sardiné (Barcelona, Spain), Ricardo Aguilar, Rita Fernández-Hernández, Isabel Blanco, Ylenia Roger, Adelaida Bosacoma, Ana Ramírez, Aránzazu Rosado, Alberto Benguría, Ana Dopazo, Victor Peinado, Olga Tura-Ceide, Joan Albert Barberà
PA1019	**Pentadecanoic Acid Attenuates Pulmonary Fibrosis by Inhibiting Smad2/3 Signaling** Yeyoung Kim (Seoul, Republic of Korea), Yejin Han, Gye Sun Jeon, Jin Woo Song
PA1020	**Spontaneous remission of asthma is associated with an increase in ciliated cells and loss of hillock-like cells** Tessa Gillett (Groningen, Netherlands), Hui Wen, Aurore Gay, Martin Banchero, Marijn Berg, Jelmer Vlasma, Tessa Kole, Leonie Apperloo, Petra Van Der Velde, Marnix Jonker, Djoke Van Goslinga, Laura Hesse, Kerstin Meyer, Sarah Teichmann, Gerard Koppelman, Maarten Van Den Berge, Martijn Nawijn
PA1021	**Advanced patient-derived lung-on-chip model replicating the human pulmonary microenvironment** Lea de Maddalena (Bern, Switzerland), Giulia Raggi, Yuliana Tan, Sai Pavan Grandhi, Nicole Albrecher, Laurène Froment, Judith Kamper, Katrina Wisdom, Sarah Hopkins, Nina Hobi
PA1022	**Lyn kinase palmitoylation promotes eosinophil activation and allergic airway inflammation via ST2 signaling.** Shenwei Gao (Hangzhou, China), Fangyi Yu, Yinfang Wu, Zhihua Chen, Wen Li
PA1023	**Characterization of the systemic impact of glucocorticoid-treated exacerbation of COPD in a novel mouse model** Justine Michelle Webster (Maastricht, Netherlands), Sandra J. Van Krimpen, Peiyu Qiu, Behzad Rezaeifar, Sami O. Simons, Annemie M.W.J. Schols, Harry R. Gosker, Ramon C.J. Langen
PA1024	**A human systemic model for concurrent evaluation of antibody-drug conjugates efficacy and interstitial lung disease risk** Guy Barbin (Genève, Switzerland)
PA1025	**Unveiling the impact of VEGFR2/KDR modulation on pulmonary microvascular endothelial cells in COPD/emphysema** Wenjun He (Amsterdam, Netherlands), Xiaoke Pan, Xiaoqing Sun, Beau Neep, Harm Jan Bogaard, Jurjan Aman
PA1026	**Effect of Cyclical Mechanical stretch on gene expression in airway smooth muscle** Ahmed Alshihry (nottingham, United Kingdom), Poojitha Rajasekar, Jamie Patel, Dominick E Shaw, Simon R Jonhson, Amanda Tatler, Rachel L Clifford

PA1027 **Sex-dependent Fth1 regulation shapes heterogeneous neutrophil mitochondrial dysfunction in acute lung injury**
Ximing Liao (Shanghai, China), Di Wu, Jing Gao, Kun Wang, Qiang Li, Wei Gao

PA1028 **Single-cell characterization of loss of mouse Protocadherin-1, a gene for airway hyperresponsiveness**
Bao-Han Ly (Groningen, Netherlands), Uilke Brouwer, Laura Hesse, Arjen Petersen, Lisette Den Boef, Marnix Jonker, Djoke Van Gosliga, Jolanda Van Hengel, Frans Van Roy, Tino Hochepied, Gerard Koppelman, Martijn Nawijn

PA1029 **LSC - 2025 - Modeling COPD with a complex tubular distal airway model integrating the epithelial and mesenchymal compartments**
Katharina Raasch (Pessac, France), Elise Maurat, Eloïse Latouille, Aurélien Richard, Alexander M. Leipold, Pauline Henrot, Maeva Zysman, Renaud Prevel, Thomas Trian, Tobias Krammer, Vanessa Bergeron, Matthieu Thumerel, Pierre Nassoy, Patrick Berger, Antoine-Emmanuel Saliba, Laetitia Andrique, Gaëlle Recher, Isabelle Dupin

PA1030 **A 3D lung Model for anti fibrotic drug discovery**
Gessica Marchini (Parma (PR), Italy), Emanuela Bocchi, Vanessa Pitozzi, Marcello Trevisani, Gino Villetti, Francesca Ruscitti

PA1031 **Late Breaking Abstract - A Phase 1 trial to evaluate the safety, PK and target engagement of MTX-463, a monoclonal antibody inhibitor of WISP1**
Jeffrey Bornstein (Boston, United States), Ahad Sabet, Gabriela Dower, Daniel Tavares, Chris Espelin, Colleen Graham, Daniel Beal, Rezi Zawadski, Kelly Regal, Ben Wilks, Allie Roach, Lin Ji, Saroj Nepal, Paul Yaworsky

PS-7 Session 75 08:00 - 09:30

Poster session: Preclinical insights into rare diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Endoscopy and interventional pulmonology | Physiology | Imaging | Pulmonary function testing

Chairs : Gimano Amatngalim (Utrecht, Netherlands), Killian Hurley (Co. Meath, Ireland)

PA1032 **Inflammatory pattern in upper airway epithelium of Cystic Fibrosis patients**
Elena Pohl (Munich, Germany), Renate Effner, Christian Birk, Anica Lechner, Gudrun Schopper, Karine Pitaval, Constanze A. Jakwerth, Helen Charles, Amr Gabr, Natalie Massberg, Beate Hagl, Susanne Naehrig, Pontus Mertsch, Nina Wantia, Carsten B. Schmidt- Weber, Armin Gruebl, Adam M. Chaker, Ulrich M. Zissler, Ellen D. Renner

PA1033 **Double-stranded RNA-induced macrophage pyroptosis: molecular mechanisms and impact on fibroblast activation**
Lara Di Leonardo (Santa Ninfa, Italy), Luigi Fiore, Maria Rita Giuffrè, Maria Concetta Volpe, Marco Buscetta, Agnese La Mensa, Alice Conigliaro, Mareike Lehmann, Chiara Cipollina

PA1034 **CFTR genotype affects miRNA expression profile in response to innate immunity triggers in airway epithelial cells.**
Aleksandra Szczepankiewicz (Poznań, Poland), Zuzanna Stachowiak, Beata Narożna, Wojciech Langwiński, Kamil Ziarniak

PA1035 **Transcriptomic effects of Azithromycin on airway basal cells in CCDC39 primary ciliary dyskinesia**
Zofia Varenyiova (Prague, Czech Republic), Laura Rojas-Hernandez, Jacquelyn Spano, Vaclav Capek, Carlos Milla

PA1036 **Responsiveness of ciliary movement to ATP in primary ciliary dyskinesia with a long deletion in DRC1**
Miki Abo (Kanazawa (Ishikawa), Japan), Kenta Yamamura, Noriyuki Ohkura, Johsuke Hara, Seiji Yano, Kousuke Imamaura, Shigekuni Hosogi, Kazuhiko Takeuchi

PA1037 **Resolution of Inflammation is Impaired in the Sugen-Hypoxia Mouse Model of Pulmonary Arterial Hypertension**
Chloe Landy (Parkville, Australia), Ting Fu, Miles De Blasio, Owen Woodman, Cheng Xue Qin

PA1038 **Baicalein Attenuates $CD8^+$ T Cell-Mediated Cytotoxicity Against Bronchial Epithelial Cells by Inhibiting Perforin and Granzyme B**
Xinru Xiao (Changzhou, China), Qian Zhang

PA1039 **Seralutinib demonstrates in vitro reduction of vascular inflammatory drivers underlying pulmonary hypertension**
Zhaoqing Ding (San Diego, United States), Elisa Schiavi, Silvia Cantoni, Ravikumar Sitapara, Eduardo Garcia, Jessica Burroughs-Garcia, Robin Osterhout, Lawrence S. Zisman, Sidra Hoffman, Richard Aranda, Daniela Miglietta, Stephan Rosenkranz, Anna R. Hemnes, Adam Byrne, Jean-Marie Bruey, Cormac Mccarthy, Giulia Nuozzi

PA1040 **Bone marrow Mesenchymal Stromal Cells stimulated with Pulsed Electromagnetic Fields for the treatment of pulmonary fibrosis**
Sara Bozzini (Pavia, Italy), Stefania Croce, Chiara Valsecchi, Eleonora Bozza, Elisa Lenta, M. Antonietta Avanzini, Federica Meloni, Patrizia Comoli, Mirko Belliato

PA1041 **RNA editing to correct the Z-allele in models of alpha-1 antitrypsin deficiency allows for maintenance of acute phase response**
Maria Strakosha, Leah Liu, Serge Gottschalk, Kevin Su, Andrew Wantz, Devin Jenness, Maria Popovici-Muller, David Ulkoski, William Fedyk, Shreya Sharma, Ibunkunoluwa Oje, Jacob Flum, Tomas Carroll, Noel Mcelvaney, Diane Ramsden, Mohammad Shadid, Melissa Pink, Venkata Krishnamurthy, Derek Erion

PA1042 **A primary ciliary dyskinesia in vitro model using CRISPR-edited clonal primary epithelial cells**
Elizabeth Haughey (London, United Kingdom), Shalini Kamu Reddy, Jessica Orr, Andrew Farr, Jila N Ajeian, Anna Straatman-Iwanowska, Robert A Hirst, Robert E Hynds, Christopher O'Callaghan

PA1043 **Alpha-1 Antitrypsin deficiency intensifies experimental mucosecretory disease in a hybrid mouse model**
Gary P. Anderson (Parkville (VIC), Australia), Sarah Walker, Zhuang Aowen

PA1044 **NEUTROPHIL EXTRACELLULAR TRAPS MEASUREMENT IN BRONCHOALVEOLAR LAVAGE FLUID OF PATIENTS WITH INTERSTITIAL LUNG DISEASE: A POSSIBLE BIOMARKER IN FIBROSIS?**
Bianca Peixoto (Rio de Janeiro, Brazil), Julia Rodrigues Ferraz Silva, Nadja Polisseni Graça, Nina Rocha Godinho Dos Reis Visconti, Mayck Medeiros Amaral Da Silva, Monique Martins Melo, Marcos De Carvalho Bethlem, Carla Conceição Dos Santos, Michelle Cailleaux Cezar Ferreira, Fernanda Carvalho De Queiroz Mello, Fernanda Ferreira Cruz

PA1045 **Alteration of Th1/Th2 axis in post-covid-19 pulmonary fibrosis**
Geetanjali Bade (New Delhi (Delhi), India), Afsa Junaid, Anjana Talwar, Saurabh Mittal, Anant Mohan, Rupesh Srivastava

PA1046 **Identification of novel markers of progression in Idiopathic Pulmonary Fibrosis (IPF) and Chronic Hypersensitivity Pneumonitis (CHP)**
Megan McKean (Dublin, Ireland), Angela L. Linderholm, Justin Oldham, Philip L. Molyneaux, Toby M. Maher, Cormac Mccarthy, Peter Doran, Adam J. Byrne

PA1047 **TGF-β/Smad signalling through Nrf2 activation which alters the fibrotic phenotype in experimental pulmonary fibrosis**
Arindam Bhattacharyya (Kolkata (West Bengal), India)

PA1048 **Late Breaking Abstract - Primary ciliary dyskinesia patient-specific models to study and treat ciliary dysfunction.**
Bahar Yetkin-Arik (Utrecht, Netherlands), Pim Cleijpool, G. Nefeli Ithakisiou, Hetty H. M. Dreyer, Bram M. Bosch, Rumpa B. Bhattacharjee, Zechen Wang, T. Noelle Lombana, Brandon A. Wustman, Karin M. De Winter-Groot, Eric G. Haarman, Tamara Paff, Gimano D. Amatngalim, Jeffrey Beekman

PA1049 **Late Breaking Abstract - Targeting senescence to reduce inflammation in alpha-1 antitrypsin deficiency (AATD)**
Lucy Kirwan (Dublin, Ireland), Mark Murphy, Lasya Kanchi, Emma Leacy, Malcolm Herron, Caitriona Breathnach, Emma Farrell, Suzanne Roche, Tomas Carroll, Gerry Mcelvaney

PA1050 **Late Breaking Abstract - scRNA-seq analysis reveals that the fibrotic lung milieu amplifies pro-fibrotic effects of pulmonary macrophage transplantation by inducing recipient macrophages to adopt fibrotic characteristics and interact with immune cells via fibrotic signaling**
Jun Ikari (Chiba, Japan), Eiko Suzuki, Akira Urano, Tomohiro Ogino, Kota Kokubo, Hiroki Tajima, Junko Takahashi, Megumi Katsumata, Masaki Suzuki, Ayako Shimada, Nozomi Tanaka, Keiko Yamamoto, Ayumi Sekine, Yoshitoshi Kasuya, Atsushi Onodera, Kiyoshi Hirahara, Koichiro Tatsumi, Takuji Suzuki

PA1051 **Late Breaking Abstract - SOAT1-Mediated Lipid Dysregulation Drives PHMG-Induced Pulmonary Fibrosis: Therapeutic Potential of Avasimibe**
Yuchao Ding (, China), Zhijiao Yan, Jiaxing Sun, Hongmei Wang, Dunqiang Ren

PS-8 Session 76 08:00 - 09:30

Poster session: Emerging mechanisms in interstitial lung disease

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases | Respiratory critical care

Method(s) : Cell and molecular biology Imaging

Chairs : Theodore Kapellos (Munich, Germany), Chair to be confirmed

PA1052 **Lysophosphatidylcholine as a Promising Target for Pulmonary Fibrosis**
juntang yang (Xinxiang, China), Lan Wang, Guoying Yu

PA1053 **Differential transcriptomic profiles of peripheral blood mononuclear cells in progressive and stable forms of interstitial lung diseases**
Minna Purokivi (Kuopio, Finland), Tanja Turunen, Minna Mononen, Siri Lehtonen, Hannele Hasala, Toomas Uibu, Eeva Saari, Riitta Kaarteenaho, Marjut Roponen

PA1054 **Macrophage Plasticity in Pulmonary Fibrosis Pathogenesis and Resolution**
Lan Wang (Xinxiang (Henan), China), Zhongzheng Li, Siqi Long, Guoying Yu

PA1055	**Lung fibroblast specific superoxide dismutase 3 activates PI3K-AKT signaling and promotes lung fibrosis** Wenxiu Xu (Beijing, China), Shiyao Wang, Huaping Dai
PA1056	**Sirtuin2 deficiency suppresses bleomycin-induced pulmonary fibrosis** Kyoung-Hee Lee (Seoul, Republic of Korea), Jimyung Park, Chul-Gyu Yoo, Jisu Woo, Jiyeon Kim, Hyun Seung Lee, Nakwon Kwak, Sun Mi Choi, Chang-Hoon Lee, Sang-Min Lee
PA1057	**Characterisation of Src-family kinase inhibitors in lung fibroblasts shows distinct signalling complexes required for matrix synthesis and differentiation** Madeleine Rossanese (London, United Kingdom), Gessica Marchini, Gloria Modafferi, Barbara Pioselli, Gino Villetti, Rachel Walters, Annabel Kunzemann Martinez, Manuela Platé, Rachel C Chambers
PA1058	**Epithelial-PCSK6 induces proliferation and decreases collagen deposition of fibroblasts through MMP activation** Qian Tian (Amsterdam, Netherlands), Annemiek Dijkhuis, Tom Van Der Poll, Esther Remmerswaal, C. Arnold Spek, Jan Willem Duitman
PA1059	**Osteoglycin fragment suppresses fibroblast activation and promotes lung tissue repair** Luke Van Der Koog (Groningen, Netherlands), Manon Woest, Robin Elferink, Erik Frijlink, Anika Nagelkerke, Reinoud Gosens
PA1060	**Metabolic profiling of blood serum in Post-Covid-19 Pulmonary Fibrosis via NMR** Afsa Junaid (New Delhi, India), Geetanjali Bade, Anjana Talwar, Virendra Kumar, Pradeep Kumar, Shivalika Sharma Bahukhandi, Anant Mohan, Saurabh Mittal
PA1061	**Time course transcriptome analysis of a bleomycin-induced lung fibrosis mouse model** Francesca Ruscitti (Parma (PR), Italy), Sofia Beghi, Paola Caruso, Emanuela Bocchi Bocchi, Mariafrancesca Caputi, Marcello Trevisani, Barbara Montanini, Marco Morselli, Vanessa Pitozzi
PA1062	**The role of Myristic acid in the pathogenesis of pulmonary fibrosis** Han YeJin (Seoul, Republic of Korea), Kim Yeyeong, Jeon Gyesun, Song Jinwoo
PA1063	**An antisense oligonucleotide targeting HSPB5 as an innovating therapeutic approach in pulmonary fibrosis** Olivier Burgy (Dijon, France), Pierre-Marie Boutanquoi, Lenny Pommerolle, Julie Tanguy, Lucile Dondaine, Léo Biziorek, Marine Gautier-Isola, Bernard Mari, Palma Rocchi, Philippe Barthelemy, Guillaume Beltramo, Pierre-Simon Bellaye, Carmen Garrido, Philippe Bonniaud, Françoise Goirand
PA1064	**Lung cellular senescence in a mouse model of idiopathic pulmonary fibrosis induced by repetitive bleomycin installations** Stine Jansen (Hørsholm, Denmark), Stefanie H. Korntner, Asbjørn Graver Petersen, Susanne E. Pors, Linn Salto Mamsen, Mikkel Christensen-Dalsgaard, Yessica Wouters Van Looy, Henrik H. Hansen, Michael Feigh
PA1065	**Antifibrotics target discrete pathogen-associated inflammatory responses in lung cells** Lavanya Raman (Fareham (Hampshire), United Kingdom), Hime Gashaw, Matthew Rickman, Blerina Ahmetaj-Shala, Peter George, Jane Mitchell
PA1066	**A translatable, human pulmonary edema model enables target and drug discovery in idiopathic pulmonary fibrosis exacerbation** Irina Shalashova (Biberach, Germany), Marina Bleck, Ryan Sheehan, John Dalton, Annalena Branz, Heiko Olbrich, Lukasz Boryn, Werner Rust, Michèl Przibilla, Bärbel Lämmle, Alec Dick, Alexander Klimowicz, Matthew J. Thomas, Shawn Anderson, Muriel Lizé
PA1067	**Design of biomimetic platform for drug testing in pulmonary fibrosis** Alessia Cagnan (Modena, Italy), Tiziana Petrachi, Elena Veronesi, Massimo Dominici, Gessica Marchini, Gino Villetti
PA1068	**Effect of diesel exhaust particles on myogenic differentiation and skeletal muscle atrophy: mechanisms regulating the AT-motif binding factor 1 sublocalization and the p-STAT3 signaling pathway** MinJu Kang (Cheongju-si, Chungcheongbuk-do,, Republic of Korea), Jihye Bang, Han Byul Jang, Hyeon Soo Kim, Hyun Joung Lim, Kyung-Ok Uhm
PA1069	**Role of tissue factor in NETosis, inflammation, and coagulation during lung injury: in Vitro and in Vivo approach** Aleena Varughese (Deralakatte (Karnataka), India), Akarsha B Jain, Fathimath Muneesa, Jeena Tm, Rakshitha Charavu
PA1070	**AI-assisted automated Ashcroft scoring of lung fibrosis in spirometry-confirmed and bleomycin-induced mouse model of idiopathic pulmonary fibrosis** Linn Salto Mamsen (Hørsholm, Denmark), Stefanie H. Korntner, Stine M. Jansen, Susanne E Pors, Denise Oró, Asbjørn Graver Petersen, Casper Gravesen Salinas, Henrik H Hansen, Michael Feigh
PA1071	**Divergent Oncostatin M receptor-driven pathways across fibrotic and inflammatory conditions** Andrew Thorley (South San Francisco, United States), Shadi Eshghi, Effi Kenigsberg, Jason Vander Heiden, Mary Keir, Jason Rock

PS-9 Session 77 08:00 - 09:30

Poster session: Different clinical aspects of sleep and obstructive sleep apnoea according to gender, anthropometrics and symptoms

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Epidemiology Public health Physiology

Chairs : Elisa Perger (Milano, Italy), Inês Teixeira Farinha (Maia, Portugal)

PA1072	**Impact of gender on clinical and polysomnographic profiles of patients with obstructive sleep apnea hypopnea syndrome** Bouchra Benzouid (Constantine, Algeria), Mohamed Bougrida, Fouzia Abdelouahab, Mohamed Kheireddine Bourahli
PA1073	**Sex differences in sleep clinic findings in patients with obstructive sleep apnoea** Zoe Bousraou (Zürich, Switzerland), Lara Benning, Silvia Ulrich, Esther Irene Schwarz
PA1074	**Evaluation of patient reported outcomes measurements (PROMs) as an instrument to highlight sex specific unmet needs and potentially treatable traits in OSAS.** Luca Passantino (Rome, Italy), Mario Di Stasio, Chiara Passantino, Mariarita Andreani, Matteo Siciliano, Riccardo Inchingolo, Luca Richeldi
PA1075	**Sex Differences in the Sexual Benefits of CPAP Therapy for OSA: A Narrative Review** Elroy Boers (Calgary, Canada), Kimberly Sterling, Fatima Sert, Will Mcconnell, Alison Wimms, Leanne Kaye
PA1076	**Physiological changes in women's sleep across their lifespan** Maria José Araújo Cunha Guimarães (Palmeira – Stº Tirso, Portugal), Ana Teresa Magalhães Lima
PA1077	**STOP-BANG vs. STOP-BAWG vs. STOP-BWANG for Predicting OSA in the Indian Population** Diptendu Dey (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Raja Dhar
PA1078	**S-AIR Score for Prediction of Likelihood of Obstructive Sleep Apnoea (OSA) in Indian Population.** Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Himanshu Garg, Pratibha Dogra, Arup Halder, Prerana Garg, Deepak Talwar, Virendra Singh, Nishtha Singh, B.P Singh, Prabhat Sahai, Samir Sahu, Manoj Goel, Dipti Gothi, Sonia Dalal, Suryakant Tripathi, Deependra Rai, Saurabh Karmakar, Pralhad Prabhudesai, Mahavir Modi, Indranil Halder, P Arjun, V Deshpande, Nikita Jajodia, David Cunnington, Raja Dhar
PA1079	**Sleep Apnea Clinical Score (SACS) and its ability to detect Obstructive Sleep Apnea (OSA) in physician referred patients in Culiacan, Mexico.** Edgar Urquidez Bazua (Culiacan (Sinaloa), Mexico), Jorge Ivan Miranda
PA1080	**Cross-sectional study of the community Self-Reported Risk of Obstructive Sleep Apnoea Syndrome and levels of awareness in Attica, Greece** Panagiotis Voulgaris (Trikala, Greece), Petros Kassas, Georgios Vavougios, Chrissi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis
PA1081	**Identifying subject at risk for obstructive sleep apnea: a comparison of two screening methods** Migle Jurgelenaite (Kaunas, Lithuania), Guoda Vaitukaitiene, Skaidrius Miliauskas
PA1082	**Why are people with sleep apnea undiagnosed? – The SCAPIS Sleep Cohort** Erik Holmgren (Umeå, Sweden), Mirjam Ljunggren, Anders Blomberg, Baz Delshad, Ludger Grote, Jan Hedner, Christer Jansson, Eva Lindberg, Johan Svensson, Jenny Theorell-Haglöw, Martin Ulander, Xingwu Zhou, Ding Zou, Karl Franklin
PA1083	**Prediction of OSA severity based on clinical parameters** Sébastien Bailly (Grenoble, France), Séverine Berrucaz, Sébastien Baillieul, Marie Destors, Jean-Louis Pépin, Renaud Tamisier
PA1084	**Snoring is related to daytime sleepiness and sleep disturbances independent of sleep apnea** Eva Lindberg (Uppsala, Sweden), Anders Blomberg, Baz Delshad, Karl A Franklin, Ludger Grote, Jan Hedner, Christer Janson, Mirjam Ljunggren, Martin Ulander, Ding Zou, Xingwu Zhou, Jenny Theorell-Haglöw
PA1085	**Daytime sleepiness is reduced over time in European sleep apnea patients - data from the ESADA CRC** Ludger Grote (Göteborg, Sweden), Farncesco Fanfulla, Dries Testelmans, Georgia Trakeda, Athanasia Pataka, Zoran Dogas, Holger Hein, Stefan Mihaicuta, Sebastien Bailly, Ozen K Basoglu, Sophia Schiza, Jan Hedner, Marisa Bonsignore, The Esada Collaborative Network
PA1086	**Unmasking the Dual Faces of OSA: Clinical and Level 1 Polysomnographic Insights into Sleepy vs. Non-Sleepy OSA Phenotypes** Krishnaveni Renganathan (Chennai (Tamil Nadu), India)
PA1087	**Nocturia in sleep apnea syndrome: prevalence and correlations** Sabrine Majdoub Fehri (Nabeul, Tunisia), Wissem Maatoug, Rahma Kallel, Anis Werghemmi, Hamida Kwas

PA1088 **Neck circumference and its relationship with apnea-hypopnea index**
Deniz Dogan Mülazimoglu (Ankara, Turkey), Esra Aktekin Soydan, Elif Akıncı Aydınlı, Banu Gülbay, Turan Acıcan

PA1089 **Diagnostic accuracy of anthropometric measures in uncomplicated patients at risk for obstructive sleep apnea in the European Sleep Apnoea Database**
Alexandros Kalkanis (Leuven, Belgium), Dimitrios Papadopoulos, Athanasia Pataka, Johan Verbraecken, Sophia Schiza, Tarja Saaresranta, Ding Zou, Marta Drummond, Ozen K Basoglou, Paschalis Steiropoulos, Maria R Bonsignore, Sébastien Bailly, Ludger Grote, Dries Testelmans

PA1090 **Anthropometric and Clinical Predictors of Obstructive Sleep Apnea in Older Adults**
Burcu Arpinar Yigitbas (Istanbul, Turkey), Hazal Karadag, Sacit Icten, Coskun Dogan, Esra Yazar

PA1091 **Association between European languages and OSA in the ESADA cohort**
Elisa Perger (Milano, Italy), Mauro Viganò, Sebastien Bailly, Ludger Grote, Marta Drummond, Stefan Mihaicuta, Dries Testelmans, Martino Pengo, Gianfranco Parati, Carolina Lombardi, The Esada Collaborative Network

G104/105 Session 79 08:00 - 10:20

Skills workshop: SW3 SW3: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Physiology | Pulmonary function testing | Pulmonary rehabilitation

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Pierantonio Laveneziana (Paris, France)

08:00 **Assessing breathlessness** **1096**
Paolo Onorati (Alghero (SS), Italy)

08:00 **Laryngoscopy during exercise: live demonstration** **1097**
James H. Hull (London, United Kingdom), Hege Clemm (Paradis, Norway)

08:00 **Ventilatory efficiency and gas exchange** **1098**
Afroditi Boutou (Thessaloniki, Greece)

08:00 **Dynamic hyperinflation and other respiratory measurements: live demonstration** **1099**
William Stringer (Long Beach, United States), Mathieu Marillier (Echirolles, France)

Auditorium Session 80 08:30 - 10:00

State of the art session: Pulmonary vascular diseases

Pulmonary hypertension associated with lung diseases: the most burning questions

Aims : to provide an overview of the most pertinent clinical and translational questions in the field of pulmonary hypertension (PH) associated with lung diseases, which should help clinicians in their daily routine clinical management of patients and clinical researchers to identify clinically relevant research questions.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational)

Chairs : Christophe Guignabert (Paris, France), Olivier Sitbon (Le Kremlin-Bicêtre, France), Nesrin Öcal (Ankara, Turkey)

08:30 **Diagnosis of PH associated with lung diseases: which patients should undergo right heart catheterisation?** **1100**
David Kiely (Sheffield (South Yorkshire), United Kingdom)

08:45 **PH drugs in the management of PH associated with lung diseases: clinical trials and clinical practice** **1101**
Lucilla Piccari (Barcelona, Spain)

09:00 **Novel possible treatment approaches for PH associated with lung diseases: a molecular perspective** **1102**
Martin Kolb (Hamilton (ON), Canada)

09:15	**Lung phenotype in pulmonary arterial hypertension** Marius M. Hoeper (Hannover, Germany)	**1103**
09:30	**Discussion and Q&A** All speakers	**1104**

7A Session 81 08:30 - 10:00

Symposium: Long COVID 5 years on: where are we and where do we need to be?

Long COVID in 2025

Aims : to focus on long COVID 5 years after the COVID-19 pandemic started; to provide the latest insights into the underlying pathophysiology, respiratory sequelae such as post-COVID interstitial lung disease, therapeutic options including rehabilitation and healthcare models for people with long COVID; to provide a global perspective on future directions for research and clinical care of people living with long COVID.

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Respiratory infections

Method(s) : Cell and molecular biology | Physiology | Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Rainer Gloeckl (Schoenau am Koenigssee, Germany), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Jamilah Meghji (London, United Kingdom)

08:30	**Mechanisms underlying long COVID: towards a personalised medicine approach for clinical care and trials** Rachael A. Evans (Leicester (Leicestershire), United Kingdom)	**1105**
08:45	**Post-COVID lung disease: prevalence, treatment and prognosis in 2025** Claudia Valenzuela (Madrid, Spain)	**1106**
09:00	**Rehabilitation for long COVID and post-COVID interstitial lung disease: what do we know in 2025?** Tessa Schneeberger (Schönau am Königssee, Germany)	**1107**
09:15	**Definitions and patient-reported outcomes on long COVID 5 years on: defining the undefinable** Joan B Soriano (Madrid, Spain)	**1108**
09:30	**Discussion and Q&A** All speakers	**1109**

Elicium 2 Session 82 08:30 - 10:00

Clinical trials session: Clinical trials session, ALERT 1: obstructive airway diseases in children and adults

Aims : The ALERT sessions (Abstracts Leading to Evolution in Respiratory Medicine Trials) showcase important and very late-breaking clinical trial data from all respiratory disease areas. Presenters, discussants, session chairs and the audience will actively discuss the showcased trials.

Disease(s) : Airway diseases

Method(s) : Epidemiology | Public health | General respiratory patient care | Physiology | Pulmonary function testing

Tag(s) : Clinical

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Darren Taichman (Boston, United States), Chair to be confirmed

Discussants : Discussant to be confirmed

RCT1110	**RCT Abstract - Paracetamol compared to ibuprofen as required for pain or fever: One-year outcomes for eczema and bronchiolitis in the PIPPA Tamariki RCT** Stuart Dalziel (Auckland, New Zealand), Eunicia Tan, Christopher Mckinlay, Judith Riley, Medhawani Rao, Lisa Mravicich, Shirley Lawrence, Allie Eathorne, Irene Braithwaite, Alex Semprini, Karen Hoare, Nicolette Sheridan, Cameron Grant, David Johnson, Mark Weatherall, Richard Beasley	
RCT1111	**RCT Abstract - Budesonide-formoterol versus salbutamol as reliever therapy in children with mild asthma (CARE): a 52-week, open-label, multicentre, superiority, randomised controlled trial** Lee Hatter (Wellington, New Zealand), Mark Holliday, Karen Oldfield, Ciléin Kearns, Tasmin Barry, Melissa Black, Pepa Bruce, Atalie Colman, Emily Dickinson, Allie Eathorne Mappstat, Matire Harwood, Thomas Hills, Rebekah Lamb, Kyley Kerse, Srinidhi Krishnamoorthy, John Martindale, Alex Semprini, Nick Shortt Mclinres, David Mcnamara, Catherine A Byrnes, Stuart R Dalziel, Andrew Bush, Mark Weatherall, Richard Beasley	

RCT1112	**RCT Abstract - Conservative versus standard oxygen saturation thresholds in children with acute respiratory distress: a multicentre randomised controlled trial (OxyKids).** Sam Louman (Haarlem, Netherlands), Karlijn Van Stralen, Gerard Koppelman, Anja Vaessen-Verberne, Jolita Bekhof, Judith Bosmans, Caroline Brackel, Arvid Kamps, Isme De Kleer, Walter Balemans, Mirjam Scheffer-Rath, Marianne Brouwer, Marije Van Den Beukel, Marjolijn Akkermans, Jos Twisk, Marielle Pijnenburg, Annemie L.M. Boehmer
RCT1113	**Wrap-up by discussant and discussion** Speaker to be confirmed
RCT1114	**Efficacy and Safety of Dupilumab (DUP) vs Omalizumab (OMA) in Chronic Rhinosinusitis with Nasal Polyps (CRSwNP) with Asthma (EVEREST study)** Enrico Marco Heffler (Milano, Italy), Anju T. Peters, Eugenio De Corso, Peter W. Hellings, G. Walter Canonica, Michal Springer, Joaquim Mullol, Philippe Gevaert, Justin Michel, Martin Wagenmann, Sherif Zaghloul, Mei Zhang, Mark Corbett, Scott Nash, James T. Angello, Amr Radwan, Yamo Deniz, Antonio Martin
RCT1115	**RCT Abstract - Budesonide/glycopyrronium/formoterol fumarate dihydrate triple therapy for inadequately -controlled asthma: KALOS and LOGOS study results** Alberto Papi (Cona, Ferrara, Italy), Robert Wise, David J Jackson, Njira Lugogo, Ruchong Chen, Teodora Trasieva, Chidi Obasi, Charlotta Movitz, Jesse Helman, Patricia Salter, Katarzyna Springer, Marco Bondoc, Mihir Shah, Katharine Knappenberger, Karin Bowen, Hitesh Pandya, Ayman Megally, Mehul Patel
RCT1116	**Late Breaking Abstract - Randomised, placebo-controlled trial of astegolimab for COPD with frequent exacerbations: ALIENTO** Neil Greening (Leicester, United Kingdom), Christopher E. Brightling, Ruth Tal-Singer, Bartholome Celli, Àlvar Agustí, Stephanie Korn, Parameswaran Nair, Peter Bremner, Nicola A. Hanania, Wim Janssens, Dorothy S. Cheung, Michele A. Grimbaldeston, Julie Ng, Xiaoying Yang, Divya Mohan, Claus F. Vogelmeier
RCT1117	**Wrap-up by discussant and discussion** Speaker to be confirmed

5A Session 83 08:30 - 10:00

Symposium: Treatment decisions in non-tuberculous mycobacteria lung disease: when to start, when to (de)escalate and when to stop?

Aims : to look beyond the 2020 NTM management guidelines addressing common issues of when to start and stop antimicrobial therapy; to learn about the most recent advances in biomarker research for non-tuberculous mycobacteria (NTM) disease activity and treatment response, which can inform treatment decisions; to get the latest insights into the host immune response to NTM and possible translations to host-directed therapies.

Disease(s) : Airway diseases Respiratory infections

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Journalist

Chairs : Natalie Lorent (Leuven, Belgium), Giovanni Fumagalli (Milano, Italy), Barbara Hoffmann (Düsseldorf, Germany)

08:30	**When should antimicrobial therapy be started in NTM pulmonary disease?** Heinke Kunst (London, United Kingdom)	**1118**
08:45	**The critical role of the host in NTM disease susceptibility and management** Kenneth N. Olivier (Bethesda, United States)	**1119**
09:00	**Monitoring Disease Progression and Treatment Response: Clinical Predictors and Biomarkers** Jea-Joon Yim (Seoul, Republic of Korea)	**1120**
09:15	**Antimicrobial therapy for NTM lung disease: how long is long enough?** Raquel Duarte (Porto, Portugal)	**1121**
09:30	**Discussion and Q&A** All speakers	**1122**

5B Session 84 08:30 - 10:00

Symposium: Lung transplantation in 2025: what's new and on the horizon?

Aims : to provide updates in the field of lung transplantation with a focus on recipient selection, donor management, new diagnostic tools and novel therapies.

Disease(s) : Interstitial lung diseases

Method(s) : Transplantation

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Thoracic surgeon

Chairs : Federica Meloni (Padova, Italy), Dorina Esendagli (Ankara, Turkey), Joanna Chorostowska-Wynimko (Warsaw, Poland)

08:30	**Patient testimony** Ilaria Galetti (Toscolano Maderno, Italy)	**1123**
08:35	**Updates in donor management** Nuria M. Novoa (Majadahonda, Spain)	**1124**
08:50	**New diagnostic and monitoring tools in lung transplant recipients** Sameep Sehgal (Cleveland, United States)	**1125**
09:05	**Acute cellular and antibody-mediated rejection, immunopathological features and therapeutic implications** Antoine Roux (Suresnes, France)	**1126**
09:20	**Upcoming therapies for chronic lung allograft dysfunction** Caroline Patterson (Cambridge, United Kingdom)	**1127**
09:35	**Discussion and Q&A** All speakers	**1128**

5C Session 85 08:30 - 10:00

Symposium: Nasal high-flow: quo vadis?

Aims : to discuss the fundamental physiological effects of nasal high-flow, differences between non-invasive support methods and the significance of nasal high-flow for clinical management in different situations.

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Physiology Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Christian Karagiannidis (Cologne, Germany), Luk Ping Lam (Hong Kong, Hong Kong), Ana Cysneiros (Lisboa, Portugal)

08:30	**Physiological benefits of nasal high-flow: effects in acute and chronic respiratory failure** Marieke L. Duiverman (Groningen, Netherlands)	**1129**
08:45	**Nasal high-flow in acute respiratory failure: how does it compare with supplemental oxygen therapy , continuous positive airway pressure and non-invasive ventilation?** Oriol Roca Gas (Barcelona, Spain)	**1130**
09:00	**Nasal high-flow in chronic respiratory failure: what is the evidence?** Jens Bräunlich (Leipzig, Germany)	**1131**
09:15	**Nasal high-flow: what comes next?** Stefano Nava (Bologna (BO), Italy)	**1132**
09:30	**Discussion and Q&A** All speakers	**1133**

5D Session 86 08:30 - 10:00

Symposium: Importance of the exposome in prevention and treatment of chronic lung diseases

Aims : to define the exposome landscape and its possible risks for human respiratory health; to summarise and clarify what is already known about the role of the exposome in the development of chronic lung diseases including interstitial lung diseases and remaining knowledge gaps; to clarify how the exposome plays an important role in the prevention of chronic lung diseases; to outline the possible influence of the exposome on the early onset of chronic lung diseases; to discuss how measures to reduce exposome involvement might be useful to treat paediatric and adult chronic lung diseases; to present some results of the EXPLAIN inter-assembly collaboration project.

Disease(s) : Airway diseases Interstitial lung diseases Paediatric respiratory diseases

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Scientist (basic, translational), Respiratory therapist

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands), Agnes Boots (Maastricht, Netherlands), Sachin Ananth (London, United Kingdom)

08:30	**Shaping the global exposome landscape from an epidemiological point of view** Ane Johannessen (Bergen, Norway)	**1134**
08:45	**Exposome involvement in early onset of chronic lung diseases** Erol Gaillard (Leicester, United Kingdom)	**1135**
09:00	**Mapping and modifying the exposome to prevent chronic lung diseases from a global perspective** Hsiao-Chi Chuang (Taipei, Taiwan)	**1136**
09:15	**The role of the exposome in development and treatment of interstitial lung diseases** Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece)	**1137**
09:30	**Discussion and Q&A** All speakers	**1138**

Studio Session 88 09:00 - 09:45

EU project: Advancing lung cancer care with real-world evidence, artificial intelligence and computerised clinical guidelines

European Union project: IMI OPTIMA

Aims : to introduce the OPTIMA IMI project and its input to the lung cancer research field; to showcase our developments, including recent lung cancer research questions we are tackling, and the real-world evidence and artificial intelligence analytics platform we have developed and its application to lung cancer research; to present our guideline-based decision support tool; to explore the opportunities for users outside the project to join the effort and participate in these advancements.

Disease(s) : Thoracic oncology

Method(s) : Epidemiology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Patient, Scientist (basic, translational), Thoracic oncologist, Journalist

Chairs : Job F.M. van Boven (Groningen, Netherlands), Georgia Hardavella (Athens, Greece), Heleen Demeyer (Leuven, Belgium)

09:00	**The OPTIMA project: overview, objectives and clinical research** Bertrand De Meulder (Larajasse, France)	**1140**
09:15	**Translating guidelines into action: developing a clinical decision support system for lung cancer** Heinz Vargas (Munich, Germany)	**1141**
09:30	**Discussion and Q&A** All speakers	**1142**

G106/107 Session 89 09:00 - 12:30

Skills workshop: SW6 SW6: Diagnostic techniques in the assessment of sleep-disordered breathing

Additional registration is required for this session

Aims : to discuss various types of sleep studies including their advantages and disadvantages for the diagnosis of sleep-related breathing disorders; to systematically demonstrate the interpretation of poly(somno)graphs in adults and children using examples; to interpret poly(somno)graphy with or without capnometry under therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation) of a sleep-related breathing disorder.

Disease(s) : Paediatric respiratory diseases Sleep and breathing disorders

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Physiologist

09:00	**Different levels of sleep studies** Ding Zou (Gothenburg, Sweden)	**1143**
09:00	**Interpretation of poly(somno)graphy in adults** Renata L. Riha (Edinburgh (Edinburgh), United Kingdom)	**1144**
09:00	**Interpretation of polysomnography/polygraphy in children** Athanasios G. Kaditis (Athens, Greece)	**1145**
09:00	**Interpretation of sleep studies on positive airway pressure therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation)** Athanasia Pataka (Thessaloniki, Greece)	**1146**

Elicium 1 Session 90 09:30 - 10:45

Oral presentation: Interstitial lung disease of known causes: risk factors, detection and management

Disease(s) : Interstitial lung diseases

Method(s) : Imaging Epidemiology Physiology General respiratory patient care Pulmonary function testing

Chairs : Antoine Froidure (Bruxelles, Belgium)

OA1147	**Late Breaking Abstract - Effect of nerandomilast on clinical outcomes in patients with progressive pulmonary fibrosis (PPF): results from the final database lock of the FIBRONEER-ILD trial** Marlies S. Wijsenbeek (Rotterdam, Netherlands), Shervin Assassi, Arata Azuma, Vincent Cottin, Anna-Maria Hoffmann-Vold, Toby M. Maher, Fernando J. Martinez, Justin M. Oldham, Luca Richeldi, Claudia Valenzuela, Hui Gu, Ivana Ritter, Susanne Stowasser, Michael Kreuter
OA1149	**The working life exposome and incidence of interstitial lung diseases: a Danish national cohort study – the EU EPHOR project** Lucile Sese (Paris, France), Jorunn Kirkeleit, Inge Brosbøl Iversen, Theresa Møller, Christine Cramer, Ingrid Sivesind Mehlum, Cecilie Svanes, Anjoeka Pronk, Wenxin Wan, Michelle C Turner, Miguel Santibanez, Damien Mcelvenny, Svetlana Solovieva, Tosca O.E. De Crom, Hans Kromhou, , Ioannis Bassinas, Pernille Wiebert, Jenny Selander, , Elisabeth Bendstrup, Henrik Albert Kolstad, Vivi Schlünssen
OA1150	**A risk estimation tool for early ILD detection in Sjögren Disease** Anna Maria Hoffmann-Vold (Oslo, Norway), Kastriot Kastrati, Marco Sprecher, Emily Langballe, Phuong Phuong Diep, Håvard Fretheim, Helena Andersson, Paul Studenic, Bojana Müller-Durovica, Cathrine Brunborg, Cosimo Bruni, Christian Clarenbach, Thomas Frauenfelder, Trond Mogens Aaløkken, Natascha Moe, Helmut Prosch, Helga Radner, Øyvind Molberg, Oliver Distler
OA1151	**Plasma Proteome Analysis Identifies Biomarkers Associated with Subclinical RA-ILD** Richard Ahn (South San Francisco, United States), Erine H Budi, Johanna Schaub, Martin Decaris, Joyce S Lee
OA1152	**e-Lung Detects Progressive Pulmonary Fibrosis Earlier Than Conventional Tools: Insights from the REVISE-PPF Multicentre Study** Ayodeji Adegunsoye (Chicago, United States), Teja Kulkarni, Anna Podolanczuk, Kristin Berger, Christian Rennison-Jones, Wassim Bou-Zeid, George Harston, Claire Fernandez, Olivier Joly, Anand Devaraj, Peter George
OA1153	**High prevalence of lung ultrasound interstitial syndrome in systemic sclerosis patients with normal HRCT and lung function** Camille MERCIER (Saint-benoit-la-forêt, France), Benjamin Thoreau, Thomas Flament, Sylvie Legué, Arthur Pearson, Stephanie Jobard, Sylvain Marchand-Adam, Laurent Plantier, Elisbaeth Diot
OA1154	**Optimizing Photon Counting CT imaging for Interstitial Lung Disease assessment** Cristina Cretu (Delft, Netherlands), Thomas Koudstaal, Arlette Odink, Mariska Rossius, Nicola Sverzellati, Nicholas Landini, Chiara Romei, Yuko Waseda, Michael Kreuter, Jelle Miedema, Tonia Magri, Daan Caudri, Marlies Wijsenbeek-Lourens, Pierluigi Ciet
OA1155	**Evolution of Treatment Patterns and Their Impact on Disease Progression in Systemic Sclerosis-associated ILD** Corrado Campochiaro (Milan, Italy), Marie-Elise Truchetet, Madelon Vonk, Giacomo De Luca, Giovanna Cuomo, Lidia A Ananieva, Eric Hachulla, Vanessa Smith, Ana Maria Gheorghiu, Radim Becvar, Patricia Carreira, Nicolas Hunzelmann, Daniel E Furst, Vera Ortiz-Santamaria, Francesco Del Galdo, Marco Matucci-Cerinic, Anna-Maria Hoffmann-Vold
OA1156	**B cell depletion at one year is associated with rituximab treatment response in patients with CTD-ILD:an analysis of the RECITAL cohort.** Serena Bellani (Padova, Italy), Paolo Spagnolo, Philip L. Molyneaux, Toby M. Maher
OA1157	**Nintedanib for the treatment of Sars-Cov-2 induced pulmonary fibrosis: a randomized clinical trial (Nintecor)** Guillaume Beltramo (Dijon, France), Philippine Eloy, Toni Alfaiate, Bruno Crestani

OA1148 **Discussion and Q&A**

Forum Session 91 09:30 - 10:45

Oral presentation: Recent advances in paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases

Method(s) : Imaging Pulmonary function testing Epidemiology Physiology

Chairs : Kathryn Ramsey (Perth (WA), Australia)

OA1158 **Late Breaking Abstract - The hypoxic challenge test in infants with severe BPD: associations with peri- and neonatal characteristics and chest CT abnormalities**
Kishan Tsang (Rotterdam, Netherlands), Citta Zaat, Gerdien Tramper-Stranders, Ismé De Kleer, Pierluigi Ciet, Irwin Reiss, Daan Caudri, Liesbeth Duijts, Mariëlle Pijnenburg

OA1160 **Transport and imaging of the neonatal lung on a whole-body MRI scanner and comparison with CT imaging**
Jonathan Smith (Sheffield, United Kingdom), Amy Simmons, Porus Bustani, Robert Morton, Matthew Smedley, David Hughes, Chu-Hai Wong, Jim Wild, Neil Stewart

OA1161 **Applying adult spirometry phenotypes to very preterm children?**
Tiffany Bradshaw (Perth (WA), Australia), Sanja Stanojevic, Shannon Simpson

OA1162 **Evaluating the ERS 2021 guideline for asthma diagnosis in children.**
Laura Healy (Manchester, United Kingdom), Andrew J Simpson, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen J Fowler, Angela Simpson, Clare S Murray

OA1163 **SwissPedLung – a data stream enabling retrospective analysis of guideline changes through large-scale data**
Xenia Bovermann (Bern, Switzerland), Anna Hartung, Léa Ho Dac, Tabitha Arn-Roth, Fabiën N. Belle, Claudia E. Kuehni, Philipp Latzin

OA1164 **The effect of virtual reality glasses on pulmonary function test performance in children aged 6-8 years**
Sule Selin Akyan Soydaş (ANKARA, Turkey), Gökçen Ünal

OA1165 **Evaluation of Artificial Intelligence Accuracy in Interpreting Pulmonary Function Tests:A Comparison of ChatGPT 4o, DeepSeek R1, and Claude 3.5 Sonnet**
Kübra Özkaya (izmir, Turkey), Gökçen Kartal Öztürk, Ece Ocak, Figen Gülen

OA1166 **Breath of Change: Understanding PFT in Transgender Youth**
Michal Cahal, Asaf Oren, Mika Rochman, Anat Segev-Becker, Moria Be'Er, Yael Lebenthal, Moran Lavie, Liat Perl

OA1167 **Feasibility, consistency and clinical application of impedance pneumography to detect bronchial obstruction in preterm born infants**
Inger van Duuren (Rotterdam, Netherlands), K.D. Tsang, M.W.H. Pijnenburg, I.M. De Kleer, L. Duijts, G.A. Tramper-Stranders

OA1168 **Inefficient ventilatory response to exercise in children with Bronchopulmonary Dysplasia**
Eleana Kouroukli (Thessaloniki, Greece), Kosmas Sarafidis, John Tsanakas, Elpis Hatziagorou

OA1159 **Discussion and Q&A**

3A Session 92 09:30 - 10:45

Oral presentation: Future bronchoscopic interventions

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology

Chairs : Daniela Gompelmann (Vienna, Austria), Chair to be confirmed

OA1169 **Late Breaking Abstract - Artificial Intelligence-assisted Bronchoscopy Drives Precise Anatomical Identification and Airway/Lung Lesions Detection (BronchoAI): A multicentre model development and first-in-human trial**
Junfeng Huang (guangzhou, Guangdong, China), Zikai Lin, Jingsheng Lin, Qingjian Xv, Shiyue Li

OA1171 **The effects of Metered cryospray on quantitative computed tomography metrics in patients with COPD with chronic bronchitis**
Christopher M Orton (London, United Kingdom), Anand Tana, Ley T Chan, Silviu T Marc, Francesca Conway, Alexandra N Baikov, Rebecca E Wawman, Mark Eastwood, Bavithra Vijayakumar, John Thornton, Lauren D'Sa, Jorine E Hartman, Karin Klooster, Dirk-Jan Slebos, Robertus Jan Lukas, Pankaj Bhavsar, Pallav L Shah

OA1172	**Pleural biopsy in undiagnosed exudative pleural effusion with dual-function semirigid thoracoscopy and initial clinical testing** Ziwen Zheng (Beijing, China), Mingming Deng, Gang Hou
OA1173	**Electromagnetic navigation-guided electronic lung biopsy with electrical impedance spectroscopy: a feasibility study in peripheral pulmonary nodules.** Albert Rafecas-Codern (Barcelona, Spain), Georgina Company-Se, Lexa Nescolarde, Anna Farrés-Castany, Pere Serra, Marta Navarro, Pere J. Riu, Javier Rosell, Mar Vega, Ramón Bragós, Virginia Pajares
OA1174	**The Role of Fused Fluoroscopy in Diagnosing Pulmonary Nodules** Faustina Funke (Essen, Germany), Kaid Darwiche, Marcel Opitz, Jane Winantea, Hanna Zellerhoff, Johannes Wineker, Christian Taube, Erik Büscher
OA1175	**The impact of heterogeneity and fissure integrity on the treatment response of Airway Scaffolds for emphysema-related hyperinflation** Anand Tana (London, United Kingdom), Arschang Valipour, Alvin Ing, Daniel P Steinfort, Christopher M Orton, Justin L Garner, Ashish Karir, Karin Klooster, Theresa Klemm, Jonathan P Williamson, Jemma J Christie, David Koster, Kelly Welz, Marlies Van Dijk, Stephanie A Tuck, Martin L Mayse, Dirk-Jan Slebos, Pallav L Shah
OA1176	**Residual volume (RV) change correlates with meaningful outcome measures in patients with emphysema-related hyperinflation following treatment with Airway Scaffolds** Anand Tana (London, United Kingdom), Arschang Valipour, Alvin Ing, Daniel P Steinfort, Christopher M Orton, Justin L Garner, Ashish Karir, Karin Klooster, Theresa Klemm, Jonathan P Williamson, Jemma J Christie, David Koster, Kelly Welz, Marlies Van Dijk, Kristina Rouw, Martin L Mayse, Dirk-Jan Slebos, Pallav L Shah
OA1177	**Endobronchial ultrasound-guided transbronchial mediastinal cryobiopsy via a tunnel for diagnosing non-metastatic lymphadenopathy: a multicenter randomized controlled trial** Mingming Deng (Beijing, China), Gang Hou, Ziwen Zheng, Run Tong
OA1178	**Robotic-Assisted Bronchoscopy with Integrated Cone-Beam CT vs. Conventional Bronchoscopy for Diagnosing Peripheral Pulmonary Lesions: An Open-Label Randomized Controlled Trial** Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Gian-Marco Monsch, Didier Schneiter, Scott Oh, Eleni Theano Samara, Isabelle Opitz, Christian Clarenbach, Silvia Ulrich, Malcom Kohler, Thomas Gaisl
OA1179	**Comparison of Virtual, Electromagnetic, and Robotic-Assisted Navigational Bronchoscopy Platforms for Diagnosing Peripheral Pulmonary Lesions: A Single-Center Cohort Study** Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Christian Clarenbach, Silvia Ulrich, Malcolm Kohler, Thomas Gaisl
OA1170	**Discussion and Q&A**

3B Session 93 09:30 - 10:45

Oral presentation: Charting new avenues: emerging insights and future therapies in airway diseases

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology General respiratory patient care Palliative care Epidemiology Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Chairs : Lena Uller (Lund, Sweden), Reshed Abohalaka (Göteborg, Sweden)

OA1180	**Late Breaking Abstract - Amlitelimab phase 2 clinical trial results in patients with moderate-to-severe asthma** Praveen Akuthota (San Diego, United States), Mario Castro, Ian Pavord, Katherine Cahill, Michael Wechsler, Christopher Brightling, Guy Gherardi, Natalie Rynkiewicz, Yuqing Xu, Heribert Staudinger, Karl Yen, Karina Maslova
OA1182	**Airway lumen patency improvements from baseline to 6 months in patients with emphysema-related hyperinflation treated with a novel self-expanding nitinol airway scaffold** Theresa Klemm (Vienna, Austria), Anand Tana, Alvin Ing, Daniel P. Steinfort, Christopher M. Orton, Karin Klooster, Jonathan P. Williamson, Jemma J. Christie, Justin L. Garner, T. David Koster, Kelly Welz, Marlies Van Dijk, Samuel Scaglione, Pallav L. Shah, Dirk-Jan Slebos, Arschang Valipour
OA1183	**IL-5 CAR-T cell therapy: a transformative approach for eosinophil-driven respiratory diseases** Youqian Wu (Hangzhou, China), Ruiqi Zhang, Beibei Sun, Gaoying Chen, Fang Xu, Xinyi Chen, Dan Shen, Fan Shi, Sheng Pan, Bingpeng Yao, Haoyu Tang, Zhehua Shao, Qian Wu, Jiawei Shao, Chao Zhang, Songmin Ying
OA1184	**Autologous transplantation of airway basal stem cells in COPD patients: A randomized, single-blind, placebo-controlled phase 2 trial** Wei Zuo (Shanghai, China), Lingyun Niu, Ting Zhang, Shiyue Li

OA1185	**The effects of a novel macrolide glasmacinal (EP395) on alveolar macrophage phenotype and phagocytosis in COPD** Simon Lea (Manchester (Greater Manchester), United Kingdom), Jian Li, James Baker, Jennifer Kricker, Michael J. Parnham, Dave Singh
OA1186	**Differentially-Expressed Genes (DEGs) related to anti-IL5/IL5Rα therapeutic response in Severe Eosinophilic Asthma** Katie Raby (London, United Kingdom), Nazanin Zounemat-Kermani, Khezia Asamoah, Piers Dixey, Freda Yang, Pujan Patel, Sungho Won, Tae-Bum Kim, Dragana Vuckovic, Marc Chadeau-Hyam, Ian M Adcock, Pankaj Bhavsar, Kian Fan Chung
OA1187	**Antiviral effects of a RIG-I agonist (RIG101) against human rhinovirus in mice and differentiated bronchial epithelium from asthmatics** Hugo Ombredane (London, United Kingdom), Leah Daly, Ian Knowles, Jag Shur, Susan Sobolov, Garth Rapeport, Kazuhiro Ito
OA1188	**Morphine or Fentanyl for Refractory Dyspnea in COPD: a multicenter, cross-over RCT** Marlies van Dijk (Groningen, Netherlands), Kris Mooren, Jan-Willem Van Den Berg, Wendy Van Beurden-Moeskops, Roxane Heller-Baan, Sander De Hosson, Wai Yee Lam-Wong, Liesbeth Peters, Remge Pieterman, Karin Pool, Huib Kerstjens
OA1189	**ETH47 is a novel mRNA drug candidate for the prevention of asthma exacerbations** Thomas Langenickel (Planegg, Germany), Nigel Tomkinson, Julia Strohwasser, Marija Marolt, Julia Nennstiel, Constanze List, Christian Dohmen, Claudia Wilfers, Michaela Koburg, Katharina Sohr, Steffen Meyer, Eva Lichtenegger-Hartl, Anna Macht, Elisa Murenu, Elisabeth Wilkowski, Elke Tatjana Aristizabal-Prada, Christian Plank, Carsten Rudolph
OA1190	**AI-Driven Identification of High-Risk COPD Patients for Biologic Therapy: Pathway Development Opportunities** Chris Carlin (Glasgow (Glasgow), United Kingdom), Anna Taylor, Andrew Cushing, Eve Walker, David Lowe
OA1181	**Discussion and Q&A**

Amtrium Session 94 09:30 - 10:45

Oral presentation: From omics to targets: emerging insights into chronic pulmonary disease mechanisms

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Physiology

Chairs : Arnaud Mailleux (Paris, France), Chair to be confirmed

OA1191	**Late Breaking Abstract - Reversing cleared lung samples for multi-dimensional analysis in therapeutic discovery** Leonor Simoes (Montreal, Canada), Nika Gvazava, Noelia Redondo, Darcy Wagner
OA1193	**LSC - 2025 - Sex hormones in Systemic Sclerosis: A pathway to sex-specific therapeutics** Pamela Waked (Graz, Austria), Anna Birnhuber, Petra Kotzbeck, Ines Foessl, Diana Zabini, Leigh M. Marsh, Slaven Crnkovic, Andrea Olschewski, Barbara Obermayer-Pietsch, Grazyna Kwapiszewska, Valentina Biasin
OA1194	**Lung function epigenetic markers across the lifespan** Sandra Casas Recasens (Barcelona, Spain), Julieta Viglino, Maaike De Vries, Judith M. Vonk, Xander Bertels, Lies Lahousse, Simon K. Merid, Erik Melén, Negusse Kitaba, John W. Holloway, Maribel Casas, Alvar Agustí, Rosa Faner, Cadset Clinical Research Collaboration Of The European Respiratory Society
OA1195	**Bi-allelic LAMP3 variants in childhood interstitial lung disease: a new surfactant-related disease. A CRC chILDEU study** Camille Louvrier (Paris, France), Tifenn Desroziers, Yohan Soreze, Martha Delgado Rodriguez, Lucie Thomas, Valérie Nau, Florence Dastot-Le Moal, Jonathan A. Bernstein, F. Sessions Cole, Markus Damme, Anthony Fischer, Matthias Griese, Daniel Hinds, Laura Keehan, Carlos Milla, Hadhud Mohammad, Jonathan Rips, Jennifer A. Wambach, Daniel J. Wegner, Serge Amselem, Marie Legendre, Irina Giurgea, Sonia Athina Karabina, Oded Breuer, Aurore Coulomb L'Herminé, Nadia Nathan
OA1196	**Single-cell analysis of cryobiopsy samples from patients with early IPF reveals loss of alveolar epithelial cells, and emergence of aberrant basaloid cells** Aurélien Justet (Caen, France), Taylor Adams, Johad Khoury, Agshin Balayev, Jonas Schupp, Edward Manning, Amy Zhao, Farida Ahangari, Xiting Yan, Claudia Ravaglia, Venerino Poletti, Sara Tomasseti, Naftali Kaminski
OA1197	**Single-cell RNA sequencing of small airways of young persons who use e-cigarettes** Dina Yehia (Vancouver, Canada), Xuan Li, Firoozeh V. Gerayeli, Elizabeth Guinto, Stephen Milne, Chung Y. Cheung, Cassie L. Gilchrist, Julia S. W. Yang, Alexandra Schmidt, James Liggins, Rachel L. Eddy, Clarus Leung, Carolyn J. Wang, Janice M. Leung, Don D. Sin

OA1198	**Genetic, spatial transcriptomic and functional links between IL-11 and pulmonary fibrosis (PF)** Marc Kaestle (Biberach an der Riß, Germany), Yao Hu, Christoph Mayr, Anita Schönleber, Stephan Klee, Eva Thaler, Janine Beier, Annika Maier, Maria Myzithras, Boris A. Bartholdy, Zhihao Ding, Matt Thomas
OA1199	**Proteomic Insights into Platelet Dysregulation and Pathogenic Mechanisms of Chronic Thromboembolic Pulmonary Hypertension** Lu Sun (Beijing, China), Haobo Li, Yuhan Li, Han Tian, Jixiang Liu, Shiqing Xu, Peiran Yang, Zhenguo Zhai
OA1200	**Ikzf2 is identified as an eosinophil-basophil-mast cell (EBM) lineage marker and upregulated in asthma** Haoyu Tang (Hangzhou, China), Sheng Pan, Bingpeng Yao, Chao Zhang, Songmin Ying
OA1201	**Seralutinib targets fibrotic pathways in IPF: Evidence from single-cell transcriptomics** Rui Benfeitas (Stockholm, Sweden), Robin Osterhout, Eduardo Garcia, Ravikumar Sitapara, Vanessa Pitozzi, Sidra Hoffman, Lawrence Ho, Zhaoqing Ding, Luís Magalhães, Silvia Parolo, Richard Aranda, Gísli Jenkins, Toby M. Maher, Jean-Marie Bruey, Roham T. Zamanian
OA1192	**Discussion and Q&A**

Studio — Session 96 — 10:00 - 10:45

Congress theme session: Digital monitoring for clinical care and decentralised trials

Aims : to discuss the novel multidimensional evaluation of home-based monitoring for clinical care and research application in chronic lung disease; to explore the utility and potential barriers of implementing patient-reported outcome-based remote monitoring, including the need for cross-cultural adaptation; to describe how the design of decentralised clinical trials can improve access to respiratory research, as well as the necessary considerations and potential solutions; to focus on the development and implementation of remote care monitoring and decentralisation for respiratory care and research in low- and middle-income countries.

Disease(s) : Airway diseases | Interstitial lung diseases

Method(s) : General respiratory patient care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist

Chairs : Job F.M. van Boven (Groningen, Netherlands), Georgia Hardavella (Athens, Greece), Heleen Demeyer (Leuven, Belgium)

10:00	**Home-based monitoring in chronic lung disease: what to consider in daily care and clinical trials?** Yet Hong Khor (Melbourne (VIC), Australia)	**1203**
10:15	**Can digitalisation and decentralisation accelerate universal health coverage in low- and middle-income countries?** Bruce Kirenga (Kampala, Uganda)	**1204**
10:30	**Discussion and Q&A** All speakers	**1205**

Auditorium — Session 97 — 10:15 - 11:45

Clinical cases: Lungs on fire: Pulmonary vascular diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Christophe Guignabert (Paris, France), Olivier Sitbon (Le Kremlin-Bicêtre, France), Nesrin Öcal (Ankara, Turkey)

Discussants : Marion Delcroix (Leuven, Belgium), Gabor Kovacs (Graz, Austria)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: L. Khalaili (Israel)** Marion Delcroix (Leuven, Belgium)	**1206**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: L. McCourt (Ireland)** Gabor Kovacs (Graz, Austria)	**1207**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: Y. Liang (China)** Marion Delcroix (Leuven, Belgium)	**1208**

11:21	**Case 4 incl. panel discussion and Q&A - Submitter: A. Selvam (India)** Gabor Kovacs (Graz, Austria)	**1209**

7A Session 98 10:15 - 11:45

Hot topics: Integrated respiratory services and digital health: streamlining system provision

Aims : to explain the fundamentals and processes of an effective digital respiratory health service; to explain the importance of workforce training and preparation to meet the digital health demands in integrated respiratory care and to deliver a successful and safe digital health model tailored to patients' needs across all ages and socioeconomic profiles; to identify the specific key players and roles in the delivery and management of digital health in respiratory care; to standardise effective digital model delivery across Europe and the globe via providing structured education, up-skilling the workforce and designing uniformly accepted standard operational procedures.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Paediatrician, Pathologist, Physician in Pulmonary Training, Respiratory physiotherapist, Thoracic oncologist, Respiratory therapist

Chairs : Rainer Gloeckl (Schoenau am Koenigssee, Germany), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Jamilah Meghji (London, United Kingdom)

10:15	**Setting up integrated digital respiratory care services: overcoming the boundaries** Jellien Makonga-Braaksma (Woudenberg, Netherlands)	**1210**
10:30	**Technology involvement in respiratory care: leadership and workforce preparation. Can we streamline the model on technical infrastructures and workforce skills across the globe?** Maria Koulopoulou (London, United Kingdom)	**1211**
10:45	**Embedding technology in integrated respiratory systems around the globe to tackle disease burden: the example of eDOT in tuberculosis** Speaker to be confirmed	**1212**
11:00	**Implementation of digital healthcare models in respiratory medicine: overcoming the different challenges across the globe** Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)	**1213**
11:15	**Discussion and Q&A** All speakers	**1214**

Elicium 2 Session 99 10:15 - 11:45

Journal session: From the editors' desk

European Respiratory Journal and New England Journal of Medicine session

Aims : To discuss the latest high impact published data from the ERJ and the NEJM. We will present 4 recently published/accepted papers covering diverse topics in respiratory medicine

Tag(s) : Clinical

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Darren Taichman (Boston, United States), Chair to be confirmed

10:15		**1215**
10:30		**1216**
10:45		**1217**
11:00		**1218**
11:15	**Discussion and Q&A** All speakers	**1219**

5A Session 100 10:15 - 11:45

Hot topics: Fighting global threats to respiratory health: how to make a difference

Aims : to explore the many challenges affecting lung health around the world; to share strategies aiming to reduce the air pollution both indoors and outdoors and tackle the return of tuberculosis; to address the alarming inequities in respiratory non-communicable diseases worldwide and stress the need for action; to address the widespread problem of healthcare misinformation and discuss tools to fight it.

Chairs : Natalie Lorent (Leuven, Belgium), Giovanni Fumagalli (Milano, Italy), Barbara Hoffmann (Düsseldorf, Germany)

10:15	**Indoor and outdoor air pollution** Kristie Ebi (Seattle, United States)	**1220**
10:30	**Revisiting tuberculosis to make a difference** Keertan Dheda (Cape Town, South Africa)	**1221**
10:45	**Addressing inequities in respiratory noncommunicable diseases globally** JOSE LUIS CASTRO (Neuilly sur Seine, France)	**1222**
11:00	**Fighting misinformation in healthcare** Hervé Maisonneuve (Lyon, France)	**1223**
11:15	**Discussion and Q&A** All speakers	**1224**

5B Session 101 10:15 - 11:45

Symposium: Diagnosis of mesothelioma and malignant pleural effusion: the future

Aims : to review the evidence base for radiological diagnosis and monitoring of malignant effusion and mesothelioma; to explain the role of circulating tumour DNA and molecular techniques in the current diagnosis and management of malignant pleural effusion; to review the evidence base for optimal diagnostic biopsy and structured follow-up of patients with suspicious pleural lesions; to explain the role of biomarkers and clinical data in outcome prediction in mesothelioma.

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Pathologist, Radiologist, Thoracic oncologist

Chairs : Federica Meloni (Padova, Italy), Dorina Esendagli (Ankara, Turkey), Joanna Chorostowska-Wynimko (Warsaw, Poland)

10:15	**Mesothelioma phenotyping and outcome prediction** Speaker to be confirmed	**1225**
10:30	**Modern radiology and the diagnosis of malignant pleural disease** Selina Tsim (Glasgow (Glasgow), United Kingdom)	**1226**
10:45	**Circulating tumour DNA and pleural malignancy diagnosis: ready for the bigtime?** Kamran Mahmood (Raleigh, United States)	**1227**
11:00	**Image-guided biopsies, thoracoscopy and the negative biopsy: how should we proceed?** Anand Sundaralingam (Oxford, United Kingdom)	**1228**
11:15	**Discussion and Q&A** All speakers	**1229**

5C Session 102 10:15 - 11:45

Mini symposium: Infections in severe respiratory failure

Aims : to discuss infections in severe respiratory failure, especially the importance of influenza and fungal infections in everyday clinical practice.

Disease(s) : Airway diseases Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Physiology Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Christian Karagiannidis (Cologne, Germany), Luk Ping Lam (Hong Kong, Hong Kong), Ana Cysneiros (Lisboa, Portugal)

10:15	**Understanding the alveolar host response in acute respiratory distress syndrome and pneumonia** Martin Witzenrath (Berlin, Germany)	**1230**
10:30	**Bacterial superinfections in viral pneumonia** Ignacio Martin-Loeches (Dublin, Ireland)	**1231**
10:45	**Fungal infections in non-resolving acute respiratory distress syndrome** Simon Feys (Leuven, Belgium)	**1232**

11:00	**Discussion and Q&A** All speakers	**1233**

5D Session 103 10:15 - 11:45

Mini symposium: Forewarned is forearmed: cohort studies in the mission to understand structural and immunological determinants of early disease in chronic obstructive pulmonary disease

Aims : to summarise highlights from longitudinal cohort studies that provide insight into the structural and immunological features of early disease manifestations in chronic obstructive pulmonary disease (COPD); to provide insights into potential mechanisms implicated in early disease, how these manifest in terms of clinical presentation and some potential avenues for early screening and intervention.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Physiologist, Respiratory physiotherapist

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands), Agnes Boots (Maastricht, Netherlands), Sachin Ananth (London, United Kingdom)

10:15	**Preterm birth, bronchopulmonary dysplasia and development of lung function: a road to COPD?** Sanja Stanojevic (Halifax (NS), Canada)	**1234**
10:30	**Early identification of airway diseases: results from the Undiagnosed COPD and Asthma Population (UCAP) trial and beyond** Shawn Aaron (Ottawa (ON), Canada)	**1235**
10:45	**COPD risk and prognosis in individuals with low smoking exposure: Results from the Copenhagen City Heart Study** Yunus Çolak (Espergærde, Denmark)	**1236**
11:00	**Discussion and Q&A** All speakers	**1237**

G104/105 Session 107 10:40 - 13:00

Skills workshop: SW4 SW4: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Chairs : Mathieu Marillier (Echirolles, France)

10:40	**Assessing breathlessness** Michele Schaeffer (Vancouver, Canada)	**1243**
10:40	**Laryngoscopy during exercise: live demonstration** James H. Hull (London, United Kingdom), Hayley Lewthwaite (Merewether, Australia)	**1244**
10:40	**Ventilatory efficiency and gas exchange** J. Alberto Neder (Kingston (ON), Canada)	**1245**
10:40	**Dynamic hyperinflation and other respiratory measurements: live demonstration** Pierantonio Laveneziana (Paris, France), Afroditi Boutou (Thessaloniki, Greece)	**1246**

Elicium 1 Session 108 11:00 - 12:15

Oral presentation: Emerging clinical trials in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium)

OA1249	**The novel angiotensin II type 2 receptor agonist buloxibutid improves lung function in IPF compared to real-world external IPF control arms** Toby M Maher (Los Angeles, United States), Bertil Lindmark, Göran Tornling, Muhunthan Thillai, Simon Walsh, Thomas Bengtsson, Cecilia Ganslandt, Jonathan Langley, Philip Molyneaux
OA1250	**Phase 2a signal searching study with zelasudil in idiopathic pulmonary fibrosis (IPF)** Toby Maher, Nikhil Hirani, Nazia Chaudhuri, Helen Timmis, Elaine Kilgour, Helen Mckeever, Nicholas E.S Guisot, Elspeth Asken, Emma Mcmurty, Shweta Vyas, David Wilson, Sarah Bujac, Caroline Phillips, Phil Molyneaux
OA1251	**Rentosertib, a generative AI-discovered TNIK inhibitor improves lung function in IPF patients** Zuojun Xu (, China), Ping Wang, Jie Cao, Chunting Tan, Dedong Ma, Li Zhao, Toby Maher, Alex Zhavoronkov, Feng Ren, Sujata Rao, Carol Satler, Sang Liu, Yuan Lv, Heng Zhao, Alex Aliper
OA1252	**Initiation of supplemental oxygen in the FIBRONEER-IPF trial of nerandomilast in patients with idiopathic pulmonary fibrosis** Marlies S. Wijsenbeek (Rotterdam, Netherlands), Arata Azuma, Vincent Cottin, Michael Kreuter, Toby M Maher, Fernando J Martinez, Justin M Oldham, Claudia Valenzuela, Yi Liu, Susanne Stowasser, Donald F Zoz, Luca Richeldi
OA1253	**Effect of nerandomilast in subgroups of patients with idiopathic pulmonary fibrosis (IPF) in the FIBRONEER-IPF trial** Claudia Valenzuela (Madrid, Spain), Arata Azuma, Vincent Cottin, Michael Kreuter, Toby M Maher, Fernando J Martinez, Justin M Oldham, Marlies S Wijsenbeek, Maud Gordat, Daniel Wachtlin, Christina Schlecker, Gerrit Weimann, Donald F Zoz, Luca Richeldi
OA1254	**TETON phase 3 clinical trials of inhaled treprostinil in the treatment of idiopathic pulmonary fibrosis** Steven D Nathan (Falls Church, United States), Juergen Behr, Vincent Cottin, Lisa Lancaster, Peter Smith, Youlan Rao, Natalie Breytenbach, Heidi Bell, Leigh Peterson, Kevin Flaherty
OA1255	**TETON-PPF clinical trial of inhaled treprostinil for the treatment of progressive pulmonary fibrosis** Steven D Nathan (Falls Church, United States), Juergen Behr, Vincent Cottin, Lisa Lancaster, Peter Smith, Youlan Rao, Natalie Breytenbach, Heidi Bell, Leigh Peterson, Kevin Flaherty
OA1256	**The COCOS-IPF Core Outcome Set for progressive pulmonary fibrosis** Sofie Breuls (Leuven, Belgium), Vivien Somogyi, Silja Schenk, Nur Toreyin, Steve Jones, Liam Galvin, Jeanette Boyd, Anouk Delameillieure, Liesbet Van Bulck, Thomy Tonia, Ömer Faruk Dadaş, Michael Kreuter, Nesrin Moğulkoç, Nikola Stenzel, Wim Wuyts, Fabienne Dobbels
OA1257	**IPF COMFORT Study: A randomised, controlled trial evaluating the safety and efficacy of orvepitant as a treatment for chronic cough in IPF** Surinder S. Birring (London, United Kingdom), Nazia Chaudhuri, Kevin Flaherty, Simon Hart, Alexandra Lawrence, Toby Maher, Steve Pawsey, Susan Seymore, Mike Trower, Marlies Wijsenbeek, Alyn Morice
OA1248	**Discussion and Q&A**

Forum Session 109 11:00 - 12:15

Oral presentation: Paediatric asthma: important novel insights into mechanism, diagnosis and management

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Pulmonary function testing Imaging Physiology

Chairs : Erol Gaillard (Leicester, United Kingdom), Elise M.A. Slob (Amsterdam, Netherlands)

OA1258	**Late Breaking Abstract - Vitamin D In the prevention of Viral-induced Asthma (DIVA) in preschoolers: a randomised controlled trial** Francine Ducharme (Montréal (QC), Canada), Sze Man Tse, Patrick Daigneault, Connie Yang, Dhenuka Radhakrishnan, Reza Alizadehfar, Nathalie Alos, Genevieve Mailhot, Megan Jensen, Marc-André Turcot, Chantal Lemire, Theo Moraes, Chen Brenna Ashley, Anna Smyrnova, Mi-Suk Dufour, Miguel Caubet Fernandez, John White, Ali Khamessan, Benoit Masse
OA1260	**Distinct Metabolomic and Lipidomic Signatures in Obese and Normal-Weight Children with Asthma** Harshita Shailesh (Doha, Qatar), Ilhame Diboun, Antonisamy Belavendra, Yahya Hani, Shana Jacob, Mohamed. A. Elrayess, Stefan Worgall, Younes Mokrab, Ibrahim Janahi
OA1261	**Maternal obesity and offspring allergic disease:implications of impaired barrier function** Niki Ubags (Epalinges, Switzerland), Eva Maria Rehbinder, Riyas Vettukattil, Karin C Lødrup Carlsen, Berit Granum, Guttorm Haugen, Gunilla Hedlin, Christine Monceyron Jonassen, Morten Nilsen, Christophe Von Garnier, Björn Nordlund, Corina Silvia Rueegg, Håvard O. Skjerven, Anne Cathrine Staff, Cilla Söderhäll

OA1262	**Impact of PM2.5 Exposure Trajectories on Asthma and Airway Hyperresponsiveness in Children through S100 protein expression: The COCOA Study** SONGI YANG (Anyang, Republic of Korea), Hyo-Won Lee, Hwan-Cheol Kim, Hyo-Bin Kim, Hea Young Oh, Seung-Hwa Lee, Eom Ji Choi, Youn Ho Shin, Dong In Suh, Ji Soo Park, Kyung Won Kim, Kangmo Ahn, Jihyun Kim, Soo-Jong Hong
OA1263	**What is the role of fractional exhaled nitric oxide in the diagnosis of school-age asthma?** Mari Sasaki (Bern, Switzerland), Myrofora Goutaki, Beatriz Guerra, Pascal Heer, Nicolas Regamey, Alexander Moeller, Claudia Kuehni
OA1264	**Asthma Diagnostic Pathway: FeNO as a first-line diagnostic tool** Abibat Lana (Leicester, United Kingdom), Maja Jurca, Manisha Ramphul, Joe Madge, Charlotte Simpson, Gemma Vissani, Natalie Blyth, Prakash Patel, Safiya Patel, Molla Imaduddin Ahmed, Louise Ryan, David Lo, Erol A. Gaillard
OA1265	**Association of early-life dust allergens and endotoxin with childhood asthma and lung function: An analysis of the CHILD study** Jacob McCoy (Toronto, Canada), Makiko Nanishi, Myrtha Reyna, Vanessa Breton, Marc-Antoine Bédard, Qingling Duan, Elizabeth George, Biswajit Chowdhury, Bree Sharma, Ruixue Dai, Nervana Metwali, Sarah Perry, Elinor Simons, Stuart Turvey, Piush Mandhane, Allan Becker, Meghan Azad, Malcolm Sears, Wendy Lou, Theo Moraes, Jeffrey Brook, Peter Thorne, Padmaja Subbarao
OA1266	**Automatic detection of mucus plugs on computed tomography scans in severe paediatric asthma** Wytse van den Bosch (Voorburg, Netherlands), Punit Makani, Hettie Janssens, Pierluigi Ciet, Harm Tiddens, Daan Caudri
OA1267	**Abnormal LCI 2.5% measurement early in life of children with wheeze and asthma is associated with impaired lung function development** Nikolas Jakobs (Lübeck, Germany), Isabell Ricklefs, Markus Weckmann, Florian Wyler, Catharina Nitsche, Ruth Grychtol, Nicole Maison, Lea Lousia Kronziel, Inke Regina König, Silke Szymczak, Anna-Maria Dittrich, Erika Von Mutius, Bianca Schaub, Gesine Hansen, Matthias Volkmar Kopp, Thomas Bahmer, Folke Brinkmann, Mustafa Abdo
OA1268	**Telemedicine-enabled home monitoring enhances asthma control in children: A randomized controlled trial** Patrick Stafler (Ra'anana, Israel), Joseph Levy, Hagit Levine, Ophir Bar-On, Benjamin Rothschild, Einat Shmueli, Eyal Jacobi, Lior Dagan, Jenny Aristov, Tali Biron Gelmond, Lior Barbash, Joshua Silverbeck, Meir Mei-Zahav, Dario Prais
OA1259	**Discussion and Q&A**

3A Session 110 11:00 - 12:15

Oral presentation: Advancing pulmonary imaging biomarkers: quantitative computed tomography, deep learning and structural insights across lung diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Imaging | Physiology | Pulmonary function testing

Chairs : Sara Piciucchi (Forlì, Italy), Ádám Domonkos Tárnoki (Budapest, Hungary)

OA1269	**Late Breaking Abstract - AI-powered quantification of ILD patterns on CT for progression evaluation in SSc-ILD patients** Flore Belmans (Leuven, Belgium), Ludivine Libert, Marine Flechet, Monique Henket, Panagiota Tsiri, Benoit Ernst, Béatrice André, Andrea Corsi, Argyris Tzouvelekis, Wim Vos, Greetje Vande Velde, Julien Guiot
OA1271	**Deep Learning-based Fibrosis and Ground Glass Opacification Quantification with Proteomic Biomarkers for Outcome Prediction in Idiopathic Pulmonary Fibrosis.** Simon Walsh (London, United Kingdom), Muhunthan Thillai, Amy Craster, Simon Johnson, Gauri Saini, Toby Maher, Phil Molyneaux
OA1272	**Novel quantitative computed tomography measurements for outcome prediction in pulmonary fibrosis: a prospective, longitudinal study** Francesco Lanzillotta (rome, Italy), Lucio Calandriello, Giuseppe Cicchetti, Francesco Varone, Bruno Iovene, Luca Richeldi, Giacomo Sgalla
OA1273	**Deep learning-Based Airway and Vessel Volume are Associated with Increased Risk of Mortality in Connective Tissue Disease-Related Interstitial Lung Disease.** Simon Walsh (London, United Kingdom), Amy Craster, Miguel Monteiro, Muhunthan Thillai
OA1274	**In vivo CT-based emphysema and micro-CT-based mean linear intercept: Bridging the gap** Jonas Van der Rauwelaert (Boom, Belgium), Thérèse Lapperre, Annemiek Snoeckx, Dieter Peeters, Wen Wen, Jeroen M. Hendriks, Stijn E. Verleden
OA1275	**Quantitative CT biomarkers reveal COPD subtypes with distinct lung function profiles** Juan Domingo Gispert (Barcelona, Spain), Sarah P Sherlock, Lars Nordenmark, Jamie Mackay, Enti Spata, Sarah R Doffman, Rod Hughes

OA1276	**Automated analysis of airway remodeling and emphysema across GOLD Stages: Insights in COPD Severity** Tjeerd van der Veer (Amsterdam, Netherlands), Yuxin Chen, Rudolfs Latisenko, Jean Paul Charbonnier, David Lynch, James Crapo, Harm Tiddens
OA1277	**Computational Fluid Dynamics analysis on total airway casts to explore airflow parameters in COPD and healthy** Yousry Khaled Mohamady (Leuven, Belgium), Vincent Geudens, Charlotte De Fays, Marta Zapata-Ortega, Goncalo Ferrao, Lucia Aversa, Xin Jin, Astrid Vermaut, Hanne Beeckmans, Janne Verhaegen, Marie Vermant, Anse Somers, Martina Mercurio, Pieterjan Kerckhofs, Gitte Aerts, Charlotte Hooft, Tine Follet, Marieke De Rooy, Emanuela Cortesi, Wim Wuyts, Robin Vos, Matthieu Boone, Ivan Josipovic, Laurens Ceulemans, Stephanie Everaerts, Yasser Abuouf, Ghislaine Gayan-Ramirez, Wim Janssens, Marcel Filoche, Bart Vanaudenaerde
OA1278	**Prevalence of structural lung abnormalities in a large pediatric bronchopulmonary dysplasia cohort** Merlijn Bonte (Rotterdam, Netherlands), Punitkumar Makani, Irwin Reiss, André Kroon, Citta Zaat, Liesbeth Duijts, Marielle Pijnenburg, Pierluigi Ciet, Daan Caudri
OA1279	**Role of the Fibroblast Activation Protein as biomarker of fibrotic lung diseases: interim analysis of a prospective exploratory multi-cohort study** Anne-Leen Deleu (Brussels, Belgium), Zena Wimana, Clementine Marin, Bruno Vanderlinden, Philomène Lavis, Sigrid Vercauteren, Bastien Lesire, Samuel De Bontridder, Ani Garabet, Patrick Flamen, Benjamin Bondue
OA1270	**Discussion and Q&A**

3B Session 111 11:00 - 12:15

Oral presentation: Advancing tobacco cessation: innovative approaches and strategies for respiratory health

Disease(s) : Airway diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Epidemiology | Physiology | Public health | Imaging | Cell and molecular biology | Pulmonary rehabilitation

Chairs : Stamatoula Tsikrika (Athens, Greece)

OA1280	**Late Breaking Abstract - How to recruit smoking parents and their children? - The "Early Life Intervention i n Pediatrics Supported by E-Health (ELIPSE) - Smoke" study** Johanne Hammelbeck (Bern, Switzerland), Alexander Koch, Donata Santisi-Buffalino, Andrea Wyssen, Christoph Saner, Clemens Haupt, Anette Van Dorland, Michael Kaess, Matthias Volkmar Kopp, Julian Jakob
OA1282	**Chromatography analysis during an optimization of Third-hand Smoker rat model shows early detection of decrease in amino acids prior to lymphopenia and weight loss: a preliminary study** Astari Pranindya-Sari (Yogyakarta, Indonesia), Reviono Reviono, Agus Dwi Susanto, Dono Indarto
OA1283	**Organochlorine pesticides (OCPs) residues in fruit-flavored/regular waterpipe tobacco and their post-consumption waste: estimating release into inhaled smoke** Gholamreza Heydari (Tehran, Islamic Republic of Iran)
OA1284	**Pulmonary microvascular perfusion on MRI in young adult cigarette and e-cigarette users: The VapeScan Study** Emilia Hermann (NEW YORK, United States), Sonja Luediger, Diane Hawkins, Nancy Lolacono, Martin Prince, Dona Sangapalaarachchi, William Anderson, Wei Shen, Daichi Shimbo, Galen Ziaggi, Jens Vogel-Claussen, Ana Navas Acien, Elizabeth Oelsner
OA1285	**The impact of e-cigarette aerosol on endothelial barrier function in isolated perfused and ventilated mouse lungs** Oleg Pak (Giessen, Germany), David Spiegelberg, Karin Quanz, Janik Deutscher, Hossein A. Ghofrani, Friedrich Grimminger, Werner Seeger, Ralph Theo Schermuly, Norbert Weissmann, Natascha Sommer
OA1286	**Muscle ring-finger protein (MuRF1) inhibitor and exercise training ameliorates functional and structural changes induced by cigarette smoke exposure in an experimental model of chronic obstructive pulmonary disease.** Camila Uchoa da Silva (Guarulhos, Brazil), Alyne Riani Moreira, Dayane Camilo De Souza, Mayra Evangelista Coura Machado Galessi, Cintia Nascimento Silva, Vitoria Bernardino Da Silva, Franciele Jesus Lima, Francine Maria Almeida, Fernando Ribeiro, Luis Antonio C H Costa Dutra, Siegfried Labeit, Anselmo Sigari Moriscot, Fernanda D.T.Q.S.Lopes, Paulo Francisco Guerreiro Cardoso
OA1287	**CRYPTOTANSHINONE TREATMENT INHIBITS THE INFLAMMATORY RESPONSE MEDIATED BY TH17 CELLS IN A CIGARETTE SMOKE (CS)-INDUCED MODEL OF CHRONIC OBSTRUTIVE PULMONARY DISEASE (COPD)** Franciele Jesus Lima (Sao Paulo, Brazil), Alex Ferreira Silva, Alyne Riani Moreira, Camila Uchoa Silva, Francine Maria Almeida, Maria Rafaella Guedes Gomes, Cintia Nascimento Silva, Leandro Nascimento Camargo, Iolanda Fatima Lopes Calvo Tiberio, Fernanda Degobbi Quirino Santos Lopes
OA1288	**Determining the impact of vaping on surfactant dynamics and ventilation: An in silico study** Kelly Burrowes (Auckland, New Zealand), Ruobing Li, Alys Clark, Merryn Tawhai

OA1289	**Assessing the Cytotoxic and Barrier-Disrupting Effects of E-Cigarette Aerosols on Alveolar Epithelium** Kelly Burrowes (Auckland, New Zealand), Marzieh Aghababaie, Sue Mcglashan, Vinod Suresh
OA1290	**Early outcomes of cytisine therapy for smoking cessation in the RISP program** Massimiliano Cani (orbassano, Italy), Ugo Pastorino, Edoardo Mercadante, Ciro Battiloro, Antonella Smedile, Vito Barbieri, Gianluca Pariscenti, Pietro Gallina, Daniela Bafunno, Alba Moretta, Antonio Defilippis, Aldo Cammarota, Gianluca Milanese, Pierpaolo Pattacini, Domenico Patanè, Orazio Caffo, Katia Ferrari, Silvia Novello
OA1281	**Discussion and Q&A**

Amtrium Session 112 11:00 - 12:15

Oral presentation: Immunity in the airways: mechanisms and models in respiratory disease

Disease(s) : Airway diseases | Respiratory critical care | Interstitial lung diseases

Method(s) : Cell and molecular biology | Imaging

Chairs : Chair to be confirmed

OA1291	**Late Breaking Abstract - AI-powered imaging combined with spatial transcriptomics reveals unique immune patterns linked to emphysema progression** David Sanz Rubio (Zaragoza, Spain), Joselyn Rojas-Quintero, Ariel H Curiale, Adrianne Colborg, Ayu Syarif, Scott Ochsner, Joshua Malo, Raúl San José-Estépar, Francesca Polverino
OA1293	**Metabolic alterations drive inflammatory phenotypes in CHIP-associated COPD** Siavash Mansouri (Giessen, Germany), Stefan Kuhnert, Golnaz Hesami, Stephan Klatt, Fatemeh Behjati, Marcel Schulz, Philipp Friedrich Arndt, Stefan Günther, Manju Padmasekar, Edibe Avci, Stefan Hadzic, Till Acker, Jochen Wilhelm, Natascha Sommer, Norbert Weissmann, Mario Looso, Michael A. Rieger, Claus F. Vogelmeier, Robert Bals, Ingrid Fleming, Andreas Zeiher, Werner Seeger, Rajkumar Savai, Stefanie Dimmeler, Soni Savai Pullamsetti
OA1294	**LSC - 2025 - CCR2/CCR5-dependent Lyve1lowMHCIIhigh interstitial macrophages regulate airway inflammation i n asthma** Hao Wang (Bundoora, Australia), Nok Him Fung, Christian Aloe, Ian Adcock, Stavros Selemidis, Ross Vlahos, Jonathan Mcqualter, Steven Bozinovski
OA1295	**Epithelial receptor control of house dust mite-induced lung inflammation** Naheem Yaqub (London, United Kingdom), Liran Baram, Carl Hobbs, Elena Ortiz-Zapater, Maddy Parsons
OA1296	**Establishment of IL-33 plus TSLP-induced human steroid-resistant asthma model using humanized mice and its potential application in preclinical research** Shiho Yamada (Tokyo, Japan), Shuichiro Maruoka, Shota Toyoshima, Yusuke Kurosawa, Ryosuke Ozoe, Yutaka Kozu, Kenji Mizumura, Yoshimichi Okayama, Ryoji Ito, Yasuhiro Gon
OA1297	**Exploring antibody subclasses in severe eosinophilic asthma and EGPA using B cell receptor repertoire RNA-sequencing** Jantarika Arora (London, United Kingdom), Emily Bessell, Sonay Beyatli, Delphine Thenet, Ioanna Kontra, James Brown, Ahuva Nissim, Myles Lewis, Louisa James, Paul Pfeffer
OA1298	**A high-content airway epithelial and immune cell co-culture model of Th2 and Th17 inflammatory responses in asthma** Gimano Amatngalim (Utrecht, Netherlands), Loes Den Hertog-Oosterhoff, Jeffrey Beekman
OA1299	**Single cell analysis of airways in allergic asthma with allergen profiling and spatial transcriptomics** Wojciech Lason (Oxford, United Kingdom), James Melhorn, Devika Agrawal, Anastasia Fries, Xiawei Zhang, Esther Bridges, Fabiola Curion, Julian Charles Knight, Calliope Athena Dendrou, Timothy Stopford Christopher Hinks
OA1300	**Neutrophil-chemoattractant CXCL5 increases lung barrier permeability in acute lung injury** Peter Pennitz (Berlin, Germany), Sarah Berger, Cengiz Goekeri, Birgitt Gutbier, Laura Michalick, Karen Hoffmann, Elena Lopez-Rodriguez, Vladimir Gluhovic, Sandra-Maria Wienhold, Ulrike Behrendt, Alexander Taylor, Kristina Dietert, Holger Kirsten, Sandra Kunder, Kristina Mueller, Markus Weigel, Torsten Hain, Sarah M. Volkers, Sebastian Weis, Achim D. Gruber, Leif E. Sander, Wolfgang M. Kuebler, Capsys Study Group, Martin Witzenrath, Geraldine Nouailles
OA1301	**Single-cell proteome profiling reveals distinct immunological patterns in the lungs of ARDS patients** Shiqi Zhang (Amsterdam, Netherlands), Sebastiaan Joosten, Leonoor S Boers, Hélène B Van Den Heuvel, Juan J. Garcia Vallejo, Tom Van Der Poll, Janwillem Duitman, Lieuwe D J Bos
OA1292	**Discussion and Q&A**

Studio Session 113 11:00 - 11:45

Patient-centred session: Inequality in pulmonary rehabilitation: barriers to global access for all

Aims : to raise the profile of pulmonary rehabilitation as a valued intervention for patients; to discuss how difficulties in access and other issues that patients face can be tackled.

Chairs : Steve Jones (Cambridge, United Kingdom)

11:00	**Inequality in pulmonary rehabilitation: barriers to global access for all: panel discussion** Hall Skaara (Egersund, Norway), Justine Hamaïde (Paris, Île-de-France, France), Ourania Koltsida (Athens, Greece), Ioannis Vogiatzis (Blyth, United Kingdom)	**1302**

PS-1 Session 122 12:30 - 14:00

Poster session: Advances in airway management: from asthma to COPD and beyond

Disease(s) : Airway diseases

Method(s) : Public health General respiratory patient care Pulmonary function testing Epidemiology Pulmonary rehabilitation

Chairs : Thérèse Lapperre (Edegem, Belgium), Rocco Francesco Rinaldo (Torino (TO), Italy)

PA1331	**Voice Analysis in Asthmatic and Healthy Individuals: A Comparative Assessment of Asthma Control Levels Using Machine Learning Models** Alagöz Neval (Istanbul, Turkey), Mehmet Uysal, Murat Gezer, Elif Yelda Niksarlioglu
PA1332	**Impact of sex differences in obesity metrics on lung function decline and exacerbation rates in asthma and/or COPD** Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Awa Diop, Hana Müllerová, Eleni Rapsomaniki, Maria G. Belvisi, Rosa Faner, Helen K. Reddel, Ulla Møller Weinreich
PA1333	**Postural balance and falls in older adults with asthma: a controlled cross-sectional study with follow-up** Celso Ricardo Fernandes de Carvalho (São Paulo (SP), Brazil), Bruhna Schwambach, Fabiano Francisco Lima, Caroline Maschio De Censo, David Halen Araújo Pinheiro, Barbara Aparecida Teodoro Alcântara Verri, Vitoria Zacarias Cervera, Yan Anderson Pires Oliveira, João Victor Hermógenes Souza, Patrícia Puccetti Pires, Rosana Câmara Agondi, Regina Maria Carvalho-Pinto
PA1334	**Sex differences in symptoms and exacerbation rates relative to lung function trajectories in asthma and/or COPD** Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Awa Diop, Hana Müllerová, Eleni Rapsomaniki, Maria G. Belvisi, Rosa Faner, Helen K. Reddel, Ulla Möller Weinreich
PA1335	**Management of asthmatic crisis in the emergency department: What is our usual clinical practice?** Jose Daniel Cordero Marquez (Torrejon de Ardoz, Spain), Stephany Ivonne Briones Alvarado, Carlos Luis Sarango Parrales, Angela Peñaloza, Rafael Gregorio Marulanda Melo, Angelica María Quito Parra, Tinixara Hernandez Hernandez, Walther Ivan Giron Matute
PA1336	**Extrapulmonary adverse event following biologics in the older population** Zoe Chan (leeds, United Kingdom), Ian Clifton, Rashad Salman
PA1337	**Adherence to Inhaler Devices and it's Impact on COPD Assessment Test and Asthma Control Test in India** Samruddhi Bhalare (Pune, India), Shital Patil, Akashdeep Singh, Gaurav Singhal, Souvik Sarkar, Honney Sawhney, Babaji Ghewade, Amitkumar Dave, Indranil Haldar, J. Ram, Anil Mendiratta, Malay Sarkar, Aruna Kumari Badam, Saurabh Karmakar, Saibal Moitra, Praveen Valsalan K, Aditya Jindal, Sahebrao Toke, Gayathri Devi H.J, Arti Shah, Tarang Kulkarni, S. Balamurugan, Supriya Phadnis, Sapna Madas, Deesha Ghorpade, Snehal Kulkarni, Mangesh Chandolkar, Abhishek Sabale, Jagruti Yenpure, Meghna Gajul, Meena Lopez, Swapna Nair, Vaishali Naik, M. Senthilnathan, Jaideep Gogtay, Sundeep Salvi
PA1338	**Asthma in EGPA: insights before widespread use of biologic therapy** Justyna Fijołek (Warszawa, Poland), Paweł Bujnowski, Dariusz Gawryluk, Elzbieta Wiatr
PA1339	**Evolution and factors associated with presenteeism in severe asthma after treatment with biologics** Justine Subocz (Lille, France), Thomas Stoup, Jonathan Giovannelli, Arnaud Bourdin, Laurent Guilleminault, Gilles Devouassoux, Philippe Bonniaud, Alice Gicquello, Camille Taillé, Naji Khayath, Amel Boudjemaa, Jeanne-Marie Perotin-Collard, Florence Hennegrave, Juliette Chabrol, Pascale Martin, Camille Rolland-Debord, Juliette Verhille, Nicolas Just, Cécile Chenivesse
PA1340	**Trends in asthma between 2016 and 2022 in Turkey: a nationwide retrospective cohort study across entire adult population** Kurtuluş Aksu (Ankara, Turkey), Gurgun Tugce Vural Solak, Naim Ata, Mustafa Hamidullah Türkkanı, Mustafa Mahir Ulgu, Suayip Birinci, Funda Aksu
PA1341	**Excessive dynamic airways collapse post COVID-19 in patients with asthma: a case series** Matthew Martin (Nottingham (Nottinghamshire), United Kingdom), Samuel Kemp, Reza Nouraei
PA1342	**Impulse Oscillometry and Spirometry in Detecting Small Airway Disease in Children with Asthma** Marina Attanasi (Chieti (CH), Italy), Massimiliano Raso, Duilio Petrongari, Beatrice Ciccone, Paola Di Filippo, Sabrina Di Pillo, Francesco Chiarelli

PA1343	**Discriminative Accuracy of the Simplified Spirometry for Identifying Chronic Obstructive Pulmonary Disease in Community** Fan Wu (Guangzhou, China), Gaoying Tang, Yumin Zhou, Pixin Ran
PA1344	**The Impact of Extreme Heat Waves and Air Pollution on the Prognosis of Chronic Airway Diseases** Tugce Karamustafalioglu (Mersin, Turkey), Eylem Sercan Ozgur, Sibel Nayci
PA1345	**Identification of clinical and physiological factors associated with sputum levels from a real-life prospective cohort of stable COPD patients.** Laurent MORIN (Montpellier, France), Jean-Christian Borel, Nathalie Arnol, Bernard Aguilaniu
PA1346	**Trends in management of mild asthma in India: Results of TRACE survey** Sonia K. Dalal (Baroda (Gujarat), India), Harjit Dumra, Swapna Nair, Vaishali Naik, Meena Lopez, M Senthilnathan, Jaideep Gogtay
PA1347	**The Use of Biologics in Severe Asthma in a Diverse Population: The Bradford Experience** Erin Bennett (Bradford, United Kingdom), Anja Henning, Karen Regan, Peter Vivian, Dinesh Saralaya
PA1348	**Demographic and clinical data of an asthma patient cohort from a speciality unit of a tertiary care hospital in Sri Lanka.** Rishikesavan Suntharalingam (Colombo 04, Sri Lanka), Vipula Bataduwaarachchi, Mathura Thanabalasingam, Nathasha Dias, Nayana Heendeniya, Yamuna Rajapakshe, Lakmali Amarasiri, Ravini Karunathilake
PA1349	**Integrating Bilingual Community Healthcare Educators into a Nurse led Model of Asthma Care to improve outcomes in Culturally and Linguistically Diverse communities** Lata Jayaram (Melbourne (VIC), Australia)
PA1350	**Adherence to biologics in asthma, an old-new problem. A survey from Latin America** Gabriel García (City Bell, Argentina), Ana Stok, Carmen Cano, Ignacio Zabert, Natalia Garcia, Adrian Rendon

PS-10 Session 123 12:30 - 14:00

Poster session: Sleep and sleep-disordered breathing in patients with respiratory and neuromuscular disorders

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases

Method(s) : Epidemiology | Public health | General respiratory patient care | Respiratory intensive care | Pulmonary function testing | Physiology

Chairs : Matteo Bradicich (Zurich, Switzerland), Stefan Mihaicuta (Timisoara (Timis), Romania)

PA1351	**REM sleep and respiratory problems in neuromuscular diseases** Merve Sinem Oguz (HATAY, Turkey), Gokhan Altan, Aylin Pihtili, Esen Kiyan
PA1352	**Sleep monitoring vs hypercapnia for early NIV initiation in amyotrophic lateral sclerosis** Alessandro Mele (Racconigi, Italy), Valentina Pennetta, Elisa Mesiti, Federica Riva-Rovedda, Marco Clari, Valerio Dimonte, Giuseppe Tabbia, Marco Bardessono, Chiara Chiappero, Giulia Anna Poggio, Rocco Francesco Rinaldo, Paolo Solidoro
PA1353	**The mathematical modelling of the natural history of myotonic dystrophies type 1: lung volumes and nocturnal saturation** Pietro Massone (Milano, Italy), Maria Grazia D'Angelo, Giovanni Meola, Antonella Lomauro
PA1354	**Meta-analysis of pressure support therapies (PST) impact on sleep parameters.** Pierre Tankéré (Lyon, France), Léa Razakamanantsoa, Charles Khouri, Maxime Patout, Emeric Stauffer, Sebastien Baillieul, Thierry Petitjean, Jean-Louis Pépin, Renaud Tamisier, Laure Peter-Derex
PA1355	**Association of sleep duration and insomnia with lung function: results from the swedish cardiopulmonary bioimage study (SCAPIS)** Baz Delshad (Uppsala, Sweden), Mirjam Ljunggren, Anders Blomberg, Karl Franklin, Ludger Grote, Jan Hedner, Christer Janson, Andrei Malinovschi, Magnus Sköld, Hanan Tanash, Martin Ulander, Suneela Zaigham, Xing Wu Zhou, Ding Zou, Eva Lindberg
PA1356	**Sleep alterations in stable COPD patients** Clara Bianquis (Saint-Prix, France), Cécile Londner, Carole Philippe, Valérie Attali, Stéphane Attard, Abdeslam Sedki, Imene Benkhelouf, Thomas Similowski, Capucine Morelot-Panzini, Isabelle Arnulf, Maxime Patout
PA1357	**Frequency and risk assessment of obstructive sleep apnea in patients with chronic obstructive pulmonary disease** Khayrillo Rajabov (Tashkent, Uzbekistan), Irina Liverko

PA1358	**Cardiovascular risk in patients with OSA-COPD (Overlap Syndrome-OVS) from the European Sleep Apnea database (ESADA): the role of Sex** Izolde Bouloukaki (Heraklion (Crete), Greece), Mafalda Van Zeller, Paschalis Steiropoulos, Ozen K Basoglu, Dries Testelmans, Johan Verbraecken, Francesco Fanfulla, Georgia Trakada, Walter T Mcnicholas, Alexandros Kalkanis, Maria R Bonsignore, Jan Hedner, Ludger Grote, Sébastien Bailly, Sophia Schiza
PA1359	**Cognitive outcomes in OSA alone compared to COPD/OSA overlap syndrome: a systematic review** Ahmad M Alharbi (London, United Kingdom), Nawal Alotaibi, Ömer Faruk Uysal, Roby D Rakhit, Simon E Brill, John R Hurst, Swapna Mandal
PA1360	**The association between obstructive sleep apnea and vitamin d deficiency in patients with chronic obstructive pulmonary disease** Khayrillo Rajabov (Tashkent, Uzbekistan), Irina Liverko
PA1361	**Obstructive Sleep Apnea (OSA) Treatment Effects on Chronic Obstructive Pulmonary Disease (COPD) outcomes** Izolde Bouloukaki (Heraklion (Crete), Greece), Michail Fanaridis, Vaia Stamatopoulou, Eirini Vasarmidi, Irini Foteinaki, Christina Ermidou, Konstantina Lironi, George Pitsidianakis, Paschalis Steiropoulos, Sophia E. Schiza
PA1362	**Overlap of obstructive sleep apnea and bronchial asthma: A bidirectional respiratory disorder** Ferdaous Yangui (La Marsa, Tunisia), Wafa Fenina, Soumaya Debbiche, Hela Cherif, Salma Mokaddem, Mohamed Ridh Charfi
PA1363	**Overlap between sarcoidosis and Obstructive Sleep Apnea on endothelial damage documented by capillaroscopy** Lucrezia Mondini (trieste, Italy), Liliana Trotta, Mariangela Barbieri, Luca Ruggero, Caterina Antonaglia, Francesco Salton, Marco Confalonieri, Paola Confalonieri, Barbara Ruaro
PA1364	**Lung Cancer and Sleep Disturbances** NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane
PA1365	**Monitoring Nighttime Noise in a Pulmonology Ward: Challenges and Solutions** Duarte Pinto (Matosinhos, Portugal), Pedro Amorim, Natália Martins, Sérgio Figueiredo, Filipa Correia, António Morais, Marta Drummond
PA1366	**Moderate to severe obstructive sleep apnea is a risk factor for severe COVID-19 – a nationwide cohort study** Mirjam Elisa Ljunggren (Uppsala, Sweden), Andreas Palm, Magnus Ekström, Josefin Sundh, Ludger Grote, Huiqi Li, Fredrik Nyberg, Össur Ingi Emilsson
PA1367	**Long COVID and OSA. Is there an association between iron panels and sleep apnoea in long COVID patients? A single-centre, retrospective, cross-sectional study.** Henry Hodgkins (Coventry, United Kingdom), Joanna Shakespeare, Timothy Robbins, Kamaljit Chatha
PA1368	**Obstructive Sleep Apnoea Phenotypes in Adults with a History of COVID-19 Infection** İPEK ÇALIK (istanbul, Turkey), Yüksel Peker
PA1369	**Relation of gender and COVID severity in new OSA diagnosis of long-COVID patients** Lígia Helena Pires Vicente (Portimão, Portugal), Ines Belchior, Maria José Guimarães, Jorge Ferreira, Ana Sofia Barroso, Lucía Méndes Gonzalez, Karl Cunha, Helena Chaves Ramos, Ana Rita Ribeiro, Bebiana Conde, Armin Moniri, Marta Drummond
PA1370	**Pre-diagnosed sleep apnea is independently associated with severe outcomes in patients with community-acquired pneumonia: results from the german competence network CAPNETZ** Thomas Bitter (Braunschweig, Germany), Matthias W. Pletz, Martin Witzenrath, Jan Rupp, Gernot Rohde

PS-11 Session 124 12:30 - 14:00

Poster session: Asthma biologics: transitions, timing and treatment optimisation

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology

Chairs : Maarten van den Berge (Groningen, Netherlands), Simon Couillard (Sherbrooke, Canada)

PA1371	**Choosing and switching biologics for patients with severe asthma – real-life data from the German Asthma Net (GAN)** Alexandra Lenoir (Munich, Germany), Roland Buhl, Carlo Maria Mümmler, Jürgen Behr, Rainer Ehmann, Eckard Hamelmann, Annette Holtdirk, Marco Idzko, Margret Jandl, Frank Kässner, Olaf Schmidt, Christian Schulz, Dirk Skowasch, Christian Taube, Stephanie Korn, Katrin Milger
PA1372	**Switching biological treatment in severe asthma: A study on patient profiles and clinical outcomes** Hanna Elness (Aarhus N, Denmark)

PA1373	**Response to tezepelumab as a second-line biologic in a UK severe asthma population** Peer Ameen Shah (Leicester, United Kingdom), Francesco Ardesi, Mei Fong Liew, Ronnie Tan Voon Shiong, Claire Boddy, Anna Murphy, Dominick Shaw, Peter Bradding, Sarah Diver, Shamsa Naveed, Christopher Brightling
PA1374	**Late Breaking Abstract - Clinical Remission in Patients with Severe Eosinophilic Asthma Treated with Benralizumab over 24 Months: Post Hoc Analysis of the ANANKE Study** Giorgio Walter Canonica (Milano (MI), Italy), Gianenrico Senna, Luisa Brussino, Maria Aliani, Elena Altieri, Pietro Bracciale, Maria Filomena Caiaffa, Paolo Cameli, Marco Caminati, Cristiano Caruso, Stefano Centanni, Fausto De Michele, Stefano Del Giacco, Fabiano Di Marco, Francesco Menzella, Girolamo Pelaia, Paola Rogliani, Micaela Romagnoli, Pietro Schino, Jan Walter Schroeder, Alessandra Vultaggio, Maria D'Amato, Laura Malerba
PA1375	**Switching patients with severe eosinophilic asthma from Tezepelumab to Benralizumab** Felix J.F. Herth (Heidelberg, Germany), Stephanie Korn, Mustafa Abdo, Frederik Trinkmann
PA1376	**Taking it slow: Titration of biologics in severe eosinophilic asthma – a real world data report** Grgur Salai (Zagreb, Croatia), Ivona Kovacevic, Tina Stankovic, Kristina Lalic, Mirna Vergles
PA1377	**Baseline biomarkers predicting remission of severe asthma after switching biologics** Susanne Hansen (Copenhagen, Denmark), Kjell Erik Julius Håkansson, Marianne Soendergaard, Anne-Sofie Bjerrum, Johannes Schmid, Sofie Johansson, Linda Rasmussen, Claus Johnsen, Barbara Bonnesen, Roxana Vijdea, Anna Von Buelow, Niels Steen Krogh, Lycely Dongo, Ole Hilberg, Charlotte Ulrik, Celeste Porsbjerg
PA1378	**Stick or twist? FeNO predicts clinical benefit in patients switching from IL5/5R to IL4/13 blockade due to uncontrolled asthma** ELISA Landin Rey (Santiago de Compostela, Spain), Elisa Landin-Rey, Clare Tiedeman, Imran Howell, Andrew Chadwick
PA1379	**Tezepelumab in severe uncontrolled asthma, for naïve or switched patients?** Alberto González Hernández (Huelva, Spain), Javier Romero López, Carla Romero Sayago, Jessica Ivana Hilares Vera, Carolina Puchaes Manchón, Antonio Pereira Vega
PA1380	**Bio-RAMPA: Adverse Drug Reactions of Biological Therapies** Ana Rita Gaspar Ribeiro (Portimão, Portugal), Nuno Lopes, Joana Coelho, Maria João Paes, Natacha Santos, Marta Nobre Pereira, Pedro Americano, Manuela Sousa, Paula Campos, Brigitte Viegas, Maria Antónia São Braz, Ulisses Brito, Lígia Pires, Vanda Areias, Inês Belchior
PA1381	**Assesing treatment response to benralizumab with cuantitative scales. The "FEOS rate". A multicenter study in Madrid, Spain.** David Romero Ribate (Madrid, Spain), Daniel Laorden, Celia Pinedo, Eva De Santiago, Ines Escribano, Julia Garcia, Miguel Angel Racionero, Zully Vasquez, Perla Valenzuela, Natividad Quiles, Diana Sánchez Mellado, Rocio Diaz, Silvia Sanchez Cuellar
PA1382	**Variability in time to response in severe asthma biologics: a SHARP survey** Gilles Louis (Liège, Belgium), Joseph Lanario, Dominique Hamerlijnck, Aruna Bansal, Olivia Fulton, Hilary Hodge, Sanja Popović-Grle, Sanja Hromis, Florence Schleich, Renaud Louis, Vratislav Seldak, Celeste Porsbjerg, Kostas Samitas, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Cristina Cardini, Kristina Bieskiene, Piotr Kuna, Claudia Chaves Louriero, Peter Kopac, Valentyna Yasinska, Liam Heaney, Patrick Mitchell, Florin Mihălţan, Michael Hyland, Jacob Sont, Matthew Masoli
PA1383	**Predictive determinants of response to biological therapy in children and adults with severe asthma** Debora Maria Spitaleri (Palermo, Italy), Marina Saad, Anna Casartelli, Giada Lazzaroni, Roberta Grazi, Giulia Canali, Michele Ghezzi, Dejan Radovanovic, Pierachille Santus
PA1384	**Machine learning prediction of synergistic effects of anti-TSLP and Budesonide on airway epithelial integrity in asthma** Valentina Lazzara (Palermo, Italy), Velia Malizia, Paola Pinto, Alessandra Pandolfo, Anna Bonomolo, Vito Muggeo, Elisabetta Pace, Stefania La Grutta, Giusy Daniela Albano
PA1385	**Proactive identification of Uncontrolled Severe Asthma Patients within Humber and North Yorkshire ICS to Address Inequalities in access to Asthma Biologics: The Pro-HNY-Bio Project** Shoaib Faruqi (Cottingham, United Kingdom), Charlotte Riches, Helena Cummings, James Crick, Harriet Smith, Michael Crooks
PA1386	**eNose Breath Analysis for Predicting Eosinophilic Asthma and Biologic Response in PRISM-UK** Nazanin Zounemat-Kermani (hanworth, United Kingdom), Piers Dixey, Katie Raby, Pujan Patel, Ian M Adcock, Tae Bum Kim, Pankaj Bhavsar, Kian Fan Chung
PA1387	**Modelling the impact of earlier biologic initiation in severe asthma patients** Simon Couillard (Sherbrooke, Canada), Njira Lugogo, Tonya Winders, Mohit Bhutani, Laurel Bates, Erik Robinson, Alison Evans, Soram Patel, Danny Gibson, David Price

PA1388 **Evaluation of biomarkers and a decision tree model for the treatment of asthma with omalizumab:a prospective cohort study**
Yi Liu (Chengdu, China), Jian Sun

PA1389 **Real-world dosing interval extension of biologics in the Dutch severe asthma registry**
C J M Marijnissen (Leiden, Netherlands), J K Sont, F L Meulmeester, M W J M Wouters, J H Kappen, A Ten Brinke, O B I O M A B Study Group

PA1390 **Towards personalised dosing intervals of biologics in severe asthma: a Dutch nationwide survey on interval extensions**
C J M Marijnissen (Leiden, Netherlands), J K Sont, M W J M Wouters, A Ten Brinke, J H Kappen, O B I O M A B Study Group

PS-12 Session 125 12:30 - 14:00

Poster session: The bigger picture: comorbidities and cross-treatment effects in airway disease

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Imaging Pulmonary function testing Public health Cell and molecular biology Pulmonary rehabilitation Physiology

Chairs : Konstantinos Kostikas (Ioannina, Greece), Laura Bergantini (siena, Italy)

PA1391 **Comparative effectiveness of angiotensin receptor-neprilysin inhibitors versus renin-angiotensin system inhibitors in patients with comorbid heart failure and chronic obstructive pulmonary disease.**
Kuang-Ming Liao (Tainan, Taiwan), Wan-Hsuan Hsu, Bo-Wen Shiau, Jheng-Yan Wu, Min-Hsiang Chuang, Ya-Wen Tsai, Po-Yu Huang, Khai-Chi Hu, Wei Hsu, Ting-Hui Liu, Chih-Cheng Lai

PA1392 **Quinine use and the risk of exacerbations of chronic obstructive pulmonary disease: a nationwide retrospective registry study**
Pradeesh Sivapalan (Gentofte, Denmark), Frida Vilstrup, Josefin Eklöf, Alexander Jordan, Tor Biering-Sørensen, Søren Sperling, Jens-Ulrik Stæhr Jensen

PA1393 **Mental health comorbidity in patients undergoing assessment for severe asthma biologic therapy: identifying unmet clinical need.**
Balamayran Ketheeswaran (London, United Kingdom), Simon Brill, James Brown, Lisa Goodman

PA1394 **Consideration of ILAs and Cardiovascular Risk in COPD**
Hiro Ikeda (Osaka-shi, Japan), Satoshi Marumo, Masataka Hirai, Tsuyoshi Sasada, Daiki Inoue, Motonari Fukui

PA1395 **Carotid artery disease (CAD) as a comorbidity in COPD patients**
Daniela Buklioska Ilievska (Skopje, North Macedonia), Jordan Minov

PA1396 **Comparison of inhaled medications for cardiovascular events prevention after exacerbation of chronic obstructive pulmonary disease**
Tsuyoshi Sasada (Kobe, Japan), Satoshi Marumo, Hiro Ikeda, Masataka Hirai, Daiki Inoue, Motonari Fukui

PA1397 **Statins lower outpatient and hospitalised exacerbation risk beyond exacerbation history**
Sam Beckx (Ghent, Belgium), Frauke Van Vaerenbergh, Delphine Vauterin, Lies Lahousse

PA1398 **Are adults with COPD in Australian primary care at a greater risk of cardiovascular events than adults without COPD?**
Russell Wiseman (Maroochy River, Australia), Mark Hew, Brian Ko, Christine Jenkins, Belinda Cochrane, Philip J Thompson, Kerry L. Hancock, Vanessa Mcdonald, Paul Leong, Freya Tyrer, Porsche Le Cheng, Chantal Le Lievre, Alexander Roussos, Andrew P Dickens, Alexander Evans, Nicholas Bushell, Fabio Botini, Victoria Carter, Angelina Catanzariti, Sinthia Z. Bosnic-Anticevich, Dominique Novic, Jennifer Perret, Kanchanamala Ranasinghe, Anita Sharma, Deb Stewart, Thao Le, David Price

PA1399 **Costs of Multimorbidity in Asthma Patients in Singapore**
Wenjia Chen (Singapore, Singapore), Laura Huey Mien Lim, Yah Ru Juang, Kelvin Bryan Tan, Mariko Siyue Koh, Mei Fong Liew, Hui Fang Lim, Pei Yee Tiew, Anthony Chau Ang Yii, David Hsien Yung Tan

PA1400 **Reduced mortality and cardiopulmonary risk for patients with COPD and asthma when initiating single inhaler triple therapy compared to multiple inhaler triple therapy (MITT): MAZI Asthma Study**
Claus Vogelmeier (Marburg, Germany), Hana Müllerová, Antonio Anzueto, Kirsty Rhodes, Nathaniel Hawkins, Eleni Rapsomaniki, Jonathan Marshall, Michael Pollack

PA1401 **Impact of primary diagnosis of SA or CRSwNP on comorbid patients – Baseline features in the RESPONSE study**
Florence Schleich (Liège, Belgium), Jannis Constantinidis, Camille Taillé, Isam Alobid, Peter W. Hellings, Oliver Pfaar, Lingjiao Zhang, David Bañas-Conejero, Konstantina Kallinikou, Peter Howarth, Petros Bakakos

PA1402	**Inhaled pitavastatin reduces airway hyperresponsiveness and air trapping: implications for the treatment of asthma and COPD** Yuto Yasuda (Vancouver, Canada), Lu Wang, Pasquale Chitano, Omran Abu Aboud, Kenneth Chmiel, Chun Seow, Amir Zeki
PA1403	**Effectiveness of Benralizumab regarding comorbidities.** Angel Carmona Gonzalez (Cadiz, Spain), Aureliano Ais Daza, Sofia Gutierrez Hernandez, Isabel Castillo Rivillas, Aurelio Arnedillo Muñoz, Francisco Pérez Grimaldi, Sergio García Morales, Gregorio Soto Campos, Maria Morales González, Ana Badillo Melgar, Daniel Del Castillo Otero, Alvaro Cabeza Serrano
PA1404	**Association of Heart Rate Recovery (HRR) with Pulmonary Function Tests and Clinical Indicators in Patients with Stable COPD** Ayse Demirkaya (Ankara, Turkey), Nalan Ogan, Ipek Candemir
PA1405	**Prevalence of ischemic heart disease in GOLD subgroups COPD patients** Roberta Cianci (POTENZA, Italy), Raffaella Pagliaro, Silvio Pastore, Umberto Masi, Vito D'Agnano, Filippo Scialò, Angela Schiattarella, Fabio Perrotta, Susan Fm Campbell, Andrea Bianco
PA1406	**Heart stress / heart failure in COPD: NT-proBNP and the impact of SITT** Pier-Valerio Mari (Roma (RM), Italy), Riccardo Sarzani, Giorgia Laureti, Angelo Coppola, Federico Giulietti, Alessandro Gezzi, Piero Giordano, Roberta Galeazzi, Erilda Kamberi, Andrea Stronati, Alessia Resedi, Yuri Rosati, Matteo Landolfo, Francesco Spannella
PA1407	**COPD and Hypertension:Does Inhalation Therapy Influence Blood Pressure Control?** Alina Babets (Dnipro, Ukraine), Olha Shchudro, Lyudmyla Konopkina
PA1408	**Evaluation of Disease Control and Quality of Life in Greek Asthma Patients With or Without Comorbidities Treated With Budesonide/Formoterol FDC: A Subgroup Analysis From the NOTOS Study** Maria Bertoli (Pikermi, Greece), Paschalis Steiropoulos, Athanasios Kapetangiorgis, Polyanthi Papanastasiou, Konstantinos Kostikas
PA1409	**Characterizing the burden of CRSwNP in the biologic era** Lucia De Prado Gomez (Reading, United Kingdom), Willy Roque Barboza, Megan Hardin, Benjamin T. Suratt, Asif Khan, Paul Rowe
PA1410	**Protective role of salbutamol against aminophylline-induced arrhythmias in an hPSC-based cardiac model** Martin Scurek (Brno, Czech Republic), Daniil Kabanov, Simon Klimovic, Deborah Beckerova, Martin Pesl, Jan Pribyl, Marketa Bebarova, Vladimir Rotrekl, Kristian Brat

PS-13 Session 126 12:30 - 14:00

Poster session: Appraising and defining clinical practice: asthma and COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health Physiology

Chairs : Alexandru Corlateanu (Chisinau, Republic of Moldova), Wang Chun Kwok (Hong Kong, Hong Kong)

PA1411	**Overreliance on oral corticosteroids (OCS) in European asthma management: EU-LAMA survey.** Tomasz Dębowski, Michał Panek, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk
PA1412	**Oral corticosteroids in asthma – what are patients' perceptions and experiences?** Liam Petrie (Cambridge, New Zealand), Ollie* Simcock Smith, Christina Baggott, Adam Wright-St Clair, Jiayi Gong, Cat L Chang, Amy Hai Yan Chan
PA1413	**GINA step 4 and 5 single inhaler triple therapy (SITT) management in European asthma patients: EU-LAMA survey.** Tomasz Dębowski, Michał Panek, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk
PA1414	**A time-clocked care pathway on severe asthma: A global consensus by Delphi methodology** Mohit Bhutani (Edmonton (AB), Canada), Tonya Winders, David Price, Giorgio Walter Canonica, Johannes In 't Veen, Maciej Kupczyk, Alison Evans, Soram Patel, Janwillem W.H. Kocks
PA1415	**Real-world evidence (RWE): asthma clinical-outcomes, fluticasone furoate/vilanterol (FF/VI) versus (vs) beclometasone dipropionate/formoterol (BDP/FOR)** Ashley Woodcock (Manchester (Greater Manchester), United Kingdom), John Blakey, Arnaud Bourdin, Giorgio Walter Canonica, Christian Domingo, Alexander Ford, Rosie Hulme, Theo Tritton, Emily Vinall, Ines Palomares, Sanchayita Sadhu, Arunangshu Biswas, Manish Verma

PA1416	**Regional variations and trends in the use of maintenance inhaled medications in chronic obstructive pulmonary disease** Jeenat Mehareen (Vancouver, Canada), Yiwei Yin, Kayly Choy, Kate M. Johnson, Don D. Sin, Mohsen Sadatsafavi
PA1417	**Physicians know which patients with asthma benefit most from single inhaler triple therapy (SITT): EU-LAMA survey** Michał Panek, Tomasz Debowski, Robab Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk
PA1418	**Physicians adjust single inhaler triple therapy (SITT) asthma treatment according to individual patient's conditions: EU LAMA survey** Tomasz Dębowski, Robab Breyer-Kohansal, Paschalis Steiropoulos, Peter Kopač, Maciej Wojakiewicz, Christer Janson, Maciej Kupczyk
PA1419	**Improving patient outcomes in severe asthma: utilising a hub and spoke model to expand care delivery** Adel Mansur (Birmingham (West Midlands), United Kingdom), Lisa White, Julie Sullivan, Julie Marsh, Anilkumar Pillai, Bethan Barker, Martin Doherty, Adel Sahal, Simon Message, Deepak Subramanian, Elfatih Idris, Benjamin Sutton, Peter Goodrem, Rachid Berair, Joe Lipworth
PA1420	**Insufficient treatment optimisation in COPD patients following clinical worsening in an electronic medical record database** Nicolas Roche (Paris, France), Olivier Le Rouzic, Frederic Le Guillou, Christophe Raspaud, Michel Bismuth, Rita Ammoun, Nicolas Coulombel, Ester Alessandrini, Stéphanie Chemla-Seydoux, Ombeline Laguens
PA1421	**German expert survey: on the practical relevance of the GOLD report - DELFIN2** Jutta Beier (Wiesbaden, Germany), Andrea Patzelt-Bath
PA1422	**Current practices and future directions in COPD management in the Republic of Ireland** Jayleigh Lim (Dublin, Ireland), Alessandro N Franciosi
PA1423	**Accelerating access to asthma biologics in Wales** Michael Pynn (Abergavenny, United Kingdom), Kasia Zalewska, Paul Whittemore, Kelly Holmes, Kate Standeven, Stuart Clarke, Amy Wittsprice, Jenna Lewis, Louise Tucker, Sarah Davies, Clare Williams, James Calvert
PA1424	**Cost-effectiveness of new asthma treatment guidelines in community** Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan
PA1425	**Impact of national clinical guidelines versus RCT criteria on biologic eligibility in asthma** Freda Yang (London, United Kingdom), Bohee Lee, Chloe I Bloom
PA1426	**Biologic therapy trends in severe asthma: BREATHE study** Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain), Manuel Rial, Gema Monteagudo, Gabriel Niza, Francisco Ramos-Lima, Marta Alegria
PA1427	**Asthma control in Germany: Results of a real-life survey** Roland Buhl (Mainz, Germany), Charles Christian Adarkwah, Kai-Michael Beeh, Kathrin Kahnert, Sylvia Mitterdiami, Maren Schuhmann, Annmarie Gähler, Patricia Preuße
PA1428	**'Brown inhaler' vs 'blue inhaler' behaviours and their relevance to guidelines-based asthma care** Lynn Elsey (Hale, United Kingdom), Naomi Bennett-Steele, Hannah Durrington, Samantha Walker
PA1429	**Concomitant SABA prescription on top of ICS/LABA in the NEWTON study** Fulvio Braido (Genova, Italy), Kai-Michael Beeh, Carolina Cisneros Serrano, Anh Tuan Dinh-Xuan, Lilla Tamàsi, Antigona Trofor, Eleonora Ingrassia, Alessio Piraino, Cristiano Caruso
PA1430	**COPD disease burden: evidence from an Italian nationwide survey.** Dejan Radovanovic (Milano (MI), Italy), Fulvio Braido, Marco Contoli, Paola Rogliani, Nicola Scichilone, Francesca Mandurino Mirizzi, Claudio Micheletto, Angelo Guido Corsico, Vincenzo Patella, Pierachille Santus

PS-14 Session 127 12:30 - 14:00

Poster session: Comorbidities in COPD

Disease(s) : Airway diseases | Sleep and breathing disorders | Thoracic oncology

Method(s) : Epidemiology | Public health | General respiratory patient care | Pulmonary function testing | Physiology | Imaging

Chairs : Bianca Beghè (Modena (MO), Italy), Chair to be confirmed

PA1431	**The interplay between COPD and chronic heart failure within individual patients: A personalised approach** Sanne H B van Dijk (Enschede, Netherlands), Marjolein G J Brusse-Keizer, Stéphanie M Van Den Berg, Carine J M Doggen, Anke Lenferink
PA1432	**Small airway disease and coronary artery disease in COPD: Bayesian interim analysis of the ARCADIA study** Paola Rogliani (Roma (RM), Italy), Dejan Radovanovic, Pierachille Santus, Fabrizio Luppi, Mauro Maniscalco, Giulia Scioscia, Elena Bargagli, Claudia Crimi, Pietro Pirina, Mariaenrica Tiné, Stefano Centanni, Giovanna Elisiana Carpagnano, Gianluca Imeri, Salvatore Battaglia, Francesco Tursi, Fulvio Braido, Marco Mantero, Angelo Corsico, Marina Aiello, Luigino Calzetta
PA1433	**FoxP3+ Regulatory T Cells in COPD and LC: a potential bridge between the two disease conditions** Raffaella Pagliaro (Alvignano, Italy), Erica Pimonte, Sara Bruzzaniti, Ilaria Di Fiore, Antonella Castiglione, Lavinia Izzo, Giuseppe Luciano, Dario Duranti, Giulia Adinolfi, Antonio D'Orologio, Chiara De Falco, Fabio Perrotta, Francesco Perna, Mario Galgani, Andrea Bianco
PA1434	**Should comorbidities be introduced in the Rome proposal for classification of ECOPD?** Lorenzo Pasquale Lombardo (Ferrara, Italy), Mariano Reginato, Federico Baraldi, Michele Schincaglia, Tommaso Bigoni, Antonio Ursitti, Brunilda Marku, Alberto Papi
PA1435	**Chronic obstructive pulmonary disease with and without rheumatoid arthritis: severe exacerbations, pneumonia and death in a population-based cohort** Charlotte Hyldgaard (Åbyhøj, Denmark), Barbara Bonnesen, Anna Kubel Vognsen, Pradeesh Sivapalan, Josefin Eklöf, Alexander Jordan, Tobias Klausen, Elisabeth Bendstrup, Torkell Ellingsen, Jens-Ulrik Stæhr Jensen
PA1436	**Cost burden of multimorbidity in COPD patients in Singapore** YAH RU JUANG (Singapore, Singapore), Laura Huey Mien Lim, Kelvin Bryan Tan, Mariko Siyue Koh, Mei Fong Liew, Hui Fang Lim, Pei Yee Tiew, Anthony Chau Ang Yii, David Hsien Yung Tan, Wenjia Chen
PA1437	**Predictive Value of Composite Comorbidity Assessment Indices (Charlson, COTE, COPDCoRi and Comorbidome) in Stratifying COPD Patients by Severity** Ecaterina Iavrumov (Chisinau, Republic of Moldova), Alexandru Corlateanu
PA1438	**Cardiac markers in COPD comorbidity with sleep apnea hypopnea syndrome** Irina Liverko (Tashkent, Uzbekistan), Elnorahon Abduganieva, Xayrullo Rajabov
PA1439	**Role of COPD in the deterioration of renal function in hypertension** Olha Boiko (Dnipro, Ukraine), Victoriya Rodionova
PA1440	**Effect of BMI on disease severity and sarcopenia in stable COPD patients** Burcu Arpinar Yigitbas (Istanbul, Turkey), Hazal Karadağ, Nilufer Tekin, Esra Yazar, Sacit Icten
PA1441	**Impact of Diabetes control on COPD Acute Exacerbations** Imen Touil (Mahdia, Tunisia), Barka Abir, Ksissa Souhir, Naouar Raoua, Ben Salem Wafa, Ben Abdallah Saoussen
PA1442	**Cardiac arrhythmias during community treated COPD exacerbations** Sam Bartlett-Pestell (London, United Kingdom), Mark Ogden, Brian Chong, Ralph Lopez, Aaron Braddy-Green, Hassan Shahbakhti, Jordina Mah, Apolline Marion, Lydia J Finney, Luana Alves Moreira, Hana Mullerova, James P Allinson, Tom Wong, Jadwiga A Wedzicha
PA1443	**Linking Chronic Bronchitis to Small Airway Dysfunction in severe COPD** Nikolaos Lazarinis (Stockholm, Sweden), Amalia Panagiotou, Patricia Ramos-Ramirez, Elga Bandeira, Anna Ehlin, Anna Ridderby, Nikolaos Pournaras, Apostolos Bossios, Anders Lindén
PA1444	**Pheno-endotyping small airway disease in patients with COPD** Eustachio Ricciardi (Bari, Italy), Marianna Cicchetti, Marta Tornesello, Rossella Novielli, Maria Rosaria Vulpi, Fabrizio Diaferia, Carla Santomasi, Andrea Portacci, Vitaliano Nicola Quaranta, Alessandro Palumbo, Silvano Dragonieri, Giovanna Elisiana Carpagnano
PA1445	**GOLD Staging and Comorbid Burden in COPD: Insights from a Retrospective Cohort Study** Sobia Chaudhary (Northwood, United Kingdom), Sandeep Kaul
PA1446	**Increased Risk of Suicide Among Individuals with Chronic Obstructive Pulmonary Disease: A Nationwide Cohort Study in Korea** Sang Hyuk Kim (Seoul, Republic of Korea), Ji-Yong Moon, Taehee Kim, Jin-Hyung Jung, Kyungdo Han, Kyung Hoon Min, Hyun Lee
PA1447	**Cognitive impairment in patients with COPD** Tehreem Ahmad (Karachi, Pakistan), Asma Arman

PA1448	**Physical, Psychological, and Social Status of COPD in north Indian population** Ajay Kumar Verma (Lucknow (Uttar Pradesh), India), Anuj Kumar Pandey, Arpita Singh, Jyoti Bajpai, Surya Kant, Santosh Kumar
PA1449	**Risk factors associated with PRISm and COPD** Krista Kayron George (Taipei, Taiwan), Jer-Hwa Chang, Hsiao-Chi Chuang
PA1450	**Effect of severe acute exacerbations of COPD on cardiovascular morbidity and mortality in clinical practice** Marina Acebo Castro (Oviedo, Spain), Claudia Mañana Valdés, Marta Íscar Urrutia, Isabel Martínez González-Posada, María Rodil Riera, Paloma Fernández Antuña, Rocío López Amaro, Marta María García Clemente

PS-15 Session 128 12:30 - 14:00

Poster session: Advances in diagnostic tests in chronic respiratory diseases

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Epidemiology Physiology Public health

Chairs : Chloe Bloom (London, United Kingdom), Andrei Malinovschi (Uppsala, Sweden)

PA1451	**Bronchodilation Test in Preserved Ratio Impaired Spirometry in Relation to Mortality** Andreas Hoheisel (Freiburg, Germany), Ellen Metcalfe, Leticia Grize, Eleni Papakonstantinou, Anna Salina, Björn C Frye, Sebastian Fähndrich, Daiana Stolz
PA1452	**The Lift study on diagnostic approaches for asthma patients with FEV1 ≥ 70% predicted** Min Zhang (Shanghai, China), Wuping Bao, Yun Liu, Wen Hua, Yi Jiang, Fengfeng Han, Limin Zhao, Chun Chang, Huahao Shen
PA1453	**Respiratory Mechanics of preserved ratio impaired spirometry (PRISm): data from the LEAD study** Tobias Lorenz Mraz (Wien, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal
PA1454	**Physiological and clinical characterization of subjects with new PRISm: data from the LEAD study** Tobias Lorenz Mraz (Wien, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal
PA1455	**Development of Clinical COPD from Pre-COPD** Shoaib Afzal (Herlev, Denmark), Surya P. Bhatt, Greg Kinney, Richard Casaburi, Børge G. Nordestgaard, Peter Lange, Yunus Çolak
PA1456	**COPD in Low- and Middle-Income Countries Assessment: Testing the Discriminative Accuracy and Reliability of a case-finding tool in Brazil.** Nathany Souza Schafauser-Segundo (Sao Paulo, Brazil), Naiara Tais Leonardi, Erika Zavaglia Kabbach, Maria Fátima Duarte Marinho, João Victor Rolim Souza, Marcela Maria Carvalho Silva, Daniela Gonçalves Ohara, Viviane Castello-Simões, John R Hurst, Renata Gonçalves Mendes
PA1457	**The relationship between changes in ventilation heterogeneity and bronchodilator response in COPD patients** Lisa Milani (Garbagnate Milanese, Italy), Dejan Radovanovic, Augusta Beech, James Dean, Matteo Pecchiari, Camilla Zilianti, Pierachille Santus, Dave Singh
PA1458	**IMPACT OF NEW POSITIVE BRONCHODILATOR TEST CRITERIA** Laura Cortezon (Bilbao, Spain), Teresa Bretos, Carlos Caldera, Leire San Juan, Imanol Gonzalez, Larraitz Garcia, Eva Tabernero, Patricia Sobradillo, Ana Gomez, Silvia Perez, Nuria Marina
PA1459	**What percentage of smokers develop persistent airflow limitation? Can the threshold smoking duration for significant risk be estimated?** Tetsuo Kimura (Saku, Japan)
PA1460	**Diagnostic classification of COPD using capnography-based machine learning models** Rui Hen Lim (Cambridge, United Kingdom), Lauren G Reinders, Judit Axmann, Wei Tew Gaik, Leeran Talker, Gabriel Lambert, Alexander Mackay, Divya Mohan, Veit J Erpenbeck, Jonas Dorn, Ameera X Patel, Sami O Simons
PA1461	**Machine Learning for Early Diagnosis and Prognostic Prediction in Chronic Obstructive Pulmonary Disease (COPD)** Husna Irfan Thalib (Jeddah, Saudi Arabia), Sariya Khan, Ayesha Jamal, Nadeem Ikram Ikram
PA1462	**Machine learning for early detection of airflow obstruction in a general population: data from the Austrian LEAD Study** Ahmad Karimi (Wien, Austria), Mohammad Azizzadeh, Hazim Abozid, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F.M. Wouters, Robab Breyer-Kohansal

PA1463	**From NICU to COPD: Early indicators of reduced adult lung function after preterm birth** James Gibbons (Perth, Australia), Andrew Wilson, Shannon Simpson
PA1464	**Expiratory time constant and demographic predictors in patients with normal spirometry** Filip Depta (Košice, Slovakia), Pavol Pobeha, Simona Bodnárová, Katarína Šurinová, Ivana Paraničová, Erika Lombartová, Eva Sokolová, Dušan Rybár
PA1465	**The effect of adiposity markers and lung volumes on FeNO: the LEAD study.** Charmaine J. M. Lim (Vienna, Austria), Oliver Helk, Emiel. F. M. Wouters, Sylvia Hartl, Marie-Kathrin Breyer, Robab Breyer-Kohansal
PA1466	**Bronchodilation test by bodyplethysmography in COPD and asthma patients in relation to mortality** Ellen Metcalfe (Lörrach, Germany), Andreas Hoheisel, Leticia Grize, Anna Salina, Eleni Papakonstantinou, Sebastian Fähndrich, Daiana Stolz
PA1467	**Retrospective cohort study, the prevalence and trajectory of Thai population with Preserved Ratio Impaired Spirometry (PRISm)** Thitapa Luepiyapanich (Bangkok, Thailand), Nitipatana Chierakul, Wanchai Dejsomritrutai
PA1468	**Meta-analysis of exhaled nitric oxide (FeNO) with or without blood eosinophils for asthma diagnosis in adults** Marc-Andre Roy (Sherbrooke, Canada), Morgane Gronnier, Manisha Ramphul, Samuel Lemaire-Paquette, Pip Divall, Jianghua Li, Yong He, Florence Schleich, Gilles Louis, Mare Sabbe, Jose Luis Lopez-Campos, Auxiliadora Romero-Falcon, Belen Munoz-Sanchez, Francisco Javier Alvarez-Gutierrez, Javier Mallol, Vibeck Backer, Asger Sverrild, Louise Lindhardt Tonnesen, Marina Lluncor Salazar, Krysztof Kowal, Antonius Schneider, Francine Ducharme, Andreanne Coté, Erol Gaillard, Simon Couillard
PA1469	**Fractional Excretion of Nitric Oxide as a Predictor of Airway Hyperresponsiveness and Asthma** Daniel LaMorte (San Diego, United States), Sebastien Fontanges, Nicholas Rohrhoff
PA1470	**Refining Serum Alpha-1 Antitrypsin Cut-Off Points for AAT Deficiency Diagnosis: Impact of CRP Adjustment** BELEN Muñoz Sánchez (Sevilla, Spain), Alba Fernández-Boza, Esther Quintana-Gallego, Juan Manuel Muñoz-Pichardo, Jose Luis Lopez-Campos

PS-16 Session 129 12:30 - 14:00

Poster session: Asthma: clinical management

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Pulmonary function testing Epidemiology Public health General respiratory patient care Imaging Physiology

Chairs : Renaud Louis (Liège, Belgium), Evangelia Fouka (Athens, Greece)

PA1471	**Machine Learning for Predicting Asthma Exacerbations: A Real-Time Monitoring Approach** Husna Irfan Thalib (Jeddah, Saudi Arabia), Sariya Khan, Ayesha Jamal, Dr. Nadeem Ikram
PA1472	**RCT investigating metered dose inhaler (MDI) technique guidance platform aflo® (device, app, clinician hub) to improve inhaler proficiency & reduce symptoms** Martin G. Kelly (Londonderry (Derry), United Kingdom), Geraldine Horigan, Ruth Price, Susan Kelly
PA1473	**Obstructive Spirometric Index for Asthma Attack Risk Prediction: Analysis from the ORACLE2 Patient-Level Meta-Analysis** Samuel Mailhot-Larouche (Sherbrooke, Canada), Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Philippe Lachapelle, Cecile T.J. Holweg, Allu Subhashini, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Simon Couillard
PA1474	**Role of the nurse in the therapeutic education of asthmatics** Houda Snène (Tunis, Tunisia), Mayssa Beji, Asma Amiri, Sirine Daoud, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir
PA1475	**Impact of anxiety and depression on asthma control levels among algerian adults with asthma** REDOUANE BELALA (CONSTANTINE, Algeria), Yacine Djeghri, Khaled Tlili, Amine Meridj
PA1476	**Discordance between FeNO results and acute bronchodilator response in asthmatic patients.** Keith Burgess (Sydney (NSW), Australia), Carolina Langbroek, Thomas Bale
PA1477	**Combining lung function and Asthma Control Test in risk assessment of asthma patients** Johanna Karlsson Sundbaum (Boden, Sweden), Petra Lövberg, Oscar Sundbaum, Helena Backman, Jon Konradsen, Caroline Stridsman

PA1478 **Comparison between ATS/ERS 2022 and GINA 2024 Definitions of Significant Bronchodilator Response in Relation to Asthma Control in Adults**
Khouloud Kchaou (Ariana, Tunisia), Chaima Briki, Yosra Abdelhedi, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

PA1479 **Long-term trends in the burden of asthma in China: A joinpoint regression and age-period-cohort analysis based on the GBD 2021**
Qian Zhang (Changzhou (Jiangsu), China), Na Li

PA1480 **Impact of ERS/ATS 2022 Positive Bronchodilator Response on Asthma Control**
Clara Seghers Carreras (Madrid, Spain), Lucía Ortega Ruíz, Begoña Peña Del Cura, Fernando Vargas Ursúa, Cristina Martín-Arriscado Arroba, Miguel Jiménez Gómez, Carlos Melero Moreno, Rocío Magdalena Díaz Campos

PA1481 **The effect of an asthma flare-up clinic on disease management and outcomes – a single center randomized controlled trial**
Ophir Freund (Tel Aviv, Israel), Omer Meoded, Ruth Itzhaki, Taly Gordon, Doron Cohn-Schwartz, Ariel Melloul, Sharon Engelberg, Inbal Friedman Regev, Boaz Tiran, Evgeni Gershman, Amir Bar-Shai

PA1482 **Using the Glittre-ADL test to identify treatable trait of dynamic hyperinflation in adults living with asthma**
Isabela Aziz (Niteroi, Brazil), Isabela Tamiozzo Serpa Tamiozzo Serpa, Paulo Leandro Da Silva Pinto, Marcela Pinto Venâncio Lourenço Da Silva, Iasmin Maria Pereira Pinto Fonseca, Thiago Prudente Bártholo, Agnaldo José Lopes

PA1483 **Survey evaluating CompEx Asthma components, and current and future digital enablers**
Geoffrey Chupp (New Haven, United States), Christopher Hui, Stephanie Christenson, Elliot Israel, Wim Janssens, Janwillem Kocks, Salman Siddiqui, John Haughney, Éva Topole, Carla A Da Silva, Clare Bolton

PA1484 **Development of a novel measure of inhaler technique: The Portsmouth Inhaler Technique (PIT) Score**
Ruth De Vos (Horndean, United Kingdom), Mitch Lomax, Heather Mackenzie, Thomas Brown, Milan Chauhan, Jane Longstaff, Robin Clark, Daniel Neville, Thomas Jones, Mark Sanders, Anoop J. Chauhan

PA1485 **Spirometry Coving Index: a novel predictor of asthma and COPD disease progression**
Rod Hughes (Sheffield (South Yorkshire), United Kingdom), Dougan Mckellar, Navot Arad, Hana Müllerová, Maria G Belvisi, Ricardo Del Olmo, Helen Reddel, Alberto Papi

PA1486 **Impact of airway inflammation on asthma control in patients receiving anti-inflammatory therapies**
Hà Pham Ngoc (Paris, France), Thông Hua-Huy, Nhât-Nam Lê-Dông, Frédérique Aubourg, Stéphanie Habib-Maillard, Clémence Martin, Isabelle Honoré, Nicolas Roche, Anh Tuan Dinh-Xuan

PA1487 **Diaphragm function in patients with asthma and healthy controls: a cross-sectional study**
Andrea Portacci (Modugno, Italy), Ilaria Iorillo, Vitaliano Nicola Quaranta, Monica Amendolara, Flogerta Sana, Valeria Pezzuto, Santina Ferrulli, Enrico Buonamico, Giuseppe Di Gioia, Silvano Dragonieri, Giovanna Elisiana Carpagnano

PA1488 **Relation of changes in PEF and FEV1 during bronchodilation in adults**
Leon L. Csonka (Tampere, Finland), Antti Tikkakoski, Liisa Vuotari, Jussi Karjalainen, Lauri Lehtimäki

PA1489 **Spirometry, oscillometry and ventilation heterogeneity in relation to asthma symptom control in adults**
Lander Huybrecht (Ternat, Belgium), Shane Hanon, Sylvia Verbanck

PA1490 **Comparing Impulse Oscillometry (IOS) and Spirometry in asthma diagnosis and small airway dysfunction assessment**
Anil Kumar Singh (Lucknow, India), Rajat Mishra, Huda Shamim, Alok Srivastava, Dipin S, Rahul Sharma

PS-17 Session 130 12:30 - 14:00

Poster session: Novel biomarkers and advances in patient stratification to predict airways disease progression and responsiveness to treatments

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Public health Pulmonary function testing General respiratory patient care Physiology

Chairs : Freda Yang (London, United Kingdom), Ian M. Adcock (London, United Kingdom)

PA1491 **Correlating FeNO persistence and lung function trajectories among patients with uncontrolled asthma**
Zhaoling Meng, Akhtar Hossain, Yifan Zhu, Megan Hardin, David Delvart, Bina Choi, Mary N. Brown, Benjamin T. Suratt

PA1492 **Ability of neutophil-to-lymphocyte ratio to predict asthma exacerbation severity and outcome: A prospective multicenter study**
Amira Jamoussi (Ariana, Tunisia), Sirine Rhaiem, Houda Snen, Line Kaabi, Hana Mrassi, Leila Gharbi, Ines Chermiti, Manel Kallel, Najla Ben Slimene, Takoua Merhebene, Emna Rachdi, Nacef Ben Mrad, Selim Sellaouti, Samia Ayed, Jalila Ben Khelil

PA1493	**Baseline characteristics of severe asthmatics in the old and new federal states of Germany** Stephanie Korn (Mainz, Germany), Tatjana Reshetnykova, Mandy Seefeldt, Katrin Milger, Dirk Skowasch, Christian Schulz, Hendrik Suhling, Rainer Ehmann, Frank Käßner, Christian Taube, Eckard Hamelmann, Marco Idzko, Roland Buhl
PA1494	**Sputum Biomarker-Based Classification of Asthma by granulocytic activation markers** Takehiro Hasegawa (Hamburg, Germany), Freda Yang, Nazanin Kermani, Feng Zhao, Hanna Lunding, Katie Raby, Pank Bhavsar, Ian M Adcock, Marc Chadeau, Kian Fan Chung
PA1495	**Proteomic analysis of urine revealed potential biomarkers for asthma endotype classification** Laura Martelo-Vidal (santiago de compostela, Spain), Sara Vázquez Mera, Pablo Miguéns Suarez, Francisco Javier Salgado Castro, Juan Luís García Rivero, María Cleofé Fernández Aracil, Susana Belén Bravo López, Francisco Javier González Barcala, Juan José Nieto Fontarigo
PA1496	**Untargeted metabolomics reveals the metabolic profiles of allergic asthmatic children in eastern and western China** Wenting Luo (Guangzhou (Guangdong), China), Baoqing Sun
PA1497	**Association between triglyceride glucose index and asthma exacerbation: A population-based study** Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang
PA1498	**Unveiling Sex-Specific Lipid-Mediator Profiles in Airways in a Comparative Study of Asthma and Bronchopulmonary Dysplasia** Nicole Wagner (Stockholm, Sweden), Benedikt Zöhere, Antonio Checa, Alessandro Quaranta, Martina Bonatti, Iryna Kolosenko, Petra Um-Bergström, Anders Lindén, Eva Berggren-Broström, Magnus Sköld, Craig Wheelock, Åsa Wheelock
PA1499	**Proteomic Biomarkers for Biological Treatment Response in Severe Asthma** Bengü Çürük Gürbüz (Adana, Turkey), Burcu Saygıdeger, Meryem Köse, Melis Sardan Ekiz, Ibrahim Cagatay Karaarslan, Omur Celikbıcak, Idil Yet, Yasemin Saygıdeger
PA1500	**Impact of dupilumab on type 2 inflammatory biomarkers in asthma by baseline inhaled corticosteroid dose and clinical remission status after treatment** Giorgio Walter Canonica (Milano (MI), Italy), Ian Pavord, Klaus Rabe, Guy Brusselle, William W. Busse, Arman Altincatal, Olivier Ledanois, Rebecca Gall
PA1501	**Dynamics of specific IgE and clinical response to dupilumab in severe asthma** Luka Kunej (Otočec, Slovenia), Peter Kopač, Peter Korošec, Urška Bidovec-Stojković, Saša Rink, Matevž Harlander, Sabina Škrgat
PA1502	**Total IgE as a biomarker in obstructive airway disease: insights from NOVELTY** Jose M. Olaguibel (Pamplona, Spain), Christer Janson, Andrei Malinovschi, Magnus Borres, Rosa Faner, Rod Hughes, Anastasios Mangelis, Hana Müllerová, Alberto Papi, Helen K Reddel
PA1503	**Young smokers with higher blood eosinophil counts show elevated type 2 biomarkers in the BEACON study** Augusta Beech (Manchester, United Kingdom), Andrew Ritchie, Aaron Braddy-Green, Luana Alves-Moreira, Apolline Njm Marion, Charlotte E Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Robert A Stockley, Tom M Wilkinson, Lydia J Finney, Julie Yates, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Jorgen Vestbo, Peter M Calverley, James P Allison, Jadwiga A Wedzicha, Dave Singh
PA1504	**Real-World Evidence among COPD Patients in Japan: A retrospective analysis to investigate the disease burden of COPD patients with type2 inflammation with electronic medical record (EUROS study)** Shigeo Muro (Kashihara, Japan), Mami Orimo, Yoshinori Sunaga, Shoichiro Inoguchi, Makoto Tokuda, Masato Ishida
PA1505	**Raised blood eosinophil counts are associated with high airway type 2 inflammation in chronic obstructive pulmonary disease** Ron Chen (Stevenage, United Kingdom), Sudarshan Chari, Joanna Betts, Jeff Min, Stefanie Kolterer
PA1506	**Two CD4+FOXP3+ T cell subpopulations Distribution in BALF: Insights into Disease Phenotypes and Prognosis of COPD** Jia Hou (Yinchuan, China), Dan Wang, Jiale Zhao, Weirong Ma, Xinru Peng
PA1507	**The effect of smoking on thymic stromal lymphopoietin levels in patients with severe COPD** Nicole Mistarz (Copenhagen, Denmark), Sigrid Nielsen, Therese Laperre, Celeste Porsbjerg, Asger Sverrild
PA1508	**Extracellular vesicles from bronchoalveolar lavage fluid provide insights into the ICS treatment response in COPD** Jiahua Fang (Groningen, Netherlands), Justina C. Wolters, Karim Rafie, Changshuo Wang, Sabine Bartel, Maarten Van Den Berge, Machteld N. Hylkema
PA1509	**Exploring the significance of mast cell progenitors in allergen immunotherapy** Animamalar Mayavannan (Uppsala, Sweden), Anna Sörman, Erika Mendez-Enriquez, Sara Wernersson, Christer Janson, Andrei Malinovschi, Jenny Hallgren

PA1510 **Distinguishing features of chronic cough associated with long COVID identified through transcriptome profiling**
caixia di (shanghai, China), Chenxu Gao, Hai Fang, Ranran Dai

PS-18 Session 131 12:30 - 14:00

Poster session: Epidemiology of interstitial lung diseases, tuberculosis, COVID-19 and others

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Public health Imaging Epidemiology General respiratory patient care

Chairs : Subhabrata Moitra (Ahmedabad, India), Chair to be confirmed

PA1511 **Incidence of interstitial lung disease subtypes in three Nordic countries**
Jorunn Kirkeleit (Paradis, Norway), Lucile Sese, Svetlana Solovieva, Christine Cramer, Inge B Iversen, Karina Undem, Rachel L Hasting, Cecilie Svanes, Mimmi Leite, Damien Mcelvenny, Miguel Santibanez, Elisabeth Bendstrup, Michelle Turner, Anjoeka Pronk, Ingrid S Mehlum, Henrik A Kolstad, Vivi Schlünssen

PA1512 **Interstitial lung abnormalities in elective surgical patients with hiatus hernia – a pilot retrospective study in a single center in Bulgaria**
Dimitar Petrov (Ruse, Bulgaria)

PA1513 **Assessing Diagnostic Delays in Interstitial Lung Disease: Duration and Contributing Factors;Multicentre study catering to the population of rural India.**
Deepak Muthreja (Nagpur (Maharashtra), India), Shital Patil

PA1514 **Interstitial Lung Disease in Māori and Pasifika peoples: Examining underrepresentation and health disparities in Aotearoa/New Zealand**
James Tadjkarimi (Auckland, New Zealand), Margaret Wilsher, Adrienne Edwards, Keu Maote, Harry Gallagher, Jeremy Wrobel, Tamera Corte, Dan Jackson, Greg Gamble, Sally De Boer

PA1515 **Clinico-radiologic patterns of Interstitial Lung Disease (ILD) At a Tertiary Care Centre in Mumbai, India**
Sanjitha Muneeswaran (Mahim, Mumbai, India), Aniket Gawas, Achint Gautam, Zarir F Udwadia, Jai Mullerpattan, Radhika Banka, Santosh Gupta, Lancelot M Pinto

PA1516 **Referral patterns and disease management of PF-ILD in Portugal: interim results from a national, non-interventional, multicenter study**
David Jorge Araújo Barros Coelho (Braga, Portugal), Alexandra Borba, Ana Loureiro, Ana Verónica Cardoso, Carla António, Cláudia Guerreiro, Carla Nogueira, Catarina Pereira, Daniela Neves, Lígia Fernandes, Marisa Anciães, Miguel Lopes, Nelson Serrano Marçal, Pedro Gonçalo Ferreira, Rita Pinto Basto, Rita Simões, Susana Clemente, António Morais

PA1517 **Epidemiology and sociodemographic characteristics of PF-ILD in Portugal: interim results from a national, non-interventional, multicenter study.**
Gonçalo Moura Portugal (Almada, Portugal), Alexandra Borba, Ana Loureiro, Ana Verónica Cardoso, Carla António, Cláudia Guerreiro, Carla Nogueira, Catarina Pereira, David Barros Coelho, Daniela Neves, Lígia Fernandes, Marisa Anciães, Miguel Lopes, Nelson Serrano Marçal, Pedro Gonçalo Ferreira, Rita Simões, Susana Clemente, António Morais

PA1518 **Educational inequalities in incidence and survival of idiopathic pulmonary fibrosis in Italy: a population-based cohort study**
Giulia Cesaroni (Rome, Italy), Chiara Sorge, Giancosimo Mancini, Francesco Varone, Giuseppe Corbo, Nera Agabiti

PA1519 **Oral Anticoagulants on Idiopathic Pulmonary Fibrosis: A Population Study**
Francesca Gonnelli (Ancona, Italy), Heath Heatley, Ursie Smith, Neva Eleangovan, John Townend, Vidya Navaratnam, Tamera Corte, David Price, David Price, Victoria Carter, Martina Bonifazi, Caitlin Fermoyle, Richard Hubbard

PA1520 **Incidence and prevalence of progressive pulmonary fibrosis in the United States**
Yanni Fan (Ridgefield, United States), Haikun Bao, Kristy Iglay, Prethibha George, Ann Chauffe, Divya Patel, Pratik Pimple, Vinicius C. Antao, Amy L. Olson, Steven D. Nathan

PA1521 **Demographic factors and with tuberculosis pretreatment loss-to-follow-up Rate: A subregional level ecological study in Indonesia**
NAYAKA PAMADI (Bekasi, Indonesia), Muhammad Wardoyo, Annisa Aulia, Erlina Burhan

PA1523 **Socioeconomic factors associated with tuberculosis pretreatment loss-to-follow-up rate: A subregional level ecological study in Indonesia**
Annisa Putri Aulia (Jakarta, Indonesia), Nayaka Nayottama Pamadi, Muhammad Prasetio Wardoyo, Erlina Burhan

PA1524 **Tuberculosis trends in the Republic of Moldova: current epidemiological context**
Tatiana Osipov (Chișinău, Republic of Moldova), Alina Malic, Adriana Niguleanu, Evelina Lesnic

PA1525 **Causal Effects of Genetically Proxied Lipid-Lowering Drug Targets on Respiratory Infection**
Taikang Yao (beijing, China), Zhenchao Wu, Zilu Wang, Zhongyu Han, Jiajia Zheng, Beibei Liu, Yipeng Du, Rui Wu, Ming Lu, Ning Shen

PA1526 **The changing trends of respiratory viruses in hospitalized children: during and after the COVID-19 pandemic**
Min Jung Kim (Seoul, Republic of Korea), Joon-Sik Choi, Eun Kyung Sul, Doo Hee Shim, Hye Ran Cha, Soo Yeon Kim, Mi Na Kim, Myung Hyun Sohn, Jae Myun Lee

PA1527 **Birthplace implications of COVID-19 in Utah**
Daniel Knox (Murray, United States), Natalia Arizmendez, Megan Cahn, Chun-Pin Esther Chang, Zhe David Yu, Kimberley Shoaf, Sharon Talboys, Mia Hashibe

PA1528 **Associations of different lung function parameters with PCS-Score severity in SARS-CoV-2-infected individuals without comorbidities**
Lennart Reinke (Kiel, Germany), Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter U Heuschmann, Thomas Zoller, Thomas Keil, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina M Hopff, J Janne Vehreschild, Wolfgang Lieb, Michael Krwaczak, Klaus F Rabe, Espen Elias Groth, Jan Heyckendorf, Stefan Schreiber, Mustafa Abdo, Thomas Bahmer

PA1529 **Impact of asthma status on the risk of respiratory syncytial virus acute respiratory infection**
David Watson (Rochester, United States), Young J Juhn, Thanai Pongdee, Katherine King, Wendelyn Bosch, Chung-Il Wi, Hilal Maradit Kremers, Traci Natoli, Kathy Ihrke, Steph Phoenix, Matthew Binnicker, Joseph Yao, Lisa Speiser, Randy Foss, Brandon Hidaka, Andrew Allmon, Jean-Yves Pirçon, Pouya Saeedi, Robert Pignolo, Paul Takahashi

PA1530 **Global trends in pleural infection mortality**
Francesca Gonnelli (Ancona, Italy), Matteo Charles Malvezzi, Martina Bonifazi, Federico Mei

PS-19 Session 132 12:30 - 14:00

Poster session: Longitudinal approaches to describe respiratory diseases and assess causality

Disease(s) : Airway diseases | Pulmonary vascular diseases | Thoracic oncology | Sleep and breathing disorders

Method(s) : Epidemiology | Public health | General respiratory patient care | Pulmonary function testing

Chairs : Helena Backman (Lulea, Sweden)

PA1531 **Joint trajectories of wheezing, asthma and rhinitis through childhood and adulthood: insights from the INMA and ECRHS cohorts**
Marine Savouré (Barcelona, Spain), Martí De Las Heras, Sarah Koch, Simone Accordini, Hayat Bentouhami, Paula Carrasco, Lidia Casas Ruiz, Sébastien Chanoine, Angelo Corsico, Pascal Demoly, Shyamali Dharmage, Ana Esplugues, Elaine Fuertes, Thorarinn Gíslason, Francisco Gomez Real, Monica Guxens, Joachim Heinrich, Mathias Holm, Randi Jacobsen Bertelsen, Christer Janson, Debbie Jarvis, Rain Jogi, Benedicte Leynaert, Maria Llopis, Caroline Lodge, Andrei Malinovschi, Alessandro Marcon, Lars Modig, Catherine Neukirch, Dennis Nowak, Gabriela P. Peralta, Nicole Probst-Hensch, Chantal Raherison, Vivi Schlünssen, Valérie Siroux, Giulia Squillacioti, Cecilie Svanes, Martine Vrijheid, Judith Garcia-Aymerich

PA1532 **Predictors of extended lung function trajectories in the ALSPAC cohort**
Jack Grenville (Bristol, United Kingdom), Raquel Granell, Paul Yousefi, Rebecca C Richmond, James W Dodd

PA1533 **Clinical characteristics differ already a decade prior to observed lung function trajectories in airway obstructive individuals**
Ann Lindberg (Boden, Sweden), Helena Backman, Anders Lundquist, Linnea Hedman, Caroline Stridsman, Tomi Myrberg, Anders Blomberg, Jonas Eriksson Ström, Eva Rönmark

PA1534 **Introducing PELICAN: A new resource for understanding lung function trajectories in survivors of preterm birth**
Hannah L Moore (Perth, Australia), Thomas Halvorsen, Sanja Stanojevic, Amber Bates, Lex W Doyle, James Gibbons, Diane M Gray, Jenny Hallberg, John R Hurst, Sailesh Kotecha, Enrico Lombardi, Petra Um Bergström, Maria Vollsæter, Shannon J Simpson, . Pelican C.R.C

PA1535 **Characterizing concurrent trajectories of wheezing, allergic rhinitis and atopic dermatitis from 11 to 22 years in a Brazilian birth cohort**
Fernando C. Wehrmeister (Pelotas (RS), Brazil), Gabriela A Marques, Valeria Lima Passos, Ana M B Menezes

PA1536 **Sleep parameters according to the trajectories of wheezing, atopic dermatitis and allergic rhinitis: the Pelotas (Brazil) 1993 birth cohort**
Ana Maria Baptista Menezes (Pelotas (RS), Brazil), Gabriela A Marques, Valeria Lima Passos, Fernando C Wehrmeister

PA1537 **Identifying critical time windows for lung function change from childhood to adulthood**
Gang Wang (Chengdu City, China), Nuria Olvera, Judith M. Vonk, Simon Kebede Merid, Natalia Hernandez-Pacheco, Inger Kull, Anna Bergström, Anne-Sophie Merritt, Maarten Van Den Berge, Hans Jacob L. Koefoed, Ulrike Gehring, Rosa Faner, Gerard H. Koppelman, Alvar Agusti, Erik Melén

PA1538 **Characteristics of COPD development over 11 years in the HUNT Study**
Sebastian Buchardt (Højbjerg, Denmark), Ulla Møller Weinreich, Sigrid Anna Aalberg Vikjord

PA1539 **Evolving Patterns of Chronic Respiratory Diseases in Western Europe Over the Last Three Decades: A Systematic Analysis of GBD 2021**
Rohan Raj (Chhapra, India), Mahendra Kumar, Fnu Suman, Neha Boski, Syeda Areeba Hussain Kazmi, Pallavi Madannagari, Parvinder Kaur

PA1540 **Natural History of Spirometric or Oscillometric Abnormalities in Asymptomatic adults within the general population**
Chiara Veneroni (Milano (MI), Italy), Christoph Valach, Christoph Gross, Emiel F M Wouters, Raffaele Dellaca', Marie-Kathrin Breyer, Sylvia Hartl, Charles Irvin, David A Kaminsky, Pasquale P Pompilio, Robab Breyer-Kohansal

PA1541 **Determinants of lung function catch-up from adolescence to adulthood.**
Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Mia Rødde, Arnulf Langhammer, James Peter Allinson, Lowie Vanfleteren

PA1542 **Cachexia and outcome in hospitalized patietns with COPD: a national database analysis 2010-2019**
Mitja Lainscak (Celje, Slovenia), Tina Zupanic, Daniel Omersa, Ivan Erzen, Jerneja Farkas

PA1543 **Healthcare consumption and care pathway of patients who died from COPD between 2017 and 2022 in France.**
Laurent Guilleminault (Toulouse Cedex, France), Axel Renoux, Nadège Costa, Agnès Sommet, Michael Mounié, Margaux Lafaurie

PA1544 **Sex difference in wheezing and chest infections: An outcome-wide exposome approach**
Robin Mzati Sinsamala (Bergen, Norway), Augusto Anguita-Ruiz, Alessandro Marcon, Xavier Basagaña, Mariona Bustamante, Maria Foraster, Mireia Gascon, Elisa Llurba, Mark J. Nieuwenhuijsen, Cecília Persavento, Ioar Rivas, María Dolores Gómez-Roig, Jordi Sunyer, Ane Johannessen, Payam Dadvand

PA1545 **Real-world study on causes of death in people with Chronic Obstructive Pulmonary Disease (COPD) in England**
Hana Müllerová (Cambridge, United Kingdom), Nicolas Roche, Mu Cheng, Nisha C Hazra, Kirsten Gallant, Stephanie Dods, Hungta Chen, Marianne Cunnington, Chunyi Xu, Achim Wolf, Carolyn Su Ping Lam, Mona Bafadhel, Michael Pollack

PA1546 **Are inhaled corticosteroids protective against lung cancer in COPD patients? Results of a retrospective analysis from Hungary**
Balázs Sánta (Budapest, Hungary), Gábor Tomisa, András Südi, Tamás Balázs, Noémi Eszes, Lilla Tamási

PA1547 **Prevalence of WHO Group 2 and 3 pulmonary hypertension in England 2005–2020: a population-based study**
Ann Morgan (Market Harborough (Leicestershire), United Kingdom), Allan Lawrie, Jennifer Quint

PA1548 **Dynamics of the DALY indicator of the adult population with Chronic Obstructive Pulmonary Disease in the Republic of Moldova**
Irina Sincarenco (Chisinau, Republic of Moldova), Anna Moscovciuc, Larisa Procopisin

PA1549 **Real world burden of non-cystic fibrosis bronchiectasis (NCFB) in patients with a history of exacerbation**
Denise Boudreau (Seattle, United States), Alina Levine, Divya Mohan, Julie Ng, Louis Metcalf

PA1550 **Survival in COPD Patients Treated with Home Mechanical Ventilation: Results from the DISCOVERY Study**
Christer Janson (Uppsala, Sweden), Össur Emilsson, Ludger Grote, Mirjam Ljunggren, Josefin Sundh, Magnus Ekström, Andreas Palm

PS-2 Session 133 12:30 - 14:00

Poster session: Current clinical problems in respiratory medicine II

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders | Interstitial lung diseases

Method(s) : General respiratory patient care | Epidemiology | Imaging | Pulmonary function testing | Public health | Cell and molecular biology | Physiology | Pulmonary rehabilitation

Chairs : Winifred Broekman (Leiden, Netherlands), Georgios Kaltsakas (Athens, Greece)

PA1551 **Particularities of COPD in Tunisian women**
Baraa Ben Bdira (Sousse, Tunisia), karim felhi, Asma Knaz, Sana Aissa, Iteb Benlimem, Salsabil Bouafia, Asma Omrane, Imen Gargouri, Ahmed Abdelghani

PA1552 **Modeling the decline of physical activity preceding acute exacerbations of COPD**
Florent Baty (St. Gallen, Switzerland), Matteo Lombreschi, Maximilian Boesch, Martin Brutsche, Frank Rassouli

PA1553 **Structural pulmonary abnormalities in adults born with esophageal atresia warrant lifelong follow-up**
Stephanie Wintels (Rotterdam, Netherlands), Julian Van De Ven, Lidewij Visser, Arnold Duinisveld, Pierluigi Ciet, Hanneke Ijsselstijn, Rene Wijnen, John Vlot, Lieke Kamphuis

PA1554	**A systematic review of clinical signs and symptoms in large airway collapse(LAC)** Chelliah Paramasivan (Cambridge, United Kingdom), Jamie Forrester, Robin B Gore, Peter B Jones
PA1555	**Benefits of Whey Protein Supplementation: Beyond Skeletal Muscle Reaching Lung Function and Immune Response in Older Adults without COPD** Rodolfo P Vieira (Anápolis, Brazil), Meiry Souza Moura-Maia, Rosa Helena Ramos Paula-Vieira, Anamei Silva-Reis, Eduarda Teodora Rachid-Wolp, Naiara Nadia Moreira-Silva, Andre Luis Lacerda Bachi, Luis Vicente Franco De Oliveira, Yanesko Fernandes Bella
PA1556	**Untargeted Metabolomics Uncovers Disturbed Gut Microbial Tryptophan-indole Metabolism in the Development of COPD** Yun Liu (Xi'an, China), Dan Wang
PA1557	**Obesity and COPD: more than just a comorbidity** Alina Babets (Dnipro, Ukraine), Nataliia Sanina, Tetyana Pertseva, Lyudmyla Konopkina, Tamara Turlyun
PA1558	**Breathing retraining for dysfunctional breathing in children results in objective improvements in breathing patterns accompanied by significant improvements in quality of life** Nicki Barker (Sheffield (South Yorkshire), United Kingdom), Heather Elphick, Lowri Thomas, Mark Everard
PA1559	**The multidimensional impacts of chronic breathlessness in younger people: a nationally-representative population survey** Vanessa Brunelli (New South Wales, Australia), Sungwon Chang, Slavica Kochovska, David Currow
PA1560	**Investigation of characteristic exhaled volatile organic compounds in chronic obstructive pulmonary disease patients** Yaoxi Chen (Chengdu, China), Yingying Chai, Yuan Wang, Yuanjie Li, Jing Ren, Zhixin Qiu
PA1561	**Educational needs of people with COPD and ILD: insights from the Lung Information Needs Questionnaire** Ana Rita Costa Pereira (Torreira, Portugal), Maria Aurora Mendes, Pedro Viegas, Joana Gomes, Tânia Pinho, Raquel Vilar Marinho, Alda Marques
PA1562	**The relationship between radiological features of DIPNECH, and clinical symptoms and physiology** Marissa O'Callaghan (County Cork, Ireland), Helen O'Brien, Sarah H Forde, Wieneke Buikhuisen, Maitreiyi Penugonda, Remi Diesler, Hussein Almeamar, Bilal F Samhouri, Jay H Ryu, Cottin Vincent, Marcel Veltkamp, Effrosyni D Manali, Angeliki Lazaratou, Spyrios A Papiris, Francesco Bonella, Laurie Carr, Camille Taille, Francis X Mccormack, Nishant Gupta, Jonathon Strosberg, Filippo M Lococo, Sergio Harari, Demosthenes Bouros, Ilias Dimeas, Lykourgos Kolilekas, Zoe Daniil, Fernanda Hernandez, Paolo Spagnolo, Sean Quinn, Donal O'Shea, O'Toole Dermot, Aurelie Fabre, Rachel Crowley, David Murphy, Adam J Byrne, Michael Keane, Alessandro Franciosi, Ludovic Fournel, Cormac Mccarthy, Cormac Mccarthy
PA1563	**Prognostic Value of Nutritional and Clinical Severity Scores in COPD Exacerbations: The Impact of Prognostic Nutritional Index (PNI) and DECAF on In-Hospital and 90-Day Mortality** Aslı Görek Dilektaşlı (Bursa, Turkey), Ozge Aydin Guclu, Nilüfer Aylin Acet Öztürk, Mine Tül Yaman, Ezgi Demirdöğen, Ahmet Ursavaş, Funda Coşkun, Esra Uzaslan, Mehmet Karadağ
PA1564	**The effect of frailty syndrome on kinesiophobia in patients with COPD** Nisanur Tutus (İstanbul, Turkey), Esra Pehlivan, Elif Yıldırım, Yağmur Aydogdu, Ipek Özmen
PA1565	**Triple disease syndrome** Marine Petrosyan (Yerevan, Armenia)
PA1566	**Lung function trajectories across airway diseases** Rosa Faner (Barcelona, Spain), Awa Diop, Ulla Møller Weinreich, Alvar Agusti, Alberto Papi, Helen K. Reddel, Hana Müllerová, Rod Hughes
PA1567	**The burden of unexplained dyspnea** Nathalie Bautin (Lille cedex, France), Anissa Reguig, Clémence Remy, Lidwine Wemeau, David Montaigne, Thierry Perez, Cécile Chenivesse
PA1568	**Associations and outcomes of chronic obstructive pulmonary disease (COPD) in patients with psychiatric comorbidities: systematic review and meta-analysis** Sulaiman Alsaab (Riyadh, Saudi Arabia), Michael Newnham, Alice Turner, Hayyaf Aldossary, Abdullah Albukhary, Amanda Farley
PA1569	**Alpha-1 Antitrypsin Deficiency-associated Panniculitis: a Survey of Lived Experience** Reem Alluhibi (London, United Kingdom), Jaiden Townsend, Nicky Lynch, Richard Woolf, Aileen Marshall, David Lomas, John Hurst
PA1570	**COPD patients are unable to subjectively recognize their objective disorders and its changes.** Tomomasa Tsuboi (Joyo, Japan)

PS-20 Session 134 12:30 - 14:00

Poster session: Silica, asbestos, microplastics and lung cancer

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Public health Imaging Pulmonary function testing General respiratory patient care Physiology

Chairs : Sara De Matteis (Milan, Italy), Steven Ronsmans (Leuven, Belgium)

PA1571	**Potential sources of asbestos exposure: non-systematic surveys in DR Congo** Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Pascal Mambwe, Jan Van Bouwel, Paul Musa Obadia, Désiré Mundali Nshimbi, Tony Kayembe-Kitenge, Jeroen Vanoirbeek, Celestin Banza Lubaba, Steven Ronsmans, Benoit Nemery
PA1572	**Modelling silicosis in macrophages and precision-cut lung slices (PCLS) informed by analysis of bronchoalveolar lavage (BAL) from artificial-stone workers** Jane Bourke (Clayton (VIC), Australia), Claudia Sim, Aidan Carroll, Terry Lim Kam Sian, Elizabeth Richards, Paris Papagianis, Simon Royce, Nicole Goh, Ryan Hoy, Glen Westall, Tracy Leong, Ralf Schittenhelm
PA1573	**The Relationship Between Small Airway Dysfunction and Systemic Inflammatory Index Markers with Disease Stage in Pneumoconiosis: A Multicenter 10-Year Retrospective Cohort Study** Mualla Elif Bayındır (İzmir, Turkey), Ayşe Coşkun Beyan, Özlem Melis Korkmaz Özgüngör, Nur Şafak Alıcı, Melike Yüksel Yavuz, Emin Erdem, Belgin Oral, Defne Kalaycı, Duygu Lüleci, Şeyma Karaketir, Deniz Boz Eravcı, Hande Özgen, Ilke Karabağ, Mehmet Erdem Alagüney, Mümine Yüksel, Nergis Kayacan, Nur Acar, Ömür Güngör, Özlem Erçen Diken, Simge Yavuz Yıldırım, Canan Demir
PA1574	**Asbestos-related respiratory diseases in the SWORD surveillance scheme (1996-2023) from exposure in the UK Armed Forces** Gareth Walters (Birmingham (West Midlands), United Kingdom), Ruth Wiggans, Laura Byrne, Melanie Carder, Zipporah Iheozor-Ejiofor, Martie Van Tongeren
PA1575	**Environmental and professional exposure in newly diagnosed lung cancer from PROTEON** Anne Sibille (Liège, Belgium), Jessica Hendick, Aurore Cue Alvarez, Bernard Duysinx, Marie Ernst, Jean-Louis Corhay, Renaud Louis
PA1576	**Inhalation exposure to PAHs and BTEX emissions from grills and their influence on cancer risk** Artur Badyda (Warszawa, Poland), Jan Bihalowicz, Wioletta Rogula-Kozłowska, Grzegorz Majewski, Kamila Widziewicz-Rzońca, Karolina Bralewska, Barbara Piekarska, Mariusz Rogulski, Piotr Dąbrowiecki
PA1577	**Sarcoidosis AND Silica: a case-contol sTudy of OccupatioNal Exposures (SANDSTONE study)** Christopher C. Huntley (Bromsgrove, United Kingdom), Kimberley Nettleton, Samuel Wallbanks, Christopher Reilly, Hollie Morgan, Thomas Duffin, Anjali Crawshaw, Tabinda Kharodia, Aled Phillips, Shirley Coelho, Harriet Bothwell, Ahmed Fahim, Umma Tomo, Shiva Bikmalla, Helen Stone, Steve O'Hickey, Alison Durie, Guy Hagan, Geraldine Burge, Alice M Turner, P. Sherwood Burge, Gareth I. Walters
PA1578	**Artificial stone-related interstitial lung diseases: the first case series from Türkiye** Özlem Kar Kurt (Istanbul, Turkey), Seyma Karaketir, Zeki Kılıcaslan, Metin Akgun
PA1579	**Silicosis prevalence among small-scale miners in Northern Tanzania** Patrick Howlett (LONDON, United Kingdom), Bibie Said, Emmanuel Mwanga, Godrey Idd, Alexander Mbuya, Onn Min Kon, André Amaral, David Rees, Stellah Mpagama, Johanna Feary
PA1580	**Malignant mesothelioma in Sub-Saharan Africa: a scoping review** Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Steven Ronsmans, Celestin Banza Lubaba, Jeroen Vanoirbeek, Mohamed Jeebhay, Benoit Nemery
PA1581	**Can serum chitotriosidase levels, immune, and oxidative stress parameters be early diagnostic indicators in patients with silicosis?** Dilek Ergun (Konya, Turkey), Recai Ergün, Esin Ozkan, Özlem Kar Kurt, Merve Güdül Bacanlı, Muslu Kazım Körez
PA1582	**Occupational and Regional Patterns of Silicosis in Türkiye: A Multicenter Study** Özlem Kar Kurt (Istanbul, Turkey), Bilge Akgunduz, Abdulsamet Sandal, Esra Aydin Ozgur, Eliz Kuman Oyman, Defne Kalayci, Merve Demirci Atik, Belgin Oral, Alperen Aksakal, Zehra Nur Toreyin, Esra Oğuz, Ismail Bulgur, Fatma Erboy Keskintıg, Ibrahim Akkurt, Metin Akgun
PA1583	**Radiation-induced Lung Cancer in victims of The Chornobyl NPP accident in the remote postaccidental period** Stanislav Ustinov (Kyiv, Ukraine), Viktor Sushko, Olena Kolosynska, Olena Apostolova

PA1584 **Exploring Health Problems of Occupational and Non-occupational Asbestos Exposure in Communities Living Near Asbestos Mines**
Pankaja Raghav (Jodhpur, India), Venkiteswaran Muralidhar, Akhil Goel, Pritish Baskaran, Rehana Vr, Saranya Rajavel, Vishal Mehrara, Harimadhav Viswanathan, Kishan Gopal

PA1585 **RADIOLOGICAL FINDINGS AND PATHOLOGY SECONDARY TO ASBESTOS EXPOSURE IN PATIENTS FOLLOWED UP BY A POST-OCCUPATIONAL HOSPITAL CLINIC**
Miguel Suarez Ortiz (madrid, Spain), Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Africa Alcorta Mesas, María Belén López-Muñiz Ballesteros, María Beatriz Arias Arcos, Ismael Alí García, Julio Hernández Vázquez, Luis Arturo Arvelo Castro, Daniel Hiad Mouhtar El Halabi, Silvia Martín Bote, Mariara Antonieta Calderón Alcalá, María Isabel Andrade Vela, Irene Milagros Domínguez Zabaleta, David Martos Ruiz, César Araque Molina, Jorge Rabago Castro, Inmaculada Castillo Gil, María Jesús Buendía García

PA1586 **TLR4 as a biomarker for silicosis: Driving Silica-Induced Pyroptosis through Glycolytic Reprogramming**
xiaojie you (Wuhan, China), Yujia Xie, Gaoyin Xiong, Haoyu Yin, Shiyu Yang, Jixuan Ma, Weihong Chen

PA1587 **The Development of Silicosis in Workers of Artificial Stone Production: A Descriptive Retrospective Study and Bibliometric Analysis**
Mualla Elif Bayındır (İzmir, Turkey), Ayşe Coşkun Beyan, Canan Demir, Özlem Melis Korkmaz Ozgungör, Mehmet Emin Arayıcı, Melike Yüksel Yavuz

PA1588 **Late Breaking Abstract - Workers' compensation of lung cancer due to occupational exposure to asbestos in the Netherlands**
Javier Mancilla Galindo (Utrecht, Netherlands), Susan Peters, Jenny Deng, Lützen Portengen, Roel Vermeulen, Dick Heederik

PA1589 **Effects of secondary microplastic on the respiratory system of BALB/c mice**
Regiani Carvalho Oliveira (São Paulo (SP), Brazil), Francine Almeida, Kelly Yoshizaki, Mariangela Macchione, Fernanda D. T. Q. Dos Santos Lopes, Natan A. Aguiar, Giovanna V. Jaqueira, João Pedro Albuquerque, Thais Mauad, Luís Fernando Amato Lourenço

PA1590 **Microplastic Exposure in COPD Alters the Immune Microenvironment: Implications for Tumor-Promoting Inflammation**
Wangrui Liu (Shanghai, China), Jiachang Chi, Huaqi Guo, Gang Wei

PS-21 Session 135 12:30 - 14:00

Poster session: Breaking the habit: advancing tobacco cessation strategies

Disease(s) : Airway diseases

Method(s) : Public health General respiratory patient care Epidemiology

Chairs : H. Volkan Kara (Istanbul, Turkey), Luiza Helena Degani-Costa (São Paulo, Brazil)

PA1591 **Nurses' experiences of smoking and the impact on themselves and their patients**
Nicola J. Roberts (Edinburgh, United Kingdom), Joanne Haws, Michaela Nuttall, Hester Butler, Helen Donovan, Christine Hancock

PA1592 **What is known about nurses smoking prevalence and behaviour? A scoping review**
Nicola J. Roberts (Edinburgh, United Kingdom), Sahar Khonsari, Shirley Ching, Alice Pearsons, Andrew Steven, Michaela Nuttall, Sandra Sharp, Martin Sharp, Hester Butler, Iain Atherton, Helen Donovan, Christine Hancock

PA1593 **Self-reported awareness about smoking cessation among medical students , depending on their smoking status**
Anzhelika Shevchuk (Kyiv, Ukraine), Vitalii Poberezhets, Anna Demchuk, Mariia Tsyben

PA1594 **Medical students' perceptions about a b-learning cessation training: a cross-sectional study**
Sofia Belo Ravara (Covilhã, Portugal), Jéssica Meira Lemos, Hilson Cunha Filho, Pedro Aguiar, Dongbo Fu

PA1595 **Evaluation of physicians' knowledge, attitudes, and behaviors regarding electronic cigarette use**
Kübra Taskaraca Karabacak (Ankara, Turkey), Fatma Bozdağ, Nurdan Kokturk

PA1596 **Perceptions and understanding of e-cigarettes among non-smoking medical students: a cross-sectional study**
Nazlı Zeynep Uslu (Istanbul, Turkey), Arif Ataberk Büyükyatikci, Ebru Bilir, Irem Karaman, Merih Kalamanoglu Balci

PA1597 **Vaping and adolescents: results of a survey in two Pediatric Pulmonology Clinics**
Giulia Bertolucci (PISA, Italy), Stefania Roncaglia, Alessandra Beni, Giulia Grillo, Michele Ghezzi, Stefania La Grutta, Maria Elisa Di Cicco

PA1598 **Influence of social media channels on nicotine consumption behavior in the age group 17– 30 years**
Regina Hanke (Berlin, Germany), Andreas Hoheisel, Kwan-Young Yang, Andrea Kloß, Ivan Cherrez-Ojeda, Daiana Stolz

PA1599 **IMPACT OF AN EDUCATIONAL INTERVENTION ON VAPING RISKS AMONG 8TH GRADE STUDENTS**
Beatriz Raboso Moreno (Madrid, Spain), Gema González Maurazos, Ángela Ruiz Calvo, Alejandro García García, María Conejero Merchán, Araceli Abad Fernández

PA1600 **Effective strategies for the cessation and prevention of smoking among children and adolescents**
Oksana Poberezhets (Vinnytsia, Ukraine), Sofia Borysenko, Khrystyna Volnytska, Mykola Stanislavchuk, Nadiya Rudnytska, Volodymyr Tsmok

PA1601 **TUNISIAN ADOLESCENTS' USE OF CIGARETTES, E-CIGARETTE AND WATERPIPE: CLUSTERING WITH HEALTH-COMPROMISING BEHAVIORS AND MENTAL HEALTH.**
Baraa Ben Bdira (Sousse, Tunisia), Asma Knaz, Sihem Ben Fredj, Rim Ghamem, Nawel Zammit, Afef Skhiri, Imed Harrabi, Ahmed Abdelghani

PA1602 **Stress,tobacco and depression:a concerning trio among early-career doctors**
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Hela Hassene, Hanene Smadhi, Leila Elfekih

PA1603 **Use of tobacco and other nicotine products among physicians, dentists, and medical and dental students in Finland 2024**
Maria Juusela (Kauniainen, Finland), Aleksi Hautamäki, Taja Tanner, Anna Maria Heikkinen, Kirsi Vähäkangas

PA1604 **Is electronic cigarette a safer alternative? A study on electronic cigarettes consumption and its association with respiratory symptoms among university students in Hong Kong.**
Shama Razzaq (Hong Kong, China), King Lun Yeung, Wei Han

PA1605 **Association of urban built environment characteristics with smoking behavior in adults**
Panayiotis Kouis (Nicosia, Cyprus), Benjamin Weitz, Carolina Zilli Vieira, Panayiotis K. Yiallouros, Marina Neophytou, Andreas Protopapas, Petros Koutrakis, Petros Mouzourides, Angelos P. Kassianos

PA1606 **Knowledge of the General Tunisian Population on Electronic Cigarettes and Their Role in Smoking Cessation**
Baraa Ben Bdira (Sousse, Tunisia), Asma Knaz, Rania Bannour, Hela Salah, Iteb Benlimem, Asma Omrane, Imen Gargouri, Sana Aissa, Ahmed Abdelghani

PA1607 **Tobacco smoking patterns in Abu Dhabi: A comprehensive analysis of trends before and after the onset of the COVID-19 pandemic.**
Mohammed Al-Houqani (Al-Ain, United Arab Emirates), Zufishan Alam, Iffat Elbarazi, Budoor Al Shehhi, Maha Alsafi, Mariam Al Wahedi3, Ilfat Maarouf, Aamir Hassan

PA1608 **Knowledge and perception of E-cigarette risks among university-educated Tunisians**
Mayssa Chariag (Tunis, Tunisia), Soumaya Ben Saad, Amani Ben Mansour, hanine zid, Sirine Khemiri, Hafaoua Daghfous, Fatma Tritar

PA1609 **The Effect of Kahramanmaras Earthquake on Smoking Behaviour of Healthcare Workers**
Hande Yuce Ozdemir (Ankara, Turkey), Hayri Can Ozden, Kadir Burak Akgun, Serif Kurtulus

PA1610 **The role of the National Tuberculosis Programme of Ukraine in tobacco control**
Yana Terleieva (Kyiv, Ukraine), Oksana Ushakova, Olga Gvozdetska, Arianna Kravchuk, Oksana Rossovska, Olga Sakalska, Olesia Medvedieva, Alla Pyrog, Natalia Klymenko, Tetiana Synenko, Liubomyr Muliarchuk, Liudmyla Prylepina, Yurii Varchenko

PS-22 Session 136 12:30 - 14:00

Poster session: Emerging insights in cystic fibrosis: diagnostics, microbiology and global perspectives

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Cell and molecular biology | Epidemiology | Imaging | Endoscopy and interventional pulmonology | Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Palliative care | Physiology

Chairs : Dorota Sands (Warszawa, Poland), Chair to be confirmed

PA1611 **Investigating imaging markers in cystic fibrosis preschoolers using manual and automated algorithms**
Pranali Raut (Rotterdam, Netherlands), Merlijn Bonte, Badies Manai, Punit Makani, Pier Ciet, Daan Caudri, Hettie M. Janssens

PA1612 **Expanding a Bronchoscopic Scoring Tool to Children with Cystic Fibrosis: Inter-Rater Reliability of Novel Features**
Srdjan Janni Micic (Zurich, Switzerland), Alexandra Bosetti, Andreas Hector, Christian Bieli, Elias Seidl, Alexander Moeller

PA1613 **Heart rate variability from pulse oximetry during cystic fibrosis exacerbations**
David Wertheim (Kingston-upon-Thames, United Kingdom), Claire L Edmondson, Jane C Davies, Paul Seddon

PA1614	**A prospective design to correlate viruses to pulmonary exacerbations in young children with cystic fibrosis.** Nathalie Jouret, Joke Bastiaenssen, Eline Cauwenberghs, Francisco Iván Serrano-Cano, Peter Delputte, Stijn Verhulst, Sarah Lebeer, Ilke De Boeck, Irina Spacova, Kim Van Hoorenbeeck
PA1615	**Microbial Diversity in Respiratory Tracts of Children with Cystic Fibrosis** RICHA RAO (Chandigarh, India), Joseph Mathew, Prateek Bhatia
PA1616	**Allergic bronchopulmonary aspergillosis in cystic fibrosis: diagnostic challenges** Alexandru Corlateanu (Chisinau, Republic of Moldova), Dorina Efros, Nelea Buga, Rodica Selevestru, Ludmila Rusu, Cristina Tomacinschii, Svetlana Sciuca
PA1617	**The microbiological profile of pulmonary infections in cystic fibrosis patients in a country without modulator therapy: an alarming reality** Cristina Tomacinschii (Chisinau, Republic of Moldova), Ludmila Rusu, Dorina Efros, Nelea Buga, Rodica Selvestru, Svetlana Sciuca
PA1618	**The burden of advanced lung disease in cystic fibrosis patients in a country without neonatal screening** Cristina Tomacinschii (Chisinau, Republic of Moldova), Dorina Efros, Ludmila Rusu, Rodica Selevestru, Nelea Buga, Svetlana Sciuca
PA1619	**Effectiveness of the hippotherapy simulator in children and adolescents with cystic fibrosis** Betul Cinar (Bezmialem Vakıf Üniversitesi, Turkey), Rengin Demir, Melih Zeren, Erkan Cakir, H. Nilgun Gurses
PA1620	**Clinical characteristics of cystic fibrosis patients presenting with hemoptysis** Beste Özsezen (Ankara, Turkey), Nevin Uzuner
PA1621	**Evaluation of Vaccination Status in Children with Cystic Fibrosis** Tuğba Şişmanlar Eyuboglu (Ankara, Turkey), Ali Bugra Cetinkaya, Bahar Cuhacı Cakır
PA1622	**Pulmonary outcomes of probiotic use in pediatric patients with cystic fibrosis: a systematic review and meta-analysis** Maria João Lúcio (linda a velha, Portugal), Maria Luiza Pereira, Higor Bellettini
PA1623	**Reports of cystic fibrosis in Vietnam and its prevalence in Southeast Asia** Pham Ha Giang Cao (HCMC, Vietnam), Le Tran Quoc Khanh, Nguyen Ho Lam, Le Thi Thanh Thao, Nguyen Hoang Phong, Samya Nasr
PA1624	**Genetic insight for Egyptian children with cystic fibrosis** Mai Abdel Aziz Elsheikh (Giza, Egypt), Asmaa Alsharkawy, Heba Omara, Malak Shaheen, Magda Alseify, Samia Nasr
PA1625	**Comparison of newborn screening and modulatory treatment responses in siblings with cystic fibrosis** GAMZEGÜL GÖZEN BAYRAMOĞLU (ANKARA, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan, Handan Kekec, Ebru Yalcın, Meltem Yıldız Kayaoglu, Umay Kavgacı, Velat Sen, Berrak Öztosun, Cigdem Korkmaz, Ayse Ayzıt Kılınc, Suat Savas, Hanife Tugce Caglar, Azra Yusa Baykan, Oguz Karcıoglu, Yakup Canıtez, Merve Ozturk, Gokcen Kartal Ozturk, Ece Halis, Cansu Altındas, Doruk Gul, Sibel Dogru, Mehmet Kose, Ali Ersoy, Isıl Bilgic, Ali Ozdemir, Demet Polat Yulug, Melih Hangul, Erdi Cagrı Dagdelen, Hulya Anıl, Beste Ozsezen, Tugba Ramaslı Gursoy, Esin Gizem Olgun, Pelin Asfuroglu, Zeynep Gokce Gayretli Aydın, Huseyin Arslan, Sevgi Pekcan, Erkan Cakır, Guzin Cinel, Nagehan Emiralioglu, Ugur Ozcelik, Deniz Dogru Ersoz
PA1626	**Evaluation of Children Diagnosed with Cystic Fibrosis-related Diseases at a Cystic Fibrosis Center** TUĞÇE ÜNLÜ (Ankara, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan
PA1627	**Sleep-disordered breathing in people with cystic fibrosis** CEREN AYÇA YILDIZ (İstanbul, Turkey), Merve Özince, Merve Selçuk Balci, Şeyda Karabulur, Müge Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Meltem Sabanci, Almala Pinar Ergenekon, Yasemin Gökdemir, Bülent Karadağ, Ela Erdem Eralp
PA1628	**Late Breaking Abstract - The impact of TGFβ1 levels on pulmonary disease progression in Cystic Fibrosis patients** Berfin Ayla Hastürk Şen (İstanbul, Turkey), Aysel Kılıç, Ayşe Ayzıt Kılınç Sakallı
PA1629	**Late Breaking Abstract - Clinical and microbiological impacts of long-term modulator therapy in cystic fibrosis: a registry-based analysis** Briley Hillyard (Halifax, Canada), Natalie Liza Barte, Isaac Martin, Anjali Bhagirath

PS-23 Session 137 12:30 - 14:00

Poster session: Sleep, sleep-disordered breathing and chronic respiratory insufficiency in children I

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Physiology Pulmonary function testing General respiratory patient care Epidemiology Pulmonary rehabilitation Public health

Chairs : Stijn Verhulst (Antwerpen, Belgium), Hui Leng Tan (London, United Kingdom)

PA1630	**Sleep patterns and excessive daytime sleepiness among First Nations children** Chandima Karunanayake (Saskatoon, Canada), Charlene Thompson, Meera Kachroo, Donna Rennie, Warren Seesequasis, Jeremy Seeseequasis, James Dosman, Mark Fenton, Vivian Ramsden, Malcolm King, Sylvia Abonyi, Shelley Kirychuk, Niels Koehncke, Punam Pahwa
PA1631	**Pediatric Sleep Hygiene Consultation: a review.** Ana Ferreira (Vila Real, Portugal), Victória Silva, Artur Vale
PA1632	**Children's awareness on sleep hygiene and practices : A wake- up call** Nik Nurul Najihah Mdzlan (Kuala Nerus, Malaysia), Nurhidayah Zulkifli, Hana Maisarah Wan Jusoh, Hanis Amalina Ismail, Raihanah Mohd Zaki, Nurul Maisarah Norida, Hafizah Zainuddin
PA1633	**Exploring comorbid insomnia in children with obstructive sleep apnea (COMISA)** Laurianne Coutier (Bron, France), Lisa Brunel, Marion Comajuan, Benjamin Putois, Julien Lioret, Marine Thieux, Patricia Franco, Aurore Guyon
PA1634	**Relationship Between Obstructive Sleep Apnea in Children, Tonsillar Hypertrophy, and Mallampati Classification** María Aguado Agudo (Zaragoza, Spain), Alejandra Roncero Lázaro, Marta Cristeto Porras, Paula Vicente Hernando, Jorge Lázaro Galan, María Torres Muga, Mariola Breton Ruiz, Amaia Perez De Nanclares Saez, María Dolores Ramírez Martínez, Guillermo Samuel Loscertales Vacas, Denahi Alejandra Portillo Caldera, María Fernando Moreno, Carlos Ruiz Martínez
PA1635	**Prevalence and determinants of emotional and behavioral problems in children with sleep disordered breathing** Ikram Nurhussen Taha (Addis Ababa, Ethiopia), Rahel Argaw Kebede
PA1636	**Lung function and sleep problems among children and adolescents: The Nepal Family Cohort Study (NeFCoS)** Suman Pant (Coventry, United Kingdom), Harpal Randeva, Ioannis Kyrou, Ashesh Dhungana, Nagendra Chaudhary, Prashil Raj Dali, Paramjit Gill, Om Prakash Kurmi
PA1637	**Predicting night to night variability (NTNV) in obstructive sleep apnea (OSA) screening in trisomy 21 (T21)** Alison Garde (Winchester, United Kingdom), Jonathan Ong, Jonathan James, Cathy Hill, Hazel Evans
PA1638	**Mean desaturation nadir values in children with sleep disordered breathing** Michael Yanney (Southwell, United Kingdom), Omemine Kokoricha, Nicola Rowbotham, Andrew Prayle
PA1639	**Association of nocturnal intermittent hypoxemia and pulse rate in infants without or with upper airway obstruction** Athanasios G. Kaditis (Athens, Greece), Anastasios-Panagiotis Chantzaras, Maria Eleni Liagkaki, Angeliki Moudaki, Georgia Koltsida, Christina Kanaka-Gantenbein
PA1640	**Respiratory infections in children with cerebral palsy on long-term nocturnal CPAP.** Dhandayuthapani Rajkumar (Prenton, United Kingdom), Catherine Mcdougall, Florian Gahleitner, Steve Cunningham, Mark Gaston, Helen Sheridan, Don Urquhart
PA1641	**Secretion management devices reduce hospitalizations for respiratory exacerbations in children with neurodisability** Jessica Taytard (Paris Cedex 12, France), Jerôme Pradon, Audrey Barzic, Marc Lubrano Lavadera, Géraldine Labouret, Emmanuelle Fleurence, Coline Canavesio, Sonia Khirani, Guillaume Aubertin, Sophie Denamur
PA1642	**Long-term ventilatory support for children aged 0-2 years: Ten-year experience of the Tertiary Centre in Prague, Czech Republic** Vojtěch Novotný (Prague, Czech Republic), Žofia Varényiová, Eva Fürstová, Václav Koucký, Tereza Doušová
PA1643	**Failure of long term ventilatory support in children: definition via Delphi method, proportion and causes** Catherine Chen (Bron, France), Florent Baudin, Isabelle Pin, Guillaume Aubertin, Melisande Baravalle, Anna Beratto, Anthony Bertrand, Priscille Bierme, Plamen Bokov, Fréderic Candia, Pierrick Cros, Florence Denuzière, Benjamin Dudoignon, Brigitte Fauroux, Emmanuelle Fleurence, François Galode, Lucie Griffon, Iulia Ioan, Sonia Khirani, Géraldine Labouret, Sophie L'Excellent, Bruno Massenavette, Julie Mazenq, Delphine Micaelli, Johan Moreau, Robin Pouyau, Estelle Raminelli, Cyril Schweitzer, Andre Stagnara, Jessica Taytard, Sylvain Urien, Julie Haesebaert, Guillaume Mortamet, Eglantine Hullo, Laurianne Coutier
PA1644	**Late Breaking Abstract - Obstructive sleep apnoea in Bardet-Biedl syndrome** Theodora Dyakova (London, United Kingdom), Hui-Leng Tan, Atul Gupta, Philip Beales, Katharine Harman, Elizabeth Forsythe
PA1645	**Late Breaking Abstract - Prevalence of gastroesophageal and laryngopharyngeal reflux in children with neuromuscular disorders and chronic respiratory involvement** Miroslav Repko (Bratislava, Slovakia), Yuliya Yarysh, Bálint Czíferi, Iveta Neuschlova, Zuzana Rennerová

PA1646 **Late Breaking Abstract - Mechanical In-Exsufflation in pediatric chronic care: retrospective observational study at Meyer Children's Hospital IRCCS, 2010–2024**
Beatrice Ferrari (Firenze (FI), Italy), Eleonora Masi, Chiara Castellani, Diletta Innocenti, Matteo Masolini, Giovanni Gamberi, Enrico Lombardi

PA1647 **Late Breaking Abstract - Awareness of Dutch pediatric specialists on the impact of air quality on respiratory childhood health**
Berber Kapitein (Amsterdam, Netherlands), Hanaâ Benjeddi, Susanne Vijverberg

PA1648 **Late Breaking Abstract - Wildfire PM2.5 exposure in early gestation affects lung function in offspring of mothers with asthma.**
Adam Collison (Callaghan, Australia), Gabriela Martins Costa Gomes, Vanessa Murphy, Bronwyn Brew, Paul Robinson, Geoffrey Morgan, Karthik Gopi, Peter Gibson, Wilfried Karmaus, Joerg Mattes

PS-24 Session 138 12:30 - 14:00

Poster session: Physiology and physiotherapy practice in paediatric respiratory disease

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Pulmonary rehabilitation Physiology Pulmonary function testing Public health Transplantation Imaging

Chairs : Riccardo Guarise (Verona, Italy), Chair to be confirmed

PA1649 **Factors influencing upper airway clearance in infant nasal irrigation: an exploratory study using a 3D-printed model.**
Pierre Cnockaert (Brussels, Belgium), Emma Trehoux, Jeremy Patarin, Lydia Esteban, Nicolas Audag, William Poncin

PA1650 **Comparison of diaphragmatic mobility between prone and supine positions in preterm newborns: a pilot study**
Harrison Euller (Olinda, Brazil), Armele Dornelas De Andrade, Daiara Xavier, Iasmim Gusmao, Tais Silva, Marilia Mesquita, Mariana Pifano, Mariana Pifano, Thaynã Moura, Barbara Bernardo, Deivd Siqueira, Roberta Torres, Diego Dantas, Maria Das Graças Rodrigues De Araújo, Daniella Cunha Brandão, Helga Muniz De Souza, Cyda Reinaux

PA1651 **Analysis of heart rate variability and cardiorespiratory fitness in healthy and mild-controlled asthma adolescents**
Marta Amor-Barbosa (Barcelona, Spain), Monique Messaggi Sartor, Fernanda Salazar Pérez, Aida Cadellans Arróniz, David Blanco, Ana Mora Cabañero, Mariana Severo Da Costa, Robert Cilveti Portillo, Lilian Herrera Velasco, Márcio Vinícius Fagundes Donadio

PA1652 **The effect of an inspiratory muscle training program on functionality in adolescents and young adults with cerebral palsy.**
Afroditi Evangelodimou (Peristeri - Athens, Greece), Irini Grammatopoulou, Kostas Karteroliotis, Andreas Daskalakis, Emmanouil Skordilis

PA1653 **Paediatric reference equations for maximal sniff inspiratory pressure: a multicentre study**
Ana Lista Paz (A Coruña, Spain), Margarita Barral-Fernández, María Amalia Jácome-Pumar, Luz González-Doniz, Sonia Souto-Camba, Ane Arbillaga-Etxarri, María Antonia Ramón-Belmonte, Daniel Langer, Marta Amor-Barbosa, Guillermo Mazzucco, Pilar Bravo Cortés, Tamara Del Corral-, Rocío Martín-Valero, Carlos Llorca Cerdà, Fabiola Murcia Lillo, José Antonio Sanchez-Santos, Marina Francín-Gallego, Concepción Martín Cortijo, Esther García Delgado, Cristina Serrano Veguillas, Ana B Varas De La Fuente, Paula San José Herranz, Carolina González Montañez, Guilherme A F Fregonez, Rodrigo Torres-Castro, Mireia Pardàs Peraferrer, Jordi Vilaró Casamitjana, Ángeles Fernandez-Cadenas, Antonio T Ríos-Cortés, María José Moreno Varela, Elena Guimeno-Santos

PA1654 **Primary Parameter Affecting Respiratory Muscle Strength in Adolescent Idiopathic Scoliosis: Neuromuscular Activity**
Fuat Gökdemir (İstanbul, Turkey), Ayse Sena Manzak Dursun, Sefa Yildirim, Nalan Capan, Resa Aydin, Akin Baskent

PA1655 **Combined effect of pulmonary rehabilitation and trunk control trainig in children with spinal muscular atrophy**
Görkem Ata (Istanbul, Turkey), Emre Dansuk, Ayşe Nur Tunali Van Den Berg, Seval Kutlutürk Yikilmaz, Sedat Öktem

PA1656 **The impact of pulmonary care on quality of life in individuals with spinal muscular atrophy receiving nusinersen treatment**
Görkem Ata (Istanbul, Turkey), Emre Dansuk, Ayşe Nur Tunali Van Den Berg, Seval Kutlutürk Yikilmaz, Sedat Öktem

PA1657 **Predictors of hospital admission in children with acute exacerbated asthma treated in the emergency room**
Rafaella Xavier (São Paulo (SP), Brazil), Bruna Silva, Mariana Brityo, Alayne Yamada, Vilma Soares, Mariana Reimberg, Sandy Ferreira, Victorio Melo, Luana Lima, Joyce Liberali, Renata Barbosa

PA1658 **Integration of a serious video game to positive expiratory pressure respiratory physiotherapy in pediatric patients with cystic fibrosis: a prospective study**
Olivia Victoria CERUTTI-MONTEVENTI (Plan-les-Ouates, Switzerland), Silas Hardy, Fabio Balli, Tiberius Brastaviceanu, Yannick Gervais, Alexandre Larocque, Sarah Wilhelmy, The Thanh-Diem Nguyen, Sze Man Tse

PA1659	**Investigation of chest wall mobility and its relationship with respiratory and functional parameters in children with Duchenne Muscular Dystrophy** Ilknur Naz (Izmir, Turkey), Büşra Turgut, Yigithan Güzîn
PA1660	**Effects of inspiratory muscle training on pulmonary function, respiratory muscle strength, and functional capacity in pediatric cancer patients** Onur Köksal (İstanbul, Turkey), Semiramis Özyılmaz, Hikmet Uçgun, Atilla Tanyeli
PA1661	**Peripheral and Respiratory Muscle Changes in Infants and Children Before and After Liver Transplantation: A Pilot Study** Martins Maria Fernanda (, Brazil), Maira Cecília Simões, Gabriele Kosiak, Jaiane Vidale, Evelim Gomes
PA1662	**Relationship between Respiratory Muscle Strength and Functional Performance in Early Stage Duchenne Muscular Dystrophy** Hüseyin Turgut (İzmir, Turkey), Busra Turgut, Yigithan Guzin, Ilknur Naz
PA1663	**Effects of Functional Inspiratory Muscle Training Applied with Tele-Rehabilitation on Respiratory and Functional Parameters and Quality of Life in Children with Duchenne Muscular Dystrophy: A Randomized Controlled Trial** Büsra Turgut (Izmir, Turkey), Yigithan Güzîn, Iilknur Naz
PA1664	**Examination of Factors Associated with Sleep Quality in Children with DMD** Hüseyin Turgut (İzmir, Turkey), Büsra Turgut, Yigithan Güzîn, Figen Baydan, Ilknur Naz
PA1665	**Immediate Autonomic Response to High-Intensity Interval Exercise in Asthmatic Children** Melissa Köprülüoglu (Izmir, Turkey), Ilknur Naz, Özge Yilmaz, Hasan Yuksel
PA1666	**PHYSICAL CAPACITY, LUNG FUNCTION, AND BODY COMPOSITION IN OBESE CHILDREN COMPARED TO CHILDREN WITH ASTHMA: A CROSS-SECTIONAL STUDY** Jaiane Vidali (São Paulo (SP), Brazil), Maria Fernanda Martins, Maira Cecília Simões, Etiene Farah, Tamires Gomes, Yrani Pinto, Evelim Gomes
PA1667	**RESPIRATORY ALTERATIONS IN CHILDREN AND ADOLESCENTS WITH CEREBRAL PALSY GMFCS IV-V** Bruna Varga (São Paulo (SP), Brazil), Fernanda Leal, Etiene Farah, Evelim Gomes

PS-25 Session 139 12:30 - 14:00

Poster session: Respiratory care: a psychological and behavioural focus

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Public health Pulmonary rehabilitation Palliative care Physiology Epidemiology Pulmonary function testing

Chairs : Eleonora Volpato (Milano (MI), Italy), Markus Hayden (Bad Reichenhall, Germany)

PA1668	**Effects and neural mechanisms of menthol inhalation on resistive load-induced dyspnea** Samantha Piers (Leuven, Belgium), Lucas Vanden Bossche, Valentina Jelinčić, Kristin Verbeke, Wim Janssens, Stephanie Everaerts, Thierry Troosters, Daniel Langer, Andreas Von Leupoldt
PA1669	**Determining death anxiety, cyberchondria and affecting factors in COPD** Ayşegül Tomruk Erdem (Zonguldak, Turkey), Zeynep Erdoğan
PA1670	**Vulnerability: An ethnographic study of people living with chronic obstructive pulmonary disease in a community context** Kirsti J. Loughran (Middlesbrough, United Kingdom), Samantha L. Harrison*, Caroline Fernandes-James, Joanne Symm, Andrew Fisher, Sophie Suri, Alice Franklin, Eileen Kaner, Denis Martin, Jamie Mcphee, Tim Rapley
PA1671	**Personality, lifestyle, and sleep quality: analysis of the psychological and behavioral determinants of CPAP adherence in sleep apne.** Francesca Simioli (Napoli (NA), Italy), Raffaella Manzo, Anna Annunziata, Giorgio Polistina, Pasquale Imitazione, Giovanni Cioffi, Paolina Lumino, Andrea Barone, Mariapia Palladino, Giuseppe Fiorentino
PA1672	**Dry powder inhaler resistance: understanding patient preference and confidence using the In-Check DIAL** Monbi Stefanova Chakma (London, United Kingdom), Sally Meah, Martyn Biddiscombe, Liangfeng Han, Bryan Newman, Darragh Murnane, Omar Usmani
PA1673	**Cognitive and emotional factors relation to treatment adherence in asthmatic patients in upper Egypt** Nermen Abuelkassem (assiut, Egypt), Entsar Hsanen, Nourelhoda Haridy
PA1674	**Preferences for collaboration styles in treatment decision-making among patients with severe asthma** Maria Achterbosch (Groningen, Netherlands), Hinke Van Der Werf, Laura Mortelmans, Tinne Dilles, Boudewijn Dierick, Liset Van Dijk, Job Van Boven

PA1675	**Telemonitoring in COPD: a qualitative study of patients´ needs and requirements** Ingeborg Farver-Vestergaard (Vejle, Denmark), Gitte Smorawski, Barbara Fersch, Bodil Bjørnshave Noe, Maja Christoffersen, Anne Krintel, Anders Løkke
PA1676	**E-health psychological and physiotherapy interventions in a Patient Support Programme (PSP) in Alpha-1 Antitrypsin Deficiency (AATD)** SILVINA CANCIO (madrid, Spain), Elisabet Ferrer, David Gomez, Alicia Alameda, Raquel Serrano, Beatriz Simon, Hernan Cancio
PA1677	**Psychological Interventions in Pulmonary Rehabilitation for Chronic Respiratory Diseases (CRDs) in low- and middle-income countries (LMICs): A Systematic Review** Diksha Singh (Edinburgh, United Kingdom), Paul Jebaraj, Soo Chin Chan, Ruth Mc Quillan, Kirstie Mc Clatchey, Dhiraj Agarwal, Hilary Pinnock
PA1678	**A framework method analysis of healthcare professional & patient views of non-pharmacological inducible laryngeal obstruction interventions** Jemma Haines (Wilmslow (Cheshire), United Kingdom), Jennifer Butler, Jaclyn A Smith, Stephen J Fowler, Janelle Yorke
PA1679	**Involvement of speech pathology in the management of functional breathing and upper airway disorders reduces healthcare utilisation** Danielle Stone (Pymble, Australia), David Chapman, Greg King, Louise Hansell
PA1680	**Comparison of the Role of Community Pharmacists and Pharmacy Technicians in the Management of Asthmatic Patients** Olfa Ben Moussa (Tunis, Tunisia), Hela Kamoun, Hadhemi Rejeb, Sirine Arfa, Dorra Greb, Ines Akrout, Hanene Smadhi, Leila Fekih
PA1681	**Is facilitation a helpful change strategy to improve implementation of supported self-management of asthma in primary care?** Liz Steed (London, United Kingdom), Viv Marsh, Catherine Mccleod, Barbara Searle, Kirstie Mcclatchey, Victoria Hammersley, Jessica Sheringham, Stephanie Taylor, Hilary Pinnock
PA1682	**Emotional responses to COVID-19: Gender Differences in post-traumatic stress, anxiety, depression and relaxation responses.** Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Mayra Gisselle Ruiz Perial, Arlen Daniela Pérez García, Vanessa Michelle Dávalos Torres, Arturo Orea Tejeda, Karel Nataly Suárez Tovar
PA1683	**Protective and risk factors for psychiatric repercussion on covid hospital workers in times of pandemic.** Sabrina Benissad (Oran, Algeria), Arslan Bettayeb, Aissa Ouardi, Yasmine Chaouche
PA1684	**Exploring the aftermath: a review of the mental health (MH) of respiratory high care unit (RHCU) staff post COVID-19** Eleanor Hartree (Evesham, United Kingdom), Harvey Penfold, Abhimanyu Lal, See Ling Tan
PA1685	**Late Breaking Abstract - Co-designing psychosocial care intervention for people with chronic respiratory diseases (CRDs) within Pulmonary Rehabilitation (PR) in rural India: a stakeholder engagement workshop** Diksha Singh (Edinburgh, United Kingdom), Dhiraj Agarwal, Ruth Mc Quillan, Kirstie Mc Clatchey, Hilary Pinnock
PA1686	**Late Breaking Abstract - Motivation – an extra barrier to exercise behavior in COPD: a cluster analysis** Manuela Karloh (Florianopolis (SC), Brazil), Fernanda Basso, Debora Kawakami, Aline Gulart, Gustavo Araújo, Tiago Araujo, Maria Colucci, Livia Zopelari, Jéssica Gutierrez, Thiago Matias, Anamaria Mayer, Renata Mendes, Valeria Di Lorenzo
PA1687	**Late Breaking Abstract - Feasibility of a dyadic shared decision-making intervention for early adolescents with uncontrolled asthma** Maureen George (New York, United States), Rhea Khurana, Franco A. Barsanti, Acklema Mohammad, Gabriel A. Zeinoun, Meyer Kattan, Jean-Marie Bruzzese

PS-26 Session 140 12:30 - 14:00

Poster session: Clinical impact and immunisation strategies in viral respiratory infections

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Public health Cell and molecular biology General respiratory patient care

Chairs : Saqib Baig (Titusville, United States), Chair to be confirmed

PA1688	**Influenza, Pneumococcal, COVID-19 Vaccine Coverage and Hesitancy in Chinese Older Adults from September 2022 to November 2022: A Nationwide Cross-sectional Study** Dong Liu (Beijing, China), Yushi Zhang, Jieping Lei, Yaodie Peng, Ke Huang, Yaoda Hu, Liwen Fang, Luzhao Feng, Guangliang Shan, Min Wang, Yuanyuan Ding, Ting Yang, Qian Gao
PA1689	**Respiratory Syncytial Virus (RSV) related adult-at-risk population for hospitalisation in the era of new vaccines** Tanvi Sinha (Wolverhampton, United Kingdom), Induni Ginige, Koottalai Srinivasan, Harmesh Moudgil
PA1690	**Understanding parental hesitancy about childhood flu vaccination: a qualitative study applying the Necessity Concerns Framework** Vivian Auyeung (London, United Kingdom), Zoe Moon, Chloe Grimmett, Rob Horne
PA1691	**Vaccination recommendations in adults with chronic respiratory diseases** Susanne Huijts, Sajad Emamipour, Bart Slob, Rutger Haandrikman, Joris Ten Holder, Huib Kerstjens, Simon Van Der Pol
PA1692	**Epidemiology, clinical course and complications of RSV infection in older adults in the outpatient sector in Germany** Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Frank Eberhardt, Laura Grebe, Rachel Reeves, Pavo Marijic, Manuela Stierl, Alen Marijam, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde
PA1693	**Mortality for COPD patients after influenza A and RSV infection: a territory-wide retrospective analysis** Ka Pang Chan (Hong Kong, Hong Kong), Timothy Chi Chun Ng, Grace Lai Hung Wong, Stephanie Wing Tone Ho, Charlotte Ho Ying Lau, Christopher Chan, Joyce Ka Ching Ng, Rachel Lai Ping Lo, Wing Ho Yip, Jenny Chun Li Ngai, Kin Wang To, Fanny Wai San Ko, Terry Cheuk Fung Yip, David Shu Cheong Hui
PA1694	**All-cause mortality associated with respiratory syncytial virus (RSV) infection compared to influenza infection in adults: Is infection with RSV riskier than influenza?** Harriet Dickinson (Uxbridge, United Kingdom), Paul Mcdwyer, Wenyi Wang, Rikisha Gupta, Anand Chokkalingam
PA1695	**Primary care RSV disease characteristics in infants and young children in Germany, data from the prospective PAPI surveillance network, 2021-2023** Martin Wetzke (Hannover, Germany), Clemens Behrens, Thomas Buck, Andrea Gerber, Martin Rosewich, Jan-Helge Höpner, Christine Happle, Alexaner Kiefer
PA1696	**Characteristics of patients hospitalized with respiratory syncytial virus (RSV) in a Swiss public teaching hospital** Neetha Joseph (, Switzerland), Elisa Bally-Von Passavant, Giorgia Lüthi-Corridori, Fabienne Jaun, Sandra Mitrovic, Jörg D. Leuppi, Maria Boesing
PA1697	**Clinical course and disease burden of RSV-infected hospitalized adults in Germany** Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Frank Eberhardt, Natalia Strauch, Rachel Reeves, Pavo Marijic, Manuela Stierl, Elisa Turriani, Alen Marijam, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde
PA1698	**Burden of Respiratory Syncytial Virus (RSV) across age groups in Switzerland: Data from the Federal Statistical Office** Maria Boesing (Liestal, Switzerland), Elisa Bally-Von Passavant, Neetha Joseph, Giorgia Lüthi-Corridori, Fabienne Jaun, Jörg D. Leuppi
PA1699	**RSV infection outcomes in high-risk patients: A two year retrospective study** Georgios-Ioannis Poupouzas (Athens, Greece), Nikolaos Athanasiou, Theoxaris Georgiadis, Elena Kraniotaki, Kiriaki Ranellou, Athina Argiropoulou, Zoi Psaroudaki, Athina Kallimani, Andriana Zouridaki, Stamatios Tsipilis, Georgia Athanasopoulou, Ioanna Sigala, Andreas Asimakos, Ioanna Dimopoulou, Paraskevi Katsaounou
PA1700	**Hospitalizations for viral lower respiratory tract disease (LRTD) in France: national study on an epidemic season based on PMSI data (BIRD-IC study)** Delphine Leynaud (Courbevoie, France), Nicolas De Prost, Yvanie Caillée, Marie Lachâtre, Slim Fourati, Ophélie Rouxel, Caroline Fabry-Vendrand, Nicolas Capit, Laureen Majed, Cécile Artaud, Clélia Bignon-Favary, Sophie Larrieu, Claire Marant-Micallef, Liem Binh Luong Nguyen
PA1701	**A systematic literature review of rhinovirus infection in adults with asthma** Isabelle Boucot (Marly-le-Roi, France), Courtney Maierhofer, Shirin Aliabadi, Alberto Papi, William Busse, Tom Wilkinson, Anuja Pandey, Catherine Rolland, Claire Feeney, Angie Gress, Agne Zarankaite, Jadwiga Wedzicha
PA1702	**Predictors for detection of respiratory viruses in adults hospitalised with acute respiratory infection (ARI)** Tommaso Morelli (Southampton, United Kingdom), Martha Purcell, Ahmed Mohammed, Anna Freeman, Tom Wilkinson
PA1703	**Study on factors associated with prolonged viral shedding among inpatients with influenza A treated with oseltamivir** Yajuan Chen (Chongqing (Chongqing), China), Yuchen Fan
PA1704	**An evaluation of COPD and asthma-indicated medical visits after Respiratory Syncytial Virus infection** Harriet Dickinson (Uxbridge, United Kingdom), Paul Mcdwyer, Wenyi Wang, Rikisha Gupta, Anand Chokkalingam

PA1705 **Effects of baloxavir marboxil plus neuraminidase inhibitor versus neuraminidase inhibitor in high-risk patients hospitalized with severe influenza: a post hoc analysis of the Flagstone trial**
Yeming Wang (Beijing, China), Mengwei Yan, Xiaoying Gu, Bin Cao

PA1706 **Late Breaking Abstract - Real-world effectiveness of 20-valent pneumococcal conjugate vaccine among older adults in the United States**
Amanda C Miles (New York, United States), Jelena Vojicic, Lindsay R Grant, Summer Rosenstock, Huihua Li, Jeffrey T Vietri, Alison E Randall, Xin Zhao, Wencheng Zhu, Bobby Zhao, Anan Zhou, Christian Theilacker, Jennifer C Moisi, Luis Jodar, Paul Balmer, Alejandro Cane, Paula Peyrani

PA1707 **Viral etiologies of respiratory infections in the post-COVID-19 pandemic era**
Ali ZEROUKI (Algiers, Algeria), Nadjet Aggoune, Anya Amrane, Samar Akbi, Doria Bensersa, Noumeira Benarfa, Hamza Sebahi

PS-27 Session 141 12:30 - 14:00

Poster session: COVID-19: clinical outcomes and recovery

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Physiology Pulmonary rehabilitation Cell and molecular biology Imaging Public health Pulmonary function testing General respiratory patient care Respiratory intensive care

Chairs : Rachael A. Evans (Leicester (Leicestershire), United Kingdom), Anna Freeman (Southampton, United Kingdom)

PA1708 **Characterizing long COVID symptoms patterns by age: a US prospective study**
Manuela Di Fusco (New York, United States), Laura Lupton, Joseph C. Cappelleri, Alon Yehoshua, Mary M. Moran, Laura Puzniak, Santiago M.C. Lopez, Xiaowu Sun

PA1709 **Long COVID and fatigue**
Benedita Teixeira Custódio Gonçalves Ferreira (Albufeira, Portugal), Gonçalo Fernandes, Ana Rita Ribeiro, Catarina Sampaio, Inês Ribeiro, Cátia Saraiva, Helena Chaves Ramos, Sofia Barroso, Djamila Neves, Cláudia Guerreiro, Maria José Guimarães, Bebiana Conde, Jorge Ferreira, Marta Drummond, Lígia Pires

PA1710 **Effects of creatine supplementation on fatigue in long COVID: a randomized controlled trial**
Robson Prudente (Botucatu (SP), Brazil), Maercio Santos, Mariana Dorna, Adriele Costa, Carolina Breda, Caroline Marin, Estefânia Franco, Fernanda Suetake, Isabela Bassani, Jéssica Geronutti, Luís Fernando Brizola, Letícia Antunes, Paula Azevedo, Sérgio De Paiva, Yasmin Barros, Suzana Tanni

PA1711 **Assessement of DLCO impairment and respiratory muscle weakness in post-COVID patients**
Christopher Milacek (Wien, 05. Bezirk, Margareten, Austria), Yasmin Merza, Ivan Fedak, Maximilian Gysan, Andreas Renner, Stefan Simon, Marco Idzko, Karin Vonbank

PA1712 **Feasibility of a digital combined lifestyle intervention for patients with post COVID-19 condition**
Debbie Gach (Sittard, Netherlands), Charlotte Born, Lisanne Schuurman, Frits Van Osch, Joop Van Den Bergh, Sanne Gerards, Rik Crutzen, Annemie Schols, Rosanne Beijers

PA1713 **Long-term evolution of dyspnea and quality of life in patients with severe SARS-CoV-2 pneumonia: A 48-month follow-up study.**
Ahmad Hamod Tammawi (Girona, Spain), Gladis Sabater Talaverano, Erick Roberto Linares Paz, Oscar Martin Clopes, Marc Bonnin Vilaplana, Ramon Orriols Martinez, Saioa Eizaguirre Anton

PA1714 **Longer term post-hospital morbidity and mortality following admission with COVID-19: a systematic review and meta-analysis.**
Joseph Newman (Cambridge, United Kingdom), Luke Flower, Rowena Jones, Veronica Phillips, Dominique-Laurent Couturier, Martin Law, Mark Toshner, Charlotte Summers

PA1715 **What's up 3 and 6 months after hospitalization for COVID-19 pneumonia**
Sabrine Majdoub Fehri (Nabeul, Tunisia), Wafa Madi, Rahma Kallel, Hamida Kwas

PA1716 **Factors associated with outcomes in COVID-19 patients: a cohort study**
Thiti Sricharoenchai (Bangkok, Thailand), Nisakorn Charoensuk

PA1717 **Fibrotic patterns on chest CT following severe SARS-CoV-2 infection are associated with alterations in airway and gut microbiota composition**
Sabine Stadler (Fribourg, Switzerland), Chiara Pozzessere, David Rotzinger, Luca Stickley, Eric Bernasconi, Seher Guney, Louis Mercier, Julie Pernot, Berra Erkosar, Alexandra Lenoir, Maura Prella, Catherine Beigelman-Aubry, Lise Piquilloud, Manuela Funke-Chambour, Niki Ubags, Christophe Von Garnier

PA1718 **Microbiome as a predictor of long-term pulmonary outcomes in severe SARS-CoV-2 survivors**
Luca Stickley (Lausanne, Switzerland), Sabine Stadler, Eric Bernasconi, Seher Guney, Louis Mercier, Julie Pernot, Berra Erkosar, Alexandra Lenoir, Maura Prella, Lise Piquilloud, Manuela Funke-Chambour, Christophe Von Garnier, Niki Ubags

PA1719	**Long term effects of COVID-19 on the oral and airway microbiota** Daniela Alferes de Lima Headley (Dundee, United Kingdom), Hollian Richardson, Chandani Hennayake, Zsofia Eke, Jamie Stobo, Ling-Pei Ho, Alex Horsley, Michael Marks, Krisnah Poinasamy, Betty Raman, Louise V Wain, Rachael A Evans, Christopher E Brightling, Philip L Molyneaux, James D Chalmers
PA1720	**The impact of severe COVID-19 pneumonia on the pulmonary and systemic circulation based on flow laws** Tibor Endre Nagy (Debrecen, Hungary), Erzsébet Szolnoki, Zoltán Hargitai, András Székely, Éva Gyarmati, Zsolt Barta, István Várkonyi
PA1721	**Therapeutic RIG-I activation by phosphorothioate-backboned oligodeoxynucleotide promotes pneumonia survival** Scott Evans (Houston, United States), Yongxing Wang, Vikram Kulkarni, Jezreel Pantaleon Garcia, Mathilde Lethier, Stephen Cusack
PA1722	**Long-term multidimensional health outcomes among individuals with and without post COVID-19 condition** Debbie Gach (Sittard, Netherlands), Frits Van Osch, Joop Van Den Bergh, Rein Posthuma, Hester Gietema, Martijn De Kruif, Annemie Schols, Rosanne Beijers
PA1723	**Post-COVID-19-period – how to predict the course?** Kseniia Bielosludtseva (Dniepropetrovsk, Ukraine), Mariia Krykhtina, Olha Shchudro, Liudmyla Konopkina, Larysa Botvinikova
PA1724	**Assessing DLCO impairment and fatigue in Long COVID patients** Gonçalo Filipe Jacinto Fernandes (Lagos, Portugal), Benedita Ferreira, Ana Rita Ribeiro, Jorge Correia, Pedro Americano, Cátia Saraiva, Helena Chaves Ramos, Sofia Barroso, Djamila Neves, Cláudia Guerreiro, Maria José Guimarães, Bebiana Conde, Jorge Ferreira, Marta Drummond, Ligia Pires
PA1725	**Respiratory tract mycobiota profiles and bacterial-fungal co-occurrence after severe COVID-19 are associated with lung function** Sabine Stadler (Fribourg, Switzerland), Luca Stickley, Eric Bernasconi, Seher Guney, Louis Mercier, Berra Erkosar, Manuela Funke-Chambour, Christophe Von Garnier, Niki Ubags
PA1726	**Acute muscular dystrophy correlates with severe pneumonia prognosis in elder** Luo Dong (Chongqing, China)
PA1727	**Radiological Lung Sequelae in COVID-19 Patients with Acute Hypoxemic Respiratory Failure: A Longitudinal Cohort Study at 4 Years after Discharge** Giulia Sartori (verona, Italy), Giancarlo Mansueto, Roxana Alexandra Chiper, Carlotta Ferrari, Alessandro Spezia, Chira Tirone, Benedetta Cosma, Ernesto Crisafulli

PS-28 Session 142 12:30 - 14:00

Poster session: Fungal infections

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Respiratory intensive care Transplantation Imaging Cell and molecular biology Surgery

Chairs : Anand Shah (London, United Kingdom)

PA1728	**Novel antifungal opelconazole showed no evidence of inducing a proinflammatory response following inhalation delivery for 12 weeks** Kazuhiro Ito (London, United Kingdom), Kirstie A. Lucas, Leah Daly, Pete Strong, Lance Berman
PA1729	**Prevalence and antifungal susceptibility of Aspergillus species in Pakistan: A Prospective study** Sana Fatima Dogar (Hadley, United States), Amina Asif, Abdul Ahad, Anum Hafeez, Muhammad Irfan Malik
PA1730	**Clinical Characteristics and Outcomes of Aspergillus Empyema in Adults: A Systematic Review** Takuya Akutsu (Chiba, Japan), Kazuya Tone, Akihisa Nemoto, Kentaro Chida, Shunsuke Inaki, Mina Gochi, Masamichi Takagi, Jun Araya
PA1731	**Aspergillus serology for optimal diagnosis and follow-up of chronic pulmonary aspergillosis.** Jeanne Bigot (Paris, France), Thomas Maitre, Charles Gibert, Sophie Thorez, Yaye Senghor, Jacques Cadranel, Christophe Hennequin, Cendrine Godet, Juliette Guitard
PA1732	**Health-related quality of life assessment in chronic pulmonary aspergillosis: a systematic review** Dareen Marghlani (London, United Kingdom), Aran Singanayagam, Melody Zhifang Ni, Darius Armstrong-James, Anand Shah
PA1733	**Real-world effectiveness of biologic therapy in Allergic Bronchopulmonary Aspergillosis** Irene Berrar Torre (london, United Kingdom), Charlotte Carter, Sophia Blackburn, Lisa Nwankwo, Tom Semple, Bhavin Rawal, Darius Armstrong-James, Pujan H Patel, Anand Shah

PA1734	**Allergic Bronchopulmonary Aspergillosis under Biologic Therapy: Insights from a Multidisciplinary Unit** Maria João Lúcio (linda a velha, Portugal), Patrícia Trindade, Joana Diogo, Inês Silva, Inês Barreto, Henrique Cabrita, Ana Mendes, Carlos Lopes
PA1735	**Chronic pulmonary aspergillosis: prognostic factors and the role of ABPA crossover** Ana Raquel Da Silva Gonçalves Afonso (Maia, Portugal), Dareen Marghlani, Mohammed Al-Ramadhan, Lisa Nwankwo, Darius Armstrong-James, Anand Shah
PA1736	**Surgery in patients with chronic pulmonary aspergillosis. A 15-year thoracic surgery center experience.** Maria Carolina Alves Valente (Santo Tirso, Portugal), Rita Costa, João Maciel, Adelina Amorim, Pedro Fernandes, David Barros Coelho
PA1737	**Prevalence and clinical impact of bacterial co-infection in chronic pulmonary aspergillosis** Fatma Tokgöz Akyil (Istanbul, Turkey), Sida Gösterici, Derya Hırçın Cenger, Çiğdem Sabancı, Hülya Abalı, Sinem Sökücü, Sedat Altın
PA1738	**Nutritional challenges in Chronic Pulmonary Aspergillosis (CPA) patients** Rasleen Kahai (London, United Kingdom), Dareen Marghlani, Ana Raquel Afonso, Lisa Nwankwo, Darius Armstrong-James, Anand Shah
PA1739	**Environmental interference in the fight against respiratory Aspergillus infection** Niki Ubags (Epalinges, Switzerland), Fabio Palmieri, Aurélien Trompette, Apiha Shanmuganathan, Julie Pernot, Samuel Neuenschwander, Thomas Junier, Marco Pagni, Christophe Von Garnier, Janick Stucki, Nina Hobi, Angela Koutsokera, Pilar Junier
PA1740	**Clinical Profile of Invasive Fungal Pneumonia Patients from a lower-middle-income country: A Prospective Observational Study.** Radhika Chelagala (Rohtak, India), Pawan Singh, Dhruva Chaudhry, Aman Ahuja, Samruddhi Chougale, Anirban Mondal, Vineela Surapaneni, Vishal Raj, Jyothi Geetha Mohankumar, Saima Ejaz, Pradeep Chauhan
PA1741	**Enhancement of Antifungal Activity by BromAc® in Combination with Conventional Antifungal Agents** David L. Morris (, Australia), Pooja Narang, Maria Ali, Mathew Eapen, Javed Akhter, Sharon Chen, Sarah Valle
PA1742	**Analysis of Clinical Features and Treatment Outcomes of Pulmonary Cryptococcosis at a Tertiary Hospital in Korea** Keum Ju Choi (Daegu, Republic of Korea)
PA1743	**Prophylaxis against pneumocystis jirovecii pneumonia (PJP) in autoimmune rheumatic diseases: a systematic literature review towards the achievement of a consensus** Loredana Carobene (Bussolengo, Italy), Marcella Sibani, Carmine Cutone, Alessia Savoldi, Evelina Tacconelli, Davide Gatti, Maurizio Rossini, Angelo Fassio
PA1744	**Characteristics of immunocompromised hosts with pneumocystis jirovecii pneumonia in a tertiary hospital** Kundan Reddy Saripalli (Singapore, Singapore), Timothy Toh, Youxin Puan, Brian Chua, Isaac Fong, Deshawn Tan, Eugene Gan, Yi Hern Tan
PA1745	**The role of cancer and immunosuppression in pneumocystis pneumonia: a large comprehensive population-based study** Fabian Reichel (Dresden, Germany), Falko Tesch, Saskia Berger, Martin Seifert, Dirk Koschel, Jochen Schmitt, Martin Kolditz
PA1746	**Validation of Serum Galactomannan for Invasive Pulmonary Aspergillosis Outcome Prediction** Trent Chang-Wei WU (Hsinchu City, Taiwan), Chen Chieh Lin, Yung-Hsuan Chen, Li-Ta Keng, Lih-Yu Chang, Jung-Yueh Chen, Meng-Rui Lee, Jann-Yuan Wang, Chao-Chi Ho, Jin-Yuan Shih
PA1747	**Increased prevalence of Hepatitis B and its association with worse survival in chronic pulmonary aspergillosis** Fatma Tokgöz Akyil (Istanbul, Turkey), Çiğdem Sabancı, Sida Gösterici, Hülya Abalı, Derya Hırçın Cenger

PS-29 Session 143 12:30 - 14:00

Poster session: Tuberculosis prevention and control: best practices

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Imaging Public health

Chairs : Ayşegül Fusun Öner Eyüboğlu (Ankara, Turkey)

PA1748	**Psychological perspectives and correlation of various psychological scales in tuberculosis- an observational study** Akhlesh Rajpoot (Almora, India), Manju Bala, Dinesh Chandra Punera

PA1749	**Room to breathe: could use of TB PCR testing to determine infection risk reduce unnecessary respiratory isolation in hospital settings?** Alasdair Frater (London, United Kingdom), Matthew Burman, Jack Callum, Manreet Nijjar, Viktoria Whittington, Alleyna Claxton
PA1750	**Portable X-ray machine for pulmonary pathology and tuberculosis active case finding in a combat zone: does it effective?** Olha Konstantynovska (Kharkiv, Ukraine), Tetiana Synenko, Iana Terleieva, Olesia Medvedieva, Olha Volobuieva, Tetiana Liadova, Svitlana Tiahlo
PA1751	**The mycobacterium tuberculosis infection in a tertiary cancer hospital: the retrospective analysis from 2014 to 2023** Chung-Jen Huang (New Taipei city, Taiwan), An-Chen Feng
PA1752	**Clinical Characteristics Of Hospitalised Patients With Miliary Tuberculosis In Central Shizuoka Prefecture, 2009-2021** Kei Kanata (Shimada, Japan), Toshihiro Shirai, Taisuke Akamatsu, Shoma Matsushita, Yutaro Ito, Koshiro Ichijo, Masahiro Uehara
PA1753	**Nationwide treatment outcomes of rifampicin resistant TB in Vietnam in 2021-2022.** Thi Mai Phuong Nguyen (Hanoi, Vietnam), Tom Decroo, Binh Hoa Nguyen, Thi Thanh Thuy Hoang, Van Luong Dinh
PA1754	**The acceptability of routine screening of pregnant migrant women for latent tuberculosis infection (LTBI) in antenatal care: a qualitative study nested within a feasibility trial.** Ananna Rahman (Essex, United Kingdom), Heinke Kunst, Christine Mccourt
PA1755	**Missed NHS TB migrant screening and prevention opportunities since 2015 contribute to high 2023 TB case rates in Leicester City** Trimanjot Singh Anand (Leicester, United Kingdom), Gerrit Woltmann, Pranabashis Haldar, Manish Pareek, Roz Kennedy, Helen Thuraisingam, Robert Free
PA1756	**One-Month Isoniazid and Rifapentine Treatment for Latent Tuberculosis Infection: Experience from a Portuguese Center** Maria Beatriz Dias Ferraz (Porto, Portugal), Ricardo Reis
PA1757	**Latent TB Infection (LTBI) Screening – a missed opportunity in prevention and early identification of active TB** Kubra Boza (Hove, United Kingdom), Rebekah Merriman, Aris Alexiadis, Akanksha Mimi Malhotra, Heinke Kunst
PA1758	**A new mobile application in the treatment of Tuberculosis patients in Turkey** Derya Öztomurcuk (Samsun, Turkey), Özlem Tosuner, Yasemin Dinç, Şule Ozturk, Filiz Agca, Zeki Kılıcaslan
PA1759	**SIILTIBCY: EMA Approved Breakthrough in TB Control** Teunie Westera (Bilthoven, Netherlands), Umesh Shaligram, Prasad Kulkarni, Parag Nagarkar, Zeinab Fneish, Rakesh Lothe, Marcus May, Dhananjay Kapse, Gaurav Nagar, Simon Peter, Shruti Polishwalla, Pradeep Singh
PA1760	**War, Migration &Child-Adolescent Tuberculosis (CA-TB)** Filiz Duyar Ağca (Ankara, Turkey), Umay Kavgacı, Asiye Inan Suer, Uğur Özçelik
PA1761	**Active TB diagnosis among migrants in East London, patient and health system delay – a retrospective review** Rebekah Merriman (London, United Kingdom), Kubra Boza, Aris Alexiadis, Akanksha Mimi Malhotra, Veronica White, Heinke Kunst
PA1762	**Root cause analysis of nosocomial exposure to Tuberculosis** YA-JEN YANG (Taipei City, Taiwan), Jann-Yuan Wang, Meng-Rui Lee, Che-Liang Chung, Sung-Ching Pan, Chi-Tai Fang, Jann-Tay Wang
PA1763	**Evaluation of TB treatment outcomes in outpatient settings during the COVID-19 pandemic** Ruzilya Usmanova (Tashkent, Uzbekistan), Nargiza Parpieva, Irina Liverko
PA1764	**Impact of COVID-19 pandemic on Tubercolar Infection treatment in Italy: a multicentric retrospective analysis** Irene Tomarelli (Milano, Italy), Giovanni Fumagalli, Marina Tadolini, Bianca Granozzi, Gilda Cuzzi, Luca Marcato, Giovanni Rossi, Patrizia Valsecchi, Paola Congera, Ilaria Marchetiello, Marco Mantero, Francesco Blasi, Luigi Ruffo Codecasa
PA1765	**Semi-automated quantification of PET-CT in TB contacts and its association with prospective outcomes.** Jee Whang Kim (Leicester, United Kingdom), Anver Kamil, Jo Lee, Ismail Novsarka, Pranabashis Haldar
PA1766	**Outbreak of pulmonary tuberculosis in a kindergarten following exposure to an infected teacher in a low TB incidence country** Sivan-Haia Perl (Tel aviv jaffa, Israel), Ehud Kaliner, Marina Polyakov, Zohar Mor

PS-3 Session 144 12:30 - 14:00

Poster session: The next big trials: insights from qualitative and feasibility studies

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Palliative care | Surgery

Chairs : Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Gillian Doe (Leicester, United Kingdom)

PA1767	**Hybrid home-based pulmonary rehabilitation programme after an exacerbation-related hospitalisation: a qualitative study reporting the perspectives of people with COPD** Sarah Gephine (Pérenchies, France), Elise Meto, Olivier Le Rouzic, Robert Launois, Jean-Marie Grosbois
PA1768	**A mixed-methods feasibility study of Hybrid-Pulmonary Rehabilitation** Timothy O Jenkins (London, United Kingdom), George Edwards, Suhani Patel, Claire Nolan, Karen Ingram, Stuart Clarke, Helen Lammin, Puja Trivedi, Callum Glen, Karen Hayden, Lindsey Cook, Carmel Moore, Pamela Knight, Festus Meshe, Graham Ball, William Man
PA1769	**The Impact of a Holistic Rehabilitation Nursing Intervention on Pulmonary Function and Quality of Life in Elderly Patients with COPD** Xin Zhong (Changchun (Jilin), China), Hongjing Lin, Xueli Zhang, Zeyu Qin
PA1770	**Training pulmonary rehabilitation (PR) teams to recruit and train lay health workers to promote adherence to PR: Assessing training delivery and receipt** Patrick T. White (London, United Kingdom), Gill Gilworth, Emma Godfrey, Arietta Spinou, Benjamin Odin, Katherine Harris, Jessica Kawalek, Natalie King, Toby Morgan, Simon Lewin, Stephanie Taylor, Nicholas Hopkinson, Julia Fox Rushby, Salma Ayis, Leslie Hamilton
PA1771	**Recruiting and training COPD patients as lay health workers in pulmonary rehabilitation to promote uptake and adherence to PR: the experience of PR staff and patients.** Patrick T. White (London, United Kingdom), Gill Gilworth, Benjamin Odin, Rebecca Mackenzie, Riddhi Daryanani, Katherine Harris, Natalie King, Jessica Kawalek, Emma Godfrey, Arietta Spinou, Simon Lewin
PA1772	**Breathing Better for Longer: Outcomes at 12 months for a multidisciplinary, home-based breathlessness intervention service targeting patients with chronic obstructive pulmonary disease (COPD)** Belinda Cochrane (Sydney (NSW), Australia), Mohmedsaqib Akhunji, Wei Xuan, Jonathan Lee, Tracy Smith, Sheree Smith, Soo Wei Foo, Teresa Kemp
PA1773	**Understanding and addressing the barriers to COPD awareness and rehabilitation in India: A contemporary review with an international case study** Alma Sato (Limassol, Cyprus), Prakruthi Kumar, Aparna Venkatesan, Halima Ibrahim, Vivekhan Raja, Yee Siew Lim, Shraddha Gupta, Jeenal Bajaj, Kavyesh Vivek, Mallika Mittal, Madhav Sharma, Arpita Meher, Hester Lacey, Nityanand Jain
PA1774	**Feasibility and effectiveness of a home monitored rehabilitation intervention using an exergaming approach – a randomized, controlled clinical study.** Edvin Diskin Wetter (GÖTEBORG, Sweden), Maria Bäck, Anna Ridderstolpe, Lowie E.G.W Vanfleteren
PA1775	**Group-based or individual delivery of rehabilitation after surgery for non-small cell lung cancer - satisfaction and barriers** Mette Kaasgaard (Nordhavn, Copenhagen, Denmark), Ole Hilberg, Anders Løkke, Erik Jacobsen, Uffe Bodtger
PA1776	**Perceptions of people with asthma on pulmonary rehabilitation program: a qualitative analysis** Vitoria Zacarias Cervera (São Bernardo do Campo, Brazil), Fabiano Francisco De Lima, David Halen Araujo Pinheiro, Regina Maria Carvalho-Pinto, Christian R. Osadnik, Celso R. F. Carvalho
PA1777	**Improvement of ventilatory function following rehabilitation in COPD patients: A novel program conducted in Kandy, Sri Lanka** Mathuscha Ratnasingham (Leicester, United Kingdom), Iridu Basnayake, Rasika Perera, Anoma Siribaddana
PA1778	**Virtual group session fostered peer support in pulmonary tele-rehabilitation (Tele-PR)** Hoi Yee Kwan (Hong Kong, Hong Kong), Chi Fung Chan, Hiu Wa Ho, Cherry Lau, Kenneth Lam, William Ko, Iris Kong, Ryan Yiu Fai Cheng, Chin Tong Kwok, Cee Kin Tseng, Chie Wai Yim, Pui Kin Ng, Thomas Yun Wing Mok
PA1779	**A qualitative study of experiences and expectations around hospital care during acute exacerbations of chronic obstructive pulmonary disease – A Health CASCADE study.** Karin Wadell (Umeå, Sweden), Qingfan An, Marlene Sandlund, Margrit Schreier, Sara Lundell
PA1780	**Home-based cycling for individuals with COPD: A qualitative study on engagement and barriers** Anna Stoustrup (Gandrup, Denmark), Lars Pilegaard Thomsen, Thorvaldur Skuli Palsson, Kristina Krogh Christinsen, Ulla Møller Weinreich, Jane Andreasen

PA1781 **Acceptability of SPACE for COPD© delivered as a maintenance programme following pulmonary rehabilitation discharge**
Linzy Houchen-Wolloff (Leicester, United Kingdom), Amy Barradell, Jessica Lapworth, Kathryn Greenall, Israa Al-Naabi, Ala Szczepura, Man Will, Claire Nolan, Sally Singh, Khaled Alqahtani, Annabel Hong

PA1782 **A qualitative arts study exploring breathlessness experiences across individual characteristics**
Holly Drover (Leicester, United Kingdom), Mark W Orme, Joanne Mcallister, Lucy Gardiner, Mary Harrison, Zainab Mussa, Steven Harvey, Sally J Singh, Enya Daynes

PA1783 **Telerehabilitation in a low resource setting in India: Qualitative insights from people with idiopathic pulmonary fibrosis (IPF)**
Humaira Hanif (Noida, India), Sajjad Alam, Deepak Talwar, Sally Singh, Mark Orme

PA1784 **Pulmonary Rehabilitation for Chronic Respiratory Diseases: Views of Healthcare Professionals and Policymakers in Bangladesh**
G M Monsur Habib (Khulna, Bangladesh), Nazim Uzzaman, Sadia Sultana, Kmarun Nahar, Hilary Pinnock

PA1785 **Evaluation of an unsupervised home-based pulmonary rehabilitation programme in a primary care setting in Bangladesh: a quasi-experimental single-arm study**
G M Monsur Habib (Khulna, Bangladesh), Sultana Sadia, Islam Samprity, Rahman Manal, Akhter Sumaiya, Biswas Keya, Uzzaman Nazim

PA1786 **Informing the PuRe Trial through systematic reviews and multi-country feasibility studies on pulmonary rehabilitation in low-resource settings**
BISWAJIT PAUL (Vellore, India), Paul Jebaraj, Shadrak Ravindra, Monsur Habib, Nazim Uzzaman, Julia Patrick Engkasan, Nik Sherina Hanafi, Soo Chin Chan, Dhiraj Agarwal, Diksha Singh, Sanjay Juvekar, Sudipto Roy, Harshpreet Kaur, Vicky Hammersley, Roberto Rabinovich, Khoo Ee Ming, Hilary Pinnock

PS-30 Session 145 12:30 - 14:00

Poster session: Predictive and prognostic evaluation of clinical markers and biomarkers in lung cancer

Disease(s) : Thoracic oncology Pulmonary vascular diseases

Method(s) : Public health Epidemiology Endoscopy and interventional pulmonology Cell and molecular biology General respiratory patient care Surgery

Chairs : Daniela Xhemalaj (Tirana, Albania), Eric Daniel Tenda (Jakarta, Indonesia)

PA1787 **Laboratory findings as prognostic factors of progression-free survival and overall survival in patients with stage IV lung adenocarcinoma**
Andrej Zecevic (Belgrade, Republic of Serbia), Branislav Ilic, Anka Postic, Dragana Maric

PA1788 **The Systemic Inflammation Response Index (SIRI) and C-Reactive protein (CRP) as Prognostic indicators in patients with advanced non-small cell lung cancer (NSCLC) undergoing chemotherapy**
Amira Jamai (Tunis, Tunisia), Chaima Habouria, Zaineb Guizaoui, Nidhal Belloumi, Imen Bachouch, Selma Zarrouk, Fatma Chermiti, Soraya Fenniche

PA1789 **Prognostic Value of Inflammatory Biomarkers in Patients with Advanced Stage Non-Small Cell Lung Cancer**
Zaineb Ghizaoui (ariana, Tunisia), Chaima Habouria, Amira Jamai, Imen Bachouch, Nidhal Belloumi, Marwa Bougacha, Selma Zarrouk, Fatma Chermiti, Soraya Fenniche

PA1790 **Multi-gene molecular testing in non-small cell lung cancer (NSCLC): the importance of quality assurance strategies**
Urszula Lechowicz (Warsaw, Poland), Magdalena Pelc, Adam Szpechcinski, Joanna Moes-Sosnowska, Paulina Skronska, Adriana Rozy, Elzbieta Podgorska, Aneta Zdral, Mateusz Polaczek, Emil Wojda, Malgorzata Szolkowska, Tadeusz Orlowski, Pawel Sliwinski, Renata Langfort, Joanna Chorostowska-Wynimko

PA1791 **Correlation of PD-L1 expression between biopsies and surgical specimens in Non-Small Cell Lung Cancer (NSCLC)**
Filipe Santos Raposo (Lisboa, Portugal), Carla Simão, Maria Alvarenga Santos, Margarida Aguiar, Margarida Felizardo, Filipa Todo Bom

PA1792 **Transitioning to NGS in NSCLC Molecular Diagnosis: Insights from a Portuguese Oncology Centre**
Joana Da Silva Cruz Gameiro Duarte (Oeiras, Portugal), Luís Vaz Rodrigues, Paulo Matos, Michele De Santis, Lourdes Barradas

PA1793 **The prognostic value of baseline serum D-dimer concentration in lung cancer - a post hoc analysis of a prospective cohort study**
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Pedro Magalhães Ferreira, Cláudia Freitas, Catarina Sousa, David Araújo, Hélder Bastos, Adriana Magalhães, Maria Gabriela Oliveira Fernandes

PA1794 **Association between serum γ-glutamyl transferase level and lung cancer risk in females**
Chiwook Chung (Seoul, Republic of Korea), Kyu Na Lee, Kyungdo Han, Dong Wook Shin, Sei Won Lee

PA1795 **MCT1-mediated histone lactylation modulates lung cancer cell sensitivity to T-cell-mediated killing by influencing mitochondrial dysfunction**
Qiong Zhou (Wuhan, China), Qianqian Xue, Wen-Bei Peng

PA1796 **Improved efficacy of immune checkpoint inhibitor with TGR5 inhibition in non-small cell lung cancer**
Lifang Zhao (shanghai, China), Zhihan Jiang, Hongyan Zhang, Handong Jiang

PA1797 **Refining lung cancer prognostication: impact of the 9th edition of the tumor, node and metastasis classification (TNM-9) staging updates**
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Pedro Magalhães Ferreira, Rui Campos, Carolina Valente, Cláudia Freitas, Catarina Sousa, David Araújo, Hélder Bastos, Adriana Magalhães, Maria Gabriela Oliveira Fernandes

PA1798 **Survival Predictors in Lung Cancer Patients Five Years After Initial Diagnosis**
Carmen Manzano Ramos (Las Palmas de Gran Canaria, Spain), Lucrezia Giannozzi, Clara Elisa Ruiz Tarbet, Noelia Borja Vargas, Idalays Pulido Hernández, Yolanda Bedmar Castillo, Cristian Pérez Nyberg

PA1799 **Predictive factors of morbidity and mortality after pneumonectomy**
mahdi Abdennadher (Ariana, Tunisia), Takwa Abdelfattah, Amina Ben Mansour, Amina Abdelkebir, Henda Neji, Nizar Fitouhi, Hazem Zribi, Adel Marghli

PA1800 **A single centre retrospective review of factors associated with mortality in lung cancer.**
Sarah Ahmed (London, United Kingdom), Elspeth Carruthers, Alex Birly, Alan Shaw

PA1801 **Impact of pulmonary embolism on lung cancer prognosis: A case-control study**
Ruiyuan Yang (Chengdu, China), Weimin Li

PA1802 **Relationship Between Telomere Length and Pulmonary Toxicity in Patients with Locally Advanced Unresectable Non-small cell lung cancer (NSCLC)**
Alfredo Marín Muñiz (Castelldefels, Spain), Olivia Jordi-Ollero, Beatriz Fernández-Varas, Mónica Arellano-Vengoechea, Isabel Brao-Pérez, Susana Padrones-Sánchez, Ramón Palmero-Sánchez, Mariana Muñoz-Esquerre, Guillermo Suarez-Cuartin, Salud Santos-Pérez, Leandro Sastre-Garzón, Arturo Navarro-Martín, Rosario Perona-Abellón, Samantha Aso-González

PA1803 **Telomere Length and Survival in Patients with Locally Advanced UnresectableNon-small Cell Lung Cancer (NSCLC): Is There a Relationship?**
Alfredo Marín Muñiz (Castelldefels, Spain), Olivia Jordi-Ollero, Beatriz Fernandez-Varas, Monica Arellano-Vengoechea, Isabel Brao-Perez, Susana Padrones-Sánchez, Ernest Nadal-Alforja, Mariana Muñoz-Esquerre, Guillermo Suarez-Cuartin, Salud Santos-Pérez, Leandro Sastre-Garzon, Arturo Navarro-Martín, Rosario Perona-Abellon, Samantha Aso-González

PA1804 **Prognostic implication of malignant pleural metastases in stage M1a non-small cell lung cancer (NSCLC) in a Dutch real-world cohort**
Anneloes L. Noordhof (Leeuwarden, Netherlands), Ronald A.M. Damhuis, Lizza E.L. Hendriks, Kevin G. Blyth, Najib M. Rahman, Wouter H. Van Geffen

PA1805 **Construction of a LncRNA Signature-Based Predictive Nomogram for Lung Adenocarcinoma**
Zhimin Zeng (Guangzhou, China), Fengjia Chen, Yangli Liu, Yubiao Guo

PA1806 **TGFBI modulates lung cancer cell invasion, but is independent of metastasis & survival**
Martin Kuchta (Leipzig, Germany), Armin Frille, Jonas Oberhuber-Kurth, Lukas Hofmann, Maximilian Von Laffert, Albrecht Gläser, Sabine Klagges, Wirtz Hubert, Hartmut Kuhn

PS-31 Session 146 12:30 - 14:00

Poster session: Clinical and diagnostic advances in mediastinal and pleural malignancies

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery General respiratory patient care Imaging Endoscopy and interventional pulmonology Cell and molecular biology Physiology

Chairs : Kevin Blyth (Glasgow (Glasgow), United Kingdom), Sotirios Sinis (Larissa, Greece)

PA1807 **Five years' experience of using Single Port Rigid Thoracoscopy in patients of undiagnosed exudative Pleural effusion at a tertiary centre in north India**
Hemant Kumar (Lucknow, India), Ved Prakash, Mohammad Arif, Ajay Kumar Verma

PA1808 **Inflammatory markers and pleurodesis efficacy in Malignant Pleural Mesothelioma: A Cohort Study**
Alessandra Lenzini (Pisa, Italy), Maria Giovanna Mastromarino, Gianmarco Elia, Diana Bacchin, Vittorio Aprile, Roberto Morganti, Stylianos Korasidis, Marcello Carlo Ambrogi, Marco Lucchi

PA1809	**Diagnosis of Malignant Pleural Effusion Using the Cancer Ratio** Alice Barbosa Carneiro de Araujo Pinho (São Paulo, Brazil), Milena Marques Oagliarelli Acencio, João Ricardo Signoretti Alexandre, Carlos Sergio Rocha Silva, Karina Rocha Pereira, João Luis Reis Freitas, Enrico Fortunato, Lisete Ribeiro Teixeira, Roberta Karla Sales
PA1810	**The limitations of CT in excluding pleural malignancy: Insights from LAT (local anesthsia Thoracoscopy) and histology findings** Muhamamd Zubair Nasim (Nottingham, United Kingdom), Rimsha Saleem, Syed Naveed Ali Shah
PA1811	**The Role of the Ratio to Pleural Effusion Level in the Differential Diagnosis of Pleural Effusion** Umut Ilhan (İstanbul, Turkey), Zeynep Güney, Ayşe Özçelik, Erdoğan Çetinkaya, Mustafa Çörtük
PA1812	**A retrospective study of IPC complications** Alexander Wilson (Stockton-on-Tees, United Kingdom), Kevin Conroy, Minahil Mujahid, Mohammed El-Bashir, Ben Prudon
PA1813	**Predictors of malignancy as a cause of pleural effusion** Ali Abdelaziz (Minia, Egypt), Rasha Abdelfattah, Rofida Hassan, Hager Yehia, Nada Abdelaziz, Elham Abdelgahny, Fatma Mohamed, Ali Hassan
PA1814	**^{18}F-FDG PET-CT and Masaoka-Koga (MK) staging: Novel insights into predicting thymic carcinoma, thymoma recurrence, and tumour grade** Zaw Tun Aung (Macclesfield, United Kingdom), Sameera Gamlath, Abdurrahmaan Manga, Syed Rizvi, Nawazish Karim, Syed Mohammad, Elizabeth Stannard, Cathy Richards, Elizabeth Webb, Veeresh Patil, Jonathan Bennett, Rajini Sudhir, Sanjay Agrawal, Yiewfah Fong, Apostolos Nakas, Muhammad Majid
PA1815	**INTRATHORACIC GOITER: A 20-YEAR SINGLE-CENTER EXPERIENCE** amina abdelkbir (ben arous, Tunisia), Wassim Chaieb, Ali Ben Salem, Mehdi Abdennadher, Imen Bouassida, Ines Moussa, Nizar Fitouhi, Hazem Zribi, Adel Marghli
PA1816	**Surgical outcomes in mediastinal teratoma** amina abdelkbir (ben arous, Tunisia), Siwar Hamdi, Hazem Zribi, Imen Bouassida, Mahdi Abdennadher, Hanen Smadhi, Nizar Fitouhi, Sarra Zairi, Adel Marghli
PA1817	**Point-of-care thoracoscopic biopsy diagnosis** Sylvia Spies (Amsterdam, Netherlands), Akari Win Thu, Alexandrea Macpherson, Laura M. G. Van Huizen, Teodora Radonic, Peter I. Bonta, Johannes M. A. Daniels, Kevin G. Blyth, Jouke T. Annema, Marie Louise Groot
PA1818	**Pleural Solitary Fibrous Tumours: A review of 10 years experience at University Hospital North Midlands NHS Trust** Qasim Gohir (Stoke On Trent, United Kingdom), Hifza Habib, Muhammad Ganaie
PA1819	**Cytoreductive surgery and hyperthermic intrathoracic chemotherapy for pleural metastases** Amro Hajja (Riyadh, Saudi Arabia), Miral Atout, Rasoul Turko, Haadi Syed, Hassan Robaidi, Waleed Saleh, Khaled Alkattan, Marcello Migliore
PA1820	**Surgical Management and Outcomes of 159 Mediastinal Tumor Cases: A Comprehensive Analysis** Zied Chaari (Sfax, Tunisia), Jaweher Kammoun, Aymen Ben Ayed, Hanen Bouattour, Hela Alimi, Abdessalem Hentati, Imed Frikha
PA1821	**Good syndrome in thymoma: A critical threat to survival and the need for early diagnosis and proactive management** Zaw Tun Aung (Macclesfield, United Kingdom), Abdurrahmaan Manga, Sameera Gamlath, Nawazish Karim, Syed Mohammad, Elizabeth Stannard, Cathy Richards, Elizabeth Webb, Veeresh Patil, Sanjay Agrawal, Apostolos Nakas, Muhammad Majid, Jonathan Bennett, Rajini Sudhir
PA1822	**Tumour histological subtypes in prognostic implications in cancer recurrence after post surgery: a retrospective study** Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win
PA1823	**The implications of pleural invasion and resection margin on cancer recurrence** Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win

PS-32 Session 147 12:30 - 14:00

Poster session: Therapeutic strategies in interstitial lung disease

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Public health Pulmonary function testing Epidemiology Cell and molecular biology Imaging

Chairs : Peter Saunders (London, United Kingdom), Ewa Miadlikowska (Łódź, Poland)

PA1824	**Intravenous immunoglobulin in acute exacerbations of fibrotic interstitial lung diseases: A retrospective, real-world study** Vasilina Sotiropoulou (Patras, Greece), Eva Theochari, Matthaios Katsaras, Panagiota Tsiri, Dimitrios Komninos, Ioannis Christopoulos, Georgios Tsirikos, Fotis Sampsonas, Christina Kalogeropoulou, Dimitrios Daoussis, Kyriakos Karkoulias, Argyrios Tzouvelekis
PA1825	**Blood eosinophilia: possible biomarker of response to Nintedanib in Idiopathic Pulmonary Fibrosis.** Lucia Vietri (Ferrara, Italy), Mariano Reginato, Miriana D'Alessandro, Annachiara Bosio, Olga Dell'Adami De Tarczal, Alberto Papi
PA1826	**Combined nintedanib and anticoagulation therapy does not increase the risk of bleeding in individuals with pulmonary fibrosis. A real world retrospective study.** Nazia Chaudhuri (Limavady, United Kingdom), Martin Kelly, Rose Sharkey, Terence Mcmanus, Siobhan Donnelly, Ann Box, Sandra Taylor-Stratford, Margaret Mccloskey, Genevieve Porter, Patrick Mcshane, Therese Scullion, Maeve Boyle, Hidayat Khan, Jan Kara, Ahmed Shamboul, Frederick Okpoko, Orla Traynor
PA1827	**Safety and clinical impact of the concomitant use of antifibrotic drugs and anticoagulants: a single-centre retrospective study.** Alessandra Pagano (pisa, Italy), Matilde Bruni, Laura Tavanti, Francesco Pistelli, Davide Chimera, Laura Carrozzi, Alessandro Celi, Roberta Pancani
PA1828	**Fostering Adherence in Ramadan for Antifibrotic Medications (FAST-AIM) - A multicentre cross-sectional study** Hira Saqib (Leicester, United Kingdom), Leila Bhadur, Ahmed Fahim, Laura Chapman, Helen Hawkes, Helen Parfrey, Irfaan Mobein, Nixon Leung, Janet Johnston, Ahmer Alikhan, Kate Newman, Karen Parson, Tia Wilson, Fasihul Khan*, Anna Murphy* * Joint Senior Authors
PA1829	**Antifibrotic Drug Tolerance and Treatment Management of IPF Patients: Data from 8 Centers in the Aegean Region** Muzaffer Onur Turan (Izmir, Turkey), Erhan Ugurlu, Ozge Oral Tapan, Nurhan Sarıoğlu, Gulru Polat, Sule Cilekar, Ozgur Batum, Sule Tas Gulen
PA1830	**Nintedanib vs Pirfenidone in Idiopathic Pulmonary Fibrosis: Long-Term Tolerability and Dose Adjustments in a Real-World Study** Francesca Lalla (Roma, Italy), Angelo Latella, Francesco Varone, Bruno Iovene, Luca Richeldi, Giacomo Sgalla
PA1831	**Effectiveness of nintedanib in patients with IPF who develop severe gas exchange impairment: a real-world study** Stefano Levra (Moncalieri, Italy), Sara Basile, Irene Pomero, Chiara Gollinucci, Fabiana Giannoccaro, Giuseppe Guida, Elisa Arrigo, Francesca Bertolini, Vitina Carriero, Fabio Luigi Massimo Ricciardolo
PA1832	**Effects of nerandomilast on pharmacokinetics of nintedanib and pirfenidone** Yichao Yu (Ridgefield, United States), Dilara Jappar, Markus Waser, Holger Henneicke
PA1833	**Nintedanib combined with pirfenidone in patients with idiopathic pulmonary fibrosis (IPF) or progressive pulmonary fibrosis (PPF): a retrospective multicentre study (Combi-PF)** Elisa Martínez Besteiro, Corentin Meersseman, Nicolas Romain-Scelle, Bruno Crestani, Sylvain Marchand-Adam, Hilario Nunes, Lidwine Wémeau-Stervinou, Raphael Borie, Julie Traclet, Claudia Valenzuela, Vincent Cottin
PA1834	**Evaluation of the efficacy and safety of nintedanib in elderly patients with idiopathic pulmonary fibrosis and progressive pulmonary fibrosis.** Paolo Cameli (Siena (SI), Italy), Tommaso Pianigiani, Simona Anna Stefani, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli
PA1835	**Effectiveness of Nintedanib in progressive pulmonary fibrosis assessed by progression criteria. An Italian, observational, multicentre study.** Jacopo Cefalo (Milano, Italy), Simone Contino, Francesco Varone, Fabrizio Luppi, Paolo Cameli, Stefania Cerri, Mariangela Valentina Puci, Alessia Martini, Bruno Iovene, Giovanni Franco, Umberto Zanini, Benedetta Mosole, Olga Torre, Luca Richeldi, Elena Bargagli, Giovanni Sotgiu, Michele Mondoni
PA1836	**Antifibrotic treatment in idiopathic pulmonary fibrosis (IPF) and progressive pulmonary fibrosis (PPF):similarities and differences** Demet Polat Yuluğ (Mersin, Turkey), Beyza Televi, Fatma Şevval Ünal, Damla Hazal Sucu, Yüksel Balcı, Sibel Naycı, Cengiz Özge, Eylem Sercan Özgür
PA1837	**Impact of antifibrotic treatment on clinical outcomes in idiopathic pulmonary fibrosis patients: a real-world cohort study** Pratik Pimple (Connecticut, United States), Maria Cristina Penaloza Ramos, Martin Lavallee, Carmen Ng, Ajit A. Londhe, Michelle Van Tieghem, Bret Zeldow, Steady Chasimpha, Sue Langham, Anne L. Wilson, Yanni Fan, Madhu Kanakapura, Andrew H. Limper, Jennifer Quint

PA1838 **ACE inhibitor use and mortality in idiopathic pulmonary fibrosis: A retrospective cohort study**
Burcu Ozaltin (London, United Kingdom), Robert Chapman, Muhammad Qummer Ul Arfeen, Natalie Fitzpatick, Harry Hemingway, Kenan Direk, Joseph Jacob

PA1839 **Gefapixant for Refractory Cough in Interstitial Lung Disease**
Atsushi Saito (Sapporo, Hokkaido, Japan), Tomoyuki Takahashi, Takafumi Yorozuya, Hirotaka Nishikiori, Koji Kuronima, Hirofumi Chiba

PA1840 **Antisence Oligonucleotide Silencing of Fused in Sarcoma (FUS): A Novel Therapeutic Intervention for Idiopathic Pulmonary Fibrosis**
Bhavika Katariya (Giessen, Germany), Shashipavan Chillappagari, Lisa Arnold, Stefan Guenther, Yash Dasadia, Afshin Noori, Ekaterina Krauss, Clemens Ruppert, Jan Hegermann, Christoph Wrede, Konrad Hoetzenecker, Saverio Bellusci, Christian Mühlfeld, Andreas Guenther, Poornima Mahavadi

PA1841 **First-in-Human Phase I Trial: the Safety, Tolerability, and Pharmacokinetics of HSK44459 in Healthy Subjects**
Juan Li (Nan jing, China), Bei Cao, Yuanxun Yang, Lei Huang, Tingting Ma

PA1842 **High risk of myelodysplastic syndrome in patients with pulmonary fibrosis and a rare telomere related gene variant**
Joanne van der Vis (Nieuwegein, Netherlands), Martijn Maus, Charlotte De Bie, Jasper Van Der Smagt, Matthijs Van Oosterhout, Jan Grutters, Coline Van Moorsel

PA1843 **Heterogeneous prognosis of individuals with desquamative interstitial pneumonia**
Quentin Philippot (Paris, France), Sylvain Marchand Adam, Pierre-Antoine Juge, Marie Pierre Debray, Mwetty Onanga, Sandrine Hirschi, Stéphane Jouneau, Matthieu Dubois, Jean-Francois Boitiaux, Constance Brasseur, Alice Guyard, Ibrahima Ba, Caroline Kannengiesser, Arnaud Mailleux, Madeleine Jaillet, Mathilde Le Brun, Mada Ghanem, Lidwine Wemeau, Elodie Blanchard, Hilario Nunes, Martine Reynaud-Gaubert, Grégoire Prevot, Pierre Le Guen, Philippe Bonniaud, Abdellatif Tazi, Vincent Cottin, Bruno Crestani, Raphaël Borie, . Orphalung Network

PS-33 Session 148 12:30 - 14:00

Poster session: Predicting progression in pulmonary fibrosis: biomarkers and beyond

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology Imaging Epidemiology Pulmonary function testing Endoscopy and interventional pulmonology Physiology

Chairs : Diana Calaras (Chisinau, Republic of Moldova), Iftikhar Nadeem (Lode, Cambridge, United Kingdom)

PA1844 **Multiprotein predictor of short-term mortality in idiopathic pulmonary fibrosis (IPF)**
Jamie L. Todd (Durham, United States), Hillary Mulder, Megan L Neely, Peitao Wu, John A Belperio, Toby M Maher, Justin M Oldham, Scott M Palmer, Divya C Patel, Thomas Schlange, Christian Hesslinger

PA1845 **Exploring the value of electronic nose technology to predict disease progression in pulmonary fibrosis**
Bart J. Formsma (Delft, Netherlands), Catharina C. Moor, Iris G. Van Der Sar, Leda Yazbeck, Markus Polke, Michael Kreuter, Vincent Cottin, Tamera J. Corte, Mymy Tran, Philip L. Molyneaux, Marlies S. Wijsenbeek

PA1846 **Lipid metabolism alterations in idiopathic pulmonary fibrosis: impact on disease severity and prognosis**
Giovanni Franco (Monza, Italy), Paola Faverio, Paola Rebora, Umberto Zanini, Anna Amato, Federica Vitarelli, Simona Spiti, Alessandro Maloberti, Cristina Giannattasio, Valerio Leoni, Fabrizio Luppi

PA1847 **Bronchoalveolar lavage cell differential count is associated with survival and radiological UIP pattern in familial pulmonary fibrosis**
Hanna Jaula (Oulu, Finland), Johanna Leppänen, Lauri Mattila, Lauri Ahvenjärvi, Eerika Nurkkala, Henri Lampela, Elisa Lappi-Blanco, Hannu Vähänikkilä, Terttu Harju, Riitta Kaarteenaho

PA1848 **Could serum vanin-1 level be a novel biomarker in patients with idiopathic pulmonary fibrosis?**
Gözde Öksüzler Kizilbay (Kocaeli, Turkey), Serap Argun Barış, Özgür Doğa Özsoy, Hale Maral Kır, Sevtap Doğan, Duygu Temiz Karadağ, Ayşe Çefle, Haşim Boyacı, Ilknur Başyiğit

PA1849 **Tissue turnover biomarkers are associated with lung function and exercise capacity in idiopathic pulmonary fibrosis**
Filipa B Simões (Herlev, Denmark), Nils Hoyer, Thomas S Prior, Peder Fredriksen, Morten A Karsdal, Diana J Leeming, Elisabeth Bendstrup, Jannie M B Sand, Saher B Shaker

PA1850 **MMP-7 and MPO as severity biomarkers in interstitial lung disease(ILD) patients in a brazilian cohort**
Julia Rodrigues Ferraz Silva (Rio de Janeiro, Brazil), Bianca Lucena, Monique Melo, Mayck Da Silva, Rebeca Nascimento, Marcos Bathlem, Nadja Graça, Nina Visconti, Michele Ferreira, Carla Santos, Fernanda Mello, Pedro Silva, Fernanda Cruz

PA1851 **Mucin1 and Mucin4 as diagnostic biomarkers of Interstitial Lung Disease and its Acute Exacerbation**
Motoko Nomura (Saitama, Japan), Hiromitsu Ohta, Masahiro Hiruta, Yuki Maeda, Kentaro Minegishi, Jun Shiihara, Yasuhiro Yamaguchi

PA1852	**Sublingual assessment of the endothelial glycocalyx reveals vascular endothelial dysfunction in patients with fibrotic interstitial lung disease** Giles Dixon (Exeter, United Kingdom), Jonathan Cl Rodrigues, Krasimira Tsaneva-Atanasova, Chris J Scotton, Michael A Gibbons, Shaney L Barratt
PA1853	**Histopathological UIP as a Prognostic Biomarker in Fibrotic Interstitial Lung Diseases with Preserved Lung Function.** Silvia Carlini (Rimini, Italy), Sara Tomassetti, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Venerino Poletti, Claudia Ravaglia
PA1854	**Fibroblast foci in transbronchial lung cryobiopsy specimens predict progression in interstitial lung diseases** Eeva Saari (Kuopio, Finland), Minna Mononen, Hannele Hasala, Hanna Nurmi, Hannu-Pekka Kettunen, Sanna Suoranta, Elisa Lappi-Blanco, Riitta Kaarteenaho, Heikki Koskela, Minna Purokivi
PA1855	**The clinical meaning of the Usual Interstitial Pneumonia (UIP) detected by transbronchial lung cryobiopsy (TBLC)** Simone Petrarulo (Padova, Italy), Fabiola Murgolo, Martina Montinaro, Tommaso Zanaboni, Teresa Calari, Giulia Panzuti, Stefano Oldani, Arianna Johanna De Grauw, Elisabetta Fabbri, Sara Piciucchi, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti
PA1856	**Clinical Characteristics and Whole Exome Sequencing Results from a Prospective Observational Cohort Study of Familial Pulmonary Fibrosis** Aoife Carolan (Stoneybatter, Ireland), Wan Lin Ng, Jisha Jasmin, Mari Ozaki, Killian Hurley
PA1857	**Advancing Pulmonary Fibrosis Care: Integrating Genomic Insights into Clinical Practice** Eva Carmona (Rochester, United States), Kathryn Del Valle, Kayla Kolbert, Kaitlin Sikkink, Clhoe Gill, Jennifer Kemppainen, Denise Whalen, Amarilys Alarcon Calderon, Victor Ortega, Abhishek Mangaonkar, Mrinal Patnaik, Ana Zamora, Alejandro Ferrer, Filippo Pinto E Vairo
PA1858	**Risk score including family history for patients with interstitial lung disease waiting for lung transplantation** Kiminobu Tanizawa (Kyoto, Japan), Tomohiro Handa, Akihiro Ohsumi, Daisuke Nakajima, Ryuji Uozumi, Kohei Ikezoe, Yoshinari Nakatsuka, Ryo Sakamoto, Akihiko Yoshizawa, Hiroshi Date, Toyohiro Hirai
PA1859	**Biomarkers of epithelial injury and disease progression correlate with cough severity in patients with pulmonary fibrosis** Lutz Wollin (Biberach an der Riß, Germany), Richard Vinisko, Philip L. Molyneaux, Linda Scarrott, Nina Patel, Marlies Wijsenbeek-Lourens
PA1860	**Soluble cytokine receptors in idiopathic pulmonary fibrosis** Kiminobu Tanizawa (Kyoto, Japan), Tomohiro Handa, Naoki Yamada, Takafumi Niwamoto, Yuko Murase, Yoshinari Nakatsuka, Seishu Hashimoto, Yoshio Taguchi, Hiromi Tomioka, Keisuke Tomii, Hideo Kita, Michihiro Uyama, Michiko Tsuchiya, Masahito Emura, Tetsuji Kawamura, Naoki Arai, Machiko Arita, Kazuko Uno, Akihiko Yoshizawa, Ryuji Uozumi, Kohei Ikezoe, Naoya Tanabe, Izumi Yamaguchi, Fumihuko Matsuda, Kazuo Chin, Toyohiro Hirai
PA1861	**MATRIX METALLOPROTEINASES (MMPs) AND SEVERITY OF OVERCOMING IDIOPATHIC PULMONARY FIBROSIS (IPF)** Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriya Rodionova, Oksana Karasova
PA1862	**NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) AS A BIOMARKER OF THE SEVERITY OF IDIOPATHIC PULMONARY FIBROSIS (IPF)** Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriya Rodionova, Anna Karasova, Mariia Chashchina
PA1863	**The Role and Evaluation of the Neutrophil-to-Lymphocyte Ratio in the Differential Diagnosis of IPF and Non-IPF Interstitial Lung Diseases** Ebru Duran (Eskişehir, Turkey), Senay Yilmaz, Aysegul Sahin Kuran, Huseyin Yildirim, Fusun Alatas, Kevser Setenay Dincer Oner

PS-34 Session 149 12:30 - 14:00

Poster session: Translational studies in interstitial lung disease of known causes

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Imaging Cell and molecular biology General respiratory patient care Physiology Pulmonary function testing Epidemiology

Tag(s) : Translational

Chairs : Thomas Planté-Bordeneuve (Durnal, Belgium), Chair to be confirmed

PA1864	**Seralutinib shows significant anti-fibrotic effects: Evidence from patient-derived models** Ravikumar Sitapara (San Diego, United States), Silvia Cantoni, Eduardo Garcia, Valentina Violi, Zhaoqing Ding, Robin Osterhout, Lawrence S. Zisman, Sidra Hoffman, Lawrence Ho, Francisca Gavilanes, Richard Aranda, Daniela Miglietta, Tomás Pulido, Bruno Guedes Baldi, Rogério Souza, Jean-Marie Bruey, Vincent Cottin

PA1865	**Investigating the effect of transforming growth factor (TGF)-β isoforms 1, 2, and 3 on lung and dermal fibroblast functions** Raveen Badyal (Vancouver, Canada), Brandon Kohlen, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett
PA1866	**Multi-Omics Reveals Gut-Lung Axis Dysbiosis and Metabolic Shifts in Pulmonary Fibrosis** Jing Gao (stockholm, Sweden), Duo-Fang Wang, Yuan Zhang, Zhou-Tai Chai, Hua-Xiu Ma, Wei-Dong Hu, Xiao-Jun Wang
PA1867	**Predictive Power of the e-Lung Weighted Reticulovascular Score for Mortality in Progressive Pulmonary Fibrosis** Ayodeji Adegunsoye (Chicago, United States), Christian Rennison-Jones, Lydia Chelala, Cathryn Lee, Wassim Bou-Zeid, George Harston, Claire Fernandez, Olivier Joly, Mary Strek, Anand Devaraj, Peter George
PA1868	**Evaluation of the antifibrotic effect of a dual αvβ6/αvβ1 integrin inhibitor in a mouse model of rheumatoid arthritis-associated interstitial lung disease** Johanna Schaub (South San Francisco, United States), Erine Budi, Martin Decaris, Elizabeth Redente
PA1869	**Plasma biomarkers for diagnosis and prognosis in interstitial lung disease (ILD)** Karin Von Wachenfeldt, Nina Fransén Pettersson, James Eaden, Per Broberg, Witte Koopmann, Irma Mahmutovic Persson, Nazia Chaudhuri, Stephen Bianchi, Sarah Skeoch
PA1870	**Characterizing the antifibrotic activity of bexotegrast on pathologic cell populations in multiple ILD subtypes** Johanna Schaub (South San Francisco, United States), Mahru An, Richard Ahn, Jennifer Yuzon, Steve Ho, Vikram Rao, Chris Her, Selorm Tamakloe, Hanieh Farhadi, Edward Cantu, Jeremy Katzen, Paul Wolters, Martin Decaris
PA1871	**Clinical Value of Pentraxin-3, Heparin Binding Protein and C-Reactive Protein In Interstitial Lung Diseases** Ceren Gokce Coskun Ekiz (mersin, Turkey), Bahar Ulubas
PA1872	**LSC - 2025 - siRNA-mediated perturbations in human precision-cut lung slices coupled to time-resolved single-nucle i RNA-seq** Ahmed Agami (Munich, Germany), Sai Rama Sridatta Prakki, Lin Yang, Diana Porras-Gonzalez, Niklas J Lang, Michael Gerckens, Laurens J De Sadeleer, Wim Wuyts, Jürgen Behr, Christian Schneider, Gabriel Stoleriu, Gerald Burgstaller, Fabian J Theis, Herbert B Schiller
PA1873	**Artificial Intelligence-analyzed airway parameters and disease progression in fibrotic Hypersensitivity Pneumonitis** Giulia Lunati (Milan, Italy), Francesco Varone, Giacomo Sgalla, Bruno Iovene, Lucio Calandriello, Giuseppe Cicchetti, Rosa D'Abronzo, Anna Rita Larici, Luca Richeldi
PA1874	**Impact of epicardial adipose tissue on comorbidities and prognosis in fibrotic interstitial lung disease** Raphaël Hindré (Saint Ouen sur Seine, France), Farah Mesli, Pierre Yves Brillet, Anass Ibrahim, Emmanuel Cosson, Yurdagül Uzunhan, Hilario Nunes, Lucile Sesé
PA1875	**Impulse Oscillometry in Avian Fibrotic Hypersensitivity Pneumonitis – a prospective study** Ana Filipa Soares Correia (Vale de Cambra, Portugal), Mariana Hipólito Reis, Vânia Almeida, Paula Pinto, Raquel Carvalho, Maria José Fernandes, Tiago Oliveira, Joana Gomes
PA1876	**GM-CSF-treated bone marrow-derived macrophages improve pulmonary fibrosis in bleomycin-treated mice** Sydney Joy (Montreal, Canada), James Martin
PA1877	**Comparison of Quantitative Image Analysis and visual change assessment methods in interstitial lung disease progression** Wieying Kuo (Seattle, United States), Javier Mercado, Peiyun Lu, Kari Sorge, Grace H J Kim
PA1878	**Mesenchymal stromal cell priming in the treatment of systemic sclerosis** Sydney Joy (Montreal, Canada), James Martin, Ines Colmegna
PA1879	**Cytokine biomarkers and machine learning for disease staging in artificial stone silicosis** Antonio Campos-Caro (Cádiz, Spain), Antonio Leon Jimenez, Daniel Sánchez-Morillo, Gema Jiménez-Gómez, Ana Martin-Carrillo, Antonio Hidalgo-Molina, Alberto Gallardo-García
PA1880	**Integrated plasma proteomic drives Risk stratification and phenotypic trajectory in ILD** Junfeng Huang (guangzhou, Guangdong, China), Zikai Lin, Huijie Yang, Yushan He, Gongping Shu, Bingpeng Guo, Gengjia Chen, Jialin Guo, Xiaoxiao Mao, Baoqing Sun, Fuchu He, Qian Han, Shiyue Li
PA1881	**Comparative proteomic insights in idiopathic and post-COVID pulmonary fibrosis** Suniti Yadav (New Delhi, India), Preeti Singh, Md. Quasid Akhter, Rajat Ujjainiya, Shantanu Sengupta, Saurabh Mittal, Ashu Seith Bhalla, Anant Mohan, Vijay Hadda
PA1882	**Novel autoantibody profiles in primary Sjögren's disease with Interstitial Lung Disease** Jan Christoph Gras (Hannover, Germany), Jannik Ruwisch, Fiona Engelke, Theresa Graalmann, Jonas Christian Schupp, Jan Fuge, Sabine Dettmer, Torsten Witte, Benjamin Seeliger

PA1883 **Pulmonary function and proteolytic activity of blood in patients with systemic scleroderma.**
Oksana Karasova (Dnipro, Ukraine), Viktoria Rodionova

PS-35 Session 150 12:30 - 14:00

Poster session: Clinical studies in sarcoidosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Imaging Pulmonary function testing

Chairs : Sahajal Dhooria (Chandigarh, India), Nicol Bernardinello (Trecenta (RO), Italy)

PA1884 **A Rare Coexistence: A Case of Sarcoidosis and Alpha-1 Antitrypsin Deficiency in a Single Patient**
Mohammed Sahir (Coventry, United Kingdom), Andrada-Elena Singh, Alan Kan, Oli Chinazom, Lara Beatriz

PA1885 **The association between sarcoidosis and cancer: a single-center experience**
Vittorio Lo Turco (Palermo, Italy), Giada Maria Capizzi, Giacomo Barbata, Rosangela Di Liberti, Riccardo Messina, Salvatore Battaglia, Nicola Scichilone

PA1886 **Incidence of malignancy after sarcoidosis diagnosis: a nationwide matched cohort study in Sweden**
Elizabeth V. Arkema (Stockholm, Sweden), Nurgul Batyrbekova, Martin Larsson, Ingrid Glimelius, Susanna Kullberg

PA1887 **Clinical and Therapeutic differences of Sarcoid patients with and without Malignancy**
Nicol Bernardinello (Trecenta (RO), Italy), Irene Begher, Elisabetta Cocconcelli, Elisabetta Balestro, Paolo Spagnolo

PA1888 **Sarcoidosis recurrency risk factors: a single institution retrospective analysis**
Mariachiara Crescenzi (Pavia, Italy), Francesco Rocco Bertuccio, Giulia Maria Stella, Davide Piloni, Angelo Guido Corsico, Marianna Russo, Fady Tousa, Simone Cordoni, Simone Montini

PA1889 **Effectiveness of Infliximab in refractory sarcoidosis: exploring treatment outcomes and relapse factors**
Valeria Maione (Odivelas, Portugal), Ana Dias, Leonardo Ferreira, Ana Cristina Mendes, Rita Pinto Basto, Cristina Bárbara

PA1890 **Effectiveness and safety of combined use of methotrexate and hydroxychloroquine in patients with refractory sarcoidosis**
Ievgeniia Merenkova (Kyiv, Ukraine), Volodymyr Gavrysyuk, Yaroslav Dziublyk, Galyna Gumeniuk

PA1891 **Lupus pernio: a clinico-radiological study of eighteen Turkish sarcoidosis patients**
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardag

PA1892 **Childhood sarcoidosis: experience of a single medical center in Turkey**
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardag

PA1893 **Utility of Charlson comorbidity index in sarcoidosis : a Tunisian prospective study**
Ines moussa (ariana, Tunisia), chaima baya, Hana Mrassi, Ameni Hamdi, Bacem Medini, Leila El Gharbi

PA1894 **Iatrogenic hypercalcemia due to vitamin D and calcium supplement intoxication**
Emre Yanardag (Istanbul, Turkey), Muammer Bilir, Halil Yanardağ

PA1895 **Extrapulmonary features of sarcoidosis**
Emre Yanardag (Istanbul, Turkey), Serhat Karadağ, Muammer Bilir

PA1896 **Prospective study to investigate hepatic involvement in newly diagnosed pulmonary sarcoidosis**
Christoph Lederer (Heidelberg, Germany), Conrad Rauber, Jessica Seeßle, Anne Schuhn, Eldridge Limen, Franziska Trudzinski, Felix Herth, Markus Polke, Katharina Buschulte

PA1897 **SARCOIDOSIS AND CORTICOIDS: WHEN TREATMENT BECOMES A RISK**
Ella Nemsi (Tunis, Tunisia), Berkaoui Ghada, Ben Hmida Lenda, Louhaichi Sabrine, Ammar Jamel, Hamdi Besma, Hamzaoui Agnes

PA1898 **Predictive factors of pulmonary fibrosis in Sarcoidosis**
Ahmed Ben Saad (Monastir, Tunisia), Lobna Loued, Lobna Gallas, Rania Kaddoussi, Cyrine Ben Nasrallah, Wajih Ghribi, Saoussen Cheikh-Mhammed, Asma Sriha, Samah Joobeur, Naceur Rouatbi

PA1899 **Late Breaking Abstract - Sarcoidosis Pulmonary Function Phenotypes Associated with Quality of Life**
Michelle Sharp (Baltimore, United States), Kristen Mathias, Cierra Poole, Amanda Sevilla, Nancy Lin, Edward Chen, Stephen Mathai, Nisha Gilotra, Kevin Psoter, Michelle Eakin

PA1900 **Late Breaking Abstract - Intratracheal administration of Col003 loaded in ginseng-derived extracellular vesicles for therapy of idiopathic pulmonary fibrosis**
Liping Huang (Fuzhou, China), Shuyan Zeng, Jinming Zhang, Qingmei Wang, Yuhan Du, Dongyu Liu, Qi Yu, Jie Chen, Yanqun Li, Jinzhong Zhuo, Jing Zhang, Baong Xie, Shaoxi Cai, Hangming Dong

PA1901 **Late Breaking Abstract - Predictive model for acute exacerbation risk in IPF patients: A Dual-Center Study**
Hongjun Zhao (QuZhou, China), Hao Xu, Geriletu Ao, Yanhong Zheng, Xiaolong Zhu, Chengshui Chen

PA1902 **Late Breaking Abstract - PCLS as a human, in vitro IPF model – morphological and molecular insights**
Selina Scheer (Aachen, Germany), Birger Tielemans, Janik Riese, Jana Dietrich, Saskia Von Stillfried Und Rattonitz, Ingo Krüger, Kamal Alhussein, Christian Martin, Holger Schlüter, Lavinia Neubert, Christopher Werlein, Danny Jonigk, Mark Kühnel

PA1903 **Late Breaking Abstract - High-throughput in vivo functional genomics screen identifies therapeutic candidates that regulate lung physiology and ECM synthesis in pulmonary fibrosis**
Vishwaraj Sontake (South San Francisco, United States), Jesi Nonora, Carmen Li, Shengping Wang, Vinay Kartha, Gayathri Donepudi, Ian Driver, Hikaru Miyazaki, Jingshu Chen, Smitha Shambhu, Amber Lim, Chris Carrico, Chase Bowman, Lianna Fung, Kelly Fagan, Arnav Gupta, Dimitry Popov, Chris Towne, Francisco Leport, Martin Jensen

PS-36 Session 151 12:30 - 14:00

Poster session: Pulmonary hypertension associated with interstitial lung disease: screening, clinical features treatment approach and prognosis

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases

Method(s) : Imaging | General respiratory patient care | Epidemiology | Pulmonary function testing | Physiology | Transplantation

Chairs : Sergio Alfonso Harari (Milano (MI), Italy), Cheng-Yu Wu (Giessen, Germany)

PA1904 **Pulmonary hypertension (PH) in interstitial lung disease (ILD) patients -is it just Group 3 PH?**
Saniya Rizwan (Manchester, United Kingdom), Jonathon Shaw, Trishala Raj, Harshana Bandara, Pilar Rivera Ortega

PA1905 **Relationship between the functional capacity and gas exchange in patiens with ILD and pulmonary hypertension: comparison between the 6-minute walk test and the 1-minute sit-to-stand test.**
Ana Paola Hernández Cristancho (Barcelona, Spain), Pamela Kette Aguilera, Rodrigo Torres Castro, Xavier Alsina Restoy, Nancy Pérez Rodas, Fernanda Hernández González, Lurdes Planas Cerezales, Isabel Blanco Vich, Elena Gimeno Santos, Jacobo Sellarés Torres

PA1906 **Non-invasive Screening Tools for early detection of Pulmonary Hypertension in Interstitial Lung Diseases**
Giuseppe Paciocco (Monza (MI), Italy), Silvia Ghezzi, Umberto Zanini, Alice Biffi, Andrea Lombi, Giovanni Franco, Riccardo Ripamonti, Paola Alfieri, Davide Pandolfino, Chiara Milano, Alberto Aloi, Stefano Novati, Fabrizio Luppi

PA1907 **Prognostic and risk stratification value of DLCO in Group 3 pulmonary hypertension**
Alexandra Nagy (Budapest, Hungary), Virág Laczkó, Zsófia Lázár, Zsolt Rozgonyi, Györgyi Csósza, Kristóf Karlócai, Veronika Müller

PA1908 **Predictive factors of pulmonary hypertension in fibrosing interstitial lung diseases**
David Rodríguez Plaza (Barcelona, Spain), Marta Hernández Argudo, Yolanda Ruiz Albert, Vanesa Vicens Zygmunt, Guadalupe Bermudo Peloche, Salud Santos Pérez, María Molina Molina, Jesus Ribas Sola

PA1909 **Interim results from PHINDER: pulmonary hypertension screening in patients with interstitial lung disease for earlier detection**
Sandeep Sahay (Houston, United States), Mary Beth Scholand, Elizabeth Belloli, Aparna Swaminathan, Kaitlyn Paxton, Kyle Davis, Meredith Broderick, Kevin Maher, Dasom Lee, David Kiely

PA1910 **Evaluation of the Utility of DLCO as a Predictive Factor for Pulmonary Hypertension Associated with Interstitial Lung Disease**
Masashi Sakayori (Yokohama, Japan), Takashi Niwa, Ryota Otoshi, Takashi Okuma, Masayuki Watanabe, Sanshiro Haga, Kazushi Fujimoto, Takashi Ogura

PA1911 **Inhaled Treprostinil treatment in pulmonary hypertension associated with interstitial lung disease in an outermost region of Europe.**
Carlos Ojeda Suárez (Las Palmas de Gran Canaria, Spain), Ana Belén Llanos González, Angeidi Martín Medina, Orlando Acosta Fernández, Marta Évora García, Amando Sixto García, Javier Guerra Ramos, María Purificación Ramírez Martín, Gregorio Pérez Peñate

PA1912	**Pulmonary Hypertension associated with Interstitial Lung Disease in the PVRI GoDeep Meta-Registry** Athiththan Yogeswaran (Giessen, Germany), Paul Hassoun, Khaled Saleh, Meike Fünderich, Aparna Balasubramanian, Ziad Konswa, David Kiely, Allan Lawrie, Christina Eichstaedt, Ekkehard Grünig, Martin Wilkins, Luke Howard, Horst Olschewski, Gabor Kovacs, Hector Cajigas, Robert Frantz, Andrew Sweatt, Roham Zamanian, Hani Sabbour, Alexandra Arvanitaki, George Giannakoulas, Jean Elwing, Arun Jose, Raphael Majeed, Jochen Wilhelm, Ardeschir Ghofrani, Friedrich Grimminger, Khodr Tello, Werner Seeger
PA1913	**High-resolution computed tomography findings of patients with pulmonary hypertension associated with interstitial lung disease: interim analysis of the PHINDER study** David Kiely (Sheffield (South Yorkshire), United Kingdom), Amita Krishnan, Douglas Corwin, Kaitlyn Paxton, Kyle Davis, Meredith Broderick, Dasom Lee, Kevin Maher, Tejaswini Kulkarni
PA1914	**Real-life use of inhaled treprostinil in pulmonary hypertension associated with interstitial lung disease** Segolene Turquier (bron, France), Adeline Berthoumieu, Vincent Cottin, Elise Artaud-Macari, Antoine Beauvais, Laurent Bertoletti, Bruno Degano, Nicolas Favrolt, Frederic Gagnadoux, Etienne Marie Jutant, Nicolas Lamblin, Arnaud Maurac, Ana Nieves, Elise Noel Savina, Jean Pastre, Olivier Sanchez, Mathilde Provost, Marianne Riou, Martine Reynaud-Gaubert, Victor Valentin, Sabrina Zeghmar, Olivier Sitbon, David Montani
PA1915	**Relationship between pulmonary arterial wedge pressure and survival in pulmonary hypertension associated with interstitial lung disease** Kazuya Yoshikawa (Osak, Japan), Osamu Nishiyama, Yuki Kunita, Ryo Yamazaki, Yusaku Nishikawa, Akiko Sano, Hisako Matsumoto
PA1916	**Assessment of non-invasive parameters prior to pulmonary hypertension in fibrotic interstitial lung disease (ILD-PH)** Sophie Herbert (London, United Kingdom), Konstantinos Dimopoulos, Ifan Jenkin, Timothy J W Dawes, Simon Bax, Colm Mccabe, Heba Nashat, Bhashkar Mukherjee, Bhavin Rawal, Athol Wells, Elisabetta Renzoni, Pete M George, Gisli Jenkins, S J Wort, L C Price
PA1917	**Assessing cardiac MRI in the diagnosis of pulmonary hypertension in ILD patients** Vaida Averjanovaitė (Vilnius, Lithuania), Lina Gumbiene, Ingrida Zeleckiene, Diana Zakarkaite, Monika Laukyte-Sleniene, Virginija Sileikiene
PA1918	**Deep learning algorithms using non-invasive data detect pulmonary hypertension in patients with idiopathic pulmonary fibrosis** Stephen John Wort (London, United Kingdom), Alexandra Arvanitaki, Gerhard Paul Diller, Vasilis Kouranos, Thomas Semple, Alexandra Lawrence, Bhashkar Mukherjee, Wei Li, Colm Mccabe, Michael Gatzoulis, Laura Price
PA1919	**Resource use and economic burden of patients with ILD-PH in France, SNDS study** Diego Funes (Sant Cugat del Vallès, Spain), Vincent Cottin, Olivier Sitbon, Batourou Sano, Nicoleta Petrica, Gabriela Bacchini Jeanneret, Miriam Fernández Delgado
PA1920	**Epidemiology of ILD-PH in France: Insights from the French National Health Data System** Olivier Sitbon (Le Kremlin-Bicêtre, France), Vincent Cottin, Aurelie Chekroun Martinot, Nicoleta Petrica, Diego Funes, Gabriela Bacchini Jeanneret
PA1921	**Clinical Characteristics and Survival of Patients with Pulmonary Hypertension Associated with Interstitial Lung Disease: A French Claims Database Analysis** Vincent Cottin (Lyon, France), Olivier Sitbon, Aurelie Chekroun Martinot, Nicoleta Petrica, Diego Funes, Gabriela Bacchini Jeanneret
PA1922	**PHocus: a global Phase 2 study of inhaled mosliciguat in pulmonary hypertension associated with interstitial lung disease (PH-ILD)** H. Ardeschir Ghofrani (Gießen, Germany), Vincent Cottin, Laura Price, Rajan Saggar, Rogerio De Souza, Jean-Luc Vachiéry, Aaron Waxman, Jennifer Cormier, Ubaldo Martin, Sudhir Penugonda, Carlos Sanmarco, Dhiya Sani, Allison Widlitz, Marc Humbert
PA1923	**Pulmonary vascular phenotypes in interstitial lung disease (ILD) patients: a wide scenario from a multicentric study** Giordano Fiorentu' (Padova, Italy), Elisabetta Cocconcelli, Nicol Bernardinello, Dylan Pasin, Giulia Bartolucci, Chiara Giraudo, Sara Cecchinato, Martina Visonà, Alexandra Vilaia, Fiorella Calabrese, Federico Rea, Paula Barquero, Manuel Lopez Meseguer, Lucilla Piccari, Paolo Spagnolo, Elisabetta Balestro

PS-37 Session 152 12:30 - 14:00

Poster session: Pulmonary embolism poster session 1

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Respiratory intensive care General respiratory patient care Epidemiology Imaging Endoscopy and interventional pulmonology

Chairs : Luis Jara-Palomares (Sevilla, Spain), Esther Nossent (Amsterdam, Netherlands)

PA1924	**Incidence of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) after pulmonary embolism (PE): PREVA-CTEPH study** Olivier Sanchez (Paris, France), Eloise Alabadan, Laurent Bertoletti, Nicolas Meneveau, Cécile Tromeur, Mitja Jevnikar, Florence Parent, Marie-Pierre Revel, Armelle Arnoux, Annabelle Beaudoin, Xavier Jais, Francis Couturaud
PA1925	**The incidence of chronic thromboembolic pulmonary disease and chronic thromboembolic pulmonary hypertension after an acute pulmonary embolism: a 3-year experience of an ambulatory pulmonary embolism service** Vimal Kumar (Leicester, United Kingdom), Nadeem Iqbal, Abdurrahmaan Manga, Rajini Sudhir
PA1926	**Validation of standard PaO2/FiO2 ratio as a prognostic marker in acute pulmonary embolism: a multicentric study** Lorenzo D'Aloisio (San Giuliano Terme, Italy), Martina Vignani, Gianluca Andreucci, Greta Barbieri, Giuseppe Pepe, Lorenzo Ghiadoni, Laura Carrozzi, Alessandro Celi, Roberta Pancani
PA1927	**Pulmonary artery pulse pressure as a predictor of pulmonary hypertension in patients with intermediate-high risk pulmonary embolism** Julien Lopes (Fátima, Portugal), Mariana Caetano Coelho, Bárbara Lacerda Teixeira, André Grazina, João Reis, Ana Galrinho, Duarte Cacela, Ruben Ramos, Melanie Ferreira, Rui Cruz Ferreira, Luís Almeida Morais
PA1928	**Are Hestia, PESI, and sPESI enough to select patients with pulmonary embolism for outpatient treatment?** Maja Omcikus (Beograd, Republic of Serbia), Dragana Maric, Ivan Milivojevic, Andrej Zecevic, Aleksa Golubovic, Zdravko Brkovic
PA1929	**Management of intermediate-risk acute pulmonary embolism: The emerging role of respiratory intermediate care units** Jorge Mora (Getafe, Spain), Araceli Abad, Fernando Garcia, Sonia Pascual, Alejandro García, María Conejero, Waail Boubekri, Monica Babiano, Carmen Mira, María Teresa Río, Diego Durán
PA1930	**Experience of the rapid response team for the management of patients with pulmonary embolism (PERT, Pulmonary Embolism Response Team) of the General Hospital of Mexico** Dulce Iliana Navarro (nezahualcoyotl, Mexico), Guillermo Cueto, Maria Berenice Torres Rojas, Marisol Garcìa
PA1931	**L-shaped association of 24-hour urine output with 3-month and 1-year all-cause mortality in patients with acute pulmonary embolism: A retrospective cohort study** Jia-Yong Qiu (Shijiazhuang, China), Chao-Wei Ding, Shen-Shen Huang, Dong Ding, Yi-Min Mao, Ya-Dong Yuan
PA1932	**Anticoagulation in critically ill patients with isolated distal deep vein thrombosis: a retrospective cohort study** Shengxin Fan (Chongqing, China), Binyan Fu, Jiazhou Liu, Yuliang Liu, Xiaohui Wang, Hong Chen
PA1933	**Impact of a pulmonary embolism response team (PERT) in the prognosis of patients with acute symptomatic pulmonary embolism.** Sara Gonzalez Castro (Tres Cantos (Madrid), Spain), Marta Najarro De La Parra, Winnifer Briceño Franquiz, Carmen Rodriguez Calle, Deisy Barrios Barreto, Raquel Morillo, Juan Manuel Velasco Martin, Andrea Olovarría, Aurora Lietor, Vicente Gómez Del Olmo, Álvaro Osorio, Angel Sanchez Recalde, Alfonso Muriel, David Jiménez
PA1934	**Patient characteristics associated with dyspnea after an acute pulmonary embolism. Results of the INPUT multicentric prospective study** Nicolas Coquoz (Sion, Switzerland), Daiana Stolz, Vladimir Popov, Andrea Azzola, Jean-Marc Fellrath, Hans Stricker, Alberto Pagnamenta, Sebastian Ott, Sylvia Ulrich, Sandor Györik, John-David Aubert
PA1935	**Pulmonary necrosis in pulmonary embolism: Clinical significance and prognostic implications** Sida Gösterici (İstanbul, Turkey), Seda Tural, Çiğdem Sabancı, Sevdenur Özer Bilkay, Sümeyya Pehlivan Okuducu, Gülfidan Aras, Fatma Tokgöz Akyıl
PA1936	**INTERactions between Direct Oral AntiCoagulants and antiepileptic drugs (INTER-DOAC): a prospective observational study** Roberta Pancani (PISA, Italy), Chiara Pizzanelli, Margherita Biagini, Paolo Chiarugi, Monica Casini, Paola Francesca Capozza, Giacinta Guarini, Lucia Malloggi, Gabriele Siciliano, Raffaele De Caterina, Laura Carrozzi, Alessandro Celi
PA1937	**Evaluation of the effects of serum biomarkers and echocardiography on survival in pulmonary thromboembolism with a survival analysis based on real-life data.** Nesrin Öcal (Ankara, Turkey), Burcu Ozturk Sahin, Esra Yuksel, Cansu Yaman, Latif Alperen Ozdemir, Deniz Yaylagul, Sabiha Ercan, Selin Varisli Duman, Elif Gundogan, Ebru Ozturk, Yakup Arslan, Deniz Dogan, Canturk Tasci
PA1938	**Real-world study on the efficacy and safety of rivaroxaban for extended anticoagulation in pulmonary embolism (XAPEC-EXT)** Zhenguo Zhai (Beijing, China), mengjie Duo, Bingzhang Zou, Zhu Zhang
PA1939	**Association between Insulin Resistance and Risk, Prognosis of Venous Thromboembolism: Insights from UK Biobank and Mendelian Randomization Analysis** Bingzhang Zou (Beijing, China), Haobo Li, Zhu Zhang, Zhenguo Zhai

PA1940 **Management of Clinically Relevant Bleeding and Recurrent Venous Thromboembolism (VTE) in Patients with VTE and Cancer: A Cohort Study**
Sergio Lopez Ruz (Sevilla, Spain), Victor García García, Maria Barca Hernando, Carmen Rosa Linares, David Gutierrez Campos, Luis Jara Palomares

PA1941 **Validation of ICD-10 Algorithms for the Accurate Identification of Pulmonary Embolism**
Sergio Lopez Ruz (Sevilla, Spain), Carmen Rosa Linares, Maria Barca Hernando, Victor Garcia Garcia, David Gutierrez Campos, Luis Jara Palomares

PS-38 Session 153 12:30 - 14:00

Poster session: Peripheral pulmonary lesions

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Imaging Surgery General respiratory patient care

Chairs : Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Ashwini Kumar Mishra (Gorakhpur (Uttar Pradesh), India)

PA1942 **Ultrathin versus thin bronchoscopy for peripheral pulmonary lesions: A systematic review and meta-analysis of randomized controlled trials**
Mustapha Arab (Alger, Algeria), Manar Ahmad Al-Harahsheh

PA1943 **Feasibility of a Modified Bronchoscopic Transparenchymal Nodule Access Technique (“Essen Tunnel”) for Improving the Diagnosis of Intraparenchymal Pulmonary Lesions**
Kaid Darwiche (Essen, Germany), Erik Büscher, Jane Winantea, Hanna Zellerhoff, Johannes Wienker, Marcel Opitz, Christian Taube, Faustina Funke

PA1944 **Optimizing Diagnostic Strategies for Lung Cancer Using Navigation Modalities and Radial Endobronchial Ultrasound**
Qi Qi (sichuan, China)

PA1945 **Distance guided radial EBUS for peripheral pulmonary lesions: data from brazilian cohort**
Maria Clara Ribeiro (Rio de Janeiro, Brazil), Bianca Peixoto, Marcos Bethlem, Amir Szklo, Manoel Vieira, João Pedro Steinhauser

PA1946 **Cryobiopsy versus r-EBUS-guided forceps biopsy for diagnosis of peripheral pulmonary lesions: a retrospective study**
Safieddine DOUADI (Limoges, France), Amir Hanna, Thomas Egenod, Martin Faure, Anais Labrunie, Adrian Crutu, Chahin Medraoui, Yannick Simonneau

PA1947 **Radial Endobronchial Ultrasound does not improve the Diagnostic Yield of Electromagnetic Navigation Bronchoscopy- a Randomized Controlled Trial.**
Amanda Dandanell Juul (Odense S, Denmark), Arman Arshad, Alice V. Christophersen, Alexis Pulga, Pernille Kristiansen, Rana Bibi, Torben Riis Rasmussen, Ole Hilberg, Nicoline Mathiessen Andersen, Christian B. Laursen

PA1948 **The utility of the PeriView FLEX needle in converting non-within the lesion to within the lesion radial EBUS findings in diagnostic bronchoscopy**
Tadashi Sakaguchi (Ma Tsu Saka, Japan), Yoichi Nishii, Osamu Hataji

PA1949 **Robotic Bronchoscopy for Diagnosis of Peripheral Pulmonary Lesions: Characterization of Non-Diagnostic Samples**
Alejandra Yu Lee-Mateus (Jacksonville, United States), Bryan F. Vaca-Cartagena, Alanna Barrios-Ruiz, Paola Gutierrez-Gallegos, Sofia Valdes-Camacho, Mohamed I. Ibrahim, Milan Malla, David Abia-Trujillo, Bryan Husta, Linh Vu, Kelly S. Robertson, Britney N. Hazelett, Sebastian Fernandez-Bussy

PA1950 **Robotic ION bronchoscopy: insights from our initial experience**
Juliana Guarize (Milano (MI), Italy), Edoardo Amante, Stefano Maria Donghi, Luca Bertolaccini

PA1951 **Shape-sensing Robotic-Assisted Bronchoscopy with cone beam CT for pulmonary nodules: 6-month results of first multicentre European trial**
Ley Taing Chan (London, United Kingdom), Kelvin Lau, Christopher M Orton, Kire Temov, Ilecia Baboolal, Anand Tana, Al-Rehan Dhanji, Ashish Karir, Elif S Agaoglu, Justin L Garner, Aisha Kalyal, Maria Lapuente, Sarah Galope, Ines Meireles, Jennifer Moore, Eleanor Scott, Patricia Pereira, Jessica Thomas, Foteini Ttofia, Pallav L Shah

PA1952 **Impact of Robotic-Assisted Bronchoscopy with Integrated Cone-Beam CT on Stage Shift in Peripheral Pulmonary Lesions at a Lung Cancer Centre**
Carolin Steinack (Zürich, Switzerland), Patrick Baumgartner, Gian-Marco Monsch, Didier Schneiter, Scott Oh, Eleni Theano Samara, Isabelle Opitz, Christian Clarenbach, Silvia Ulrich, Malcolm Kohler, Thomas Gaisl

PA1953 **Advanced image guidance software for CBCT navigation bronchoscopy**
Inge Nicole Wijma (Nijmegen, Netherlands), Sander Langereis, William Van Der Sterren, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden

PA1954 **Radiation Dose Assessment in Fluoroscopically-Guided Radial Endobronchial Ultrasound of Peripheral Pulmonary Lesions**
Sze Shyang Kho (Kuching (Sarawak), Malaysia), Ioanna Ting Yung Sim, Jessica Edward Nyangong, Kiew Siong Lau, Chan Sin Chai, Swee Kim Chan, Siew Teck Tie

PA1955 **Navigation Bronchoscopy: A Multifaceted Implementation Strategy for the Minimally Invasive, Image-Guided Diagnosis of Lung Nodules**
Ferhat Beyaz (Nijmegen, Netherlands), Julie E.M. Swillens, Roel L.J. Verhoeven, Rosella P.M.G. Hermens, Erik H.F.M. Van Der Heijden

PA1956 **Tool-in-lesion confirmation in navigation bronchoscopy: needle based confocal laser endomicroscopy (nCLE) vs. cone-beam CT**
Saskia van Heumen (Amsterdam, Netherlands), Daniel De Bruin, Johannes Daniels, Peter Bonta, Jouke Annema

PA1957 **Predictors of Diagnostic Yield of Bronchoscopy in the Evaluation of Pulmonary Masses and Nodules: A Retrospective Cohort Study and Clinical Prediction Model**
Kaiser Marr Cruz (Manila, Philippines), Ralph Elvi Villalobos

PA1958 **Real-World Data for Identifying Predictors of Virtual Bronchoscopic Navigation Success**
Erik Büscher (Essen, Germany), Kaid Darwiche, Marcel Opitz, Jane Winantea, Hanna Zellerhoff, Johannes Wienker, Sebastian Zensen, Halil Ibrahim Tazeoglu, Luca Salhöfer, Jan Niklas Büscher, Annika Hüsing, Christian Taube, Faustina Funke

PA1959 **Robot-Assisted Bronchoscopy vs CT-Guided Biopsy: Weighing Safety in Pulmonary Nodule Evaluation**
Alejandra Yu Lee-Mateus (Jacksonville, United States), Bryan F. Vaca-Cartagena, Alanna Barrios-Ruiz, Sofia Valdes-Camacho, Paola Gutierrez-Gallegos, Mohamed I. Ibrahim, Milan Malla, Maria Estevez, Kelly S. Robertson, Britney N. Hazelett, Bryan Husta, Linh H. Vu, David Abia-Trujillo, Sebastian Fernandez-Bussy

PA1960 **Radial endobronchial ultrasound for the diagnosis of peripheral pulmonary lesions: First study from North East India**
John Muchahary (Shillong, India), Vijay N Nongpiur, Pranjal Kalita, Neeta Gogoi

PA1961 **Predictive factors for reduced diagnostic yield with EBUS-TBNA: when should additional techniques be considered as first-line?**
Luca Riberi (Torino (TO), Italy), Letizia Valsecchi, Aleksandar Veljkovic, Davide Indellicati, Francesco Todisco, Massimo Comune

PS-39 Session 154 12:30 - 14:00

Poster session: Computed tomography biomarkers, machine learning and functional imaging in chronic lung disorders

Disease(s) : Thoracic oncology | Respiratory critical care | Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases

Method(s) : Imaging | Pulmonary function testing | Public health | Cell and molecular biology | Surgery | Endoscopy and interventional pulmonology

Chairs : Sara Piciucchi (Forlì, Italy), Chair to be confirmed

PA1962 **ECG Synchronized Cardiac CT in the Evaluation of Pulmonary Hypertension and Chamber Size and Function**
Johad Khoury (Haifa, Israel), Ibrahim Naoum, Yuval Shachaf, Magdi Qadah, Ronin Yaffi, Yochai Adir

PA1963 **AI-driven Mediastinal Lymph Node Segmentation and Automatic Reporting in Chest CT**
Shweta Tyagi (Bengaluru, India), Mohammed Moosa Jabeer, Jitender Singh, Anuj Chandalia

PA1964 **Convolutional neural networks in lung malignancy prediction**
Aleksandar Ivkovic (Niš, Republic of Serbia), Ivana Svilarov, Stevan Ivkovic, Dusan Ivkovic

PA1965 **AI-based rib fracture detection and reporting in chest CT scans**
Mohammed Moosa Jabeer (Bengaluru, India), Shweta Tyagi, Jitender Singh, Anuj Chandalia

PA1966 **Development of a radiomics-based risk stratification for lymph node metastasis in clinical stage I lung adenocarcinoma: A multicenter study**
Yuan Li (Chongqing, China), Wangjia Li, Qi Li, Lingqi Gao, Tingting Tan, Yi Chen, Fajin Lv

PA1967 **Impact of Post-COVID-19 Pulmonary Sequelae on Radiopharmaceutical Pulmonary Activity**
Daiara Nunes (Recife, Brazil), Harrison Euller, Jose Carlos Nóbrega Júnior, Simone Soares Brandão, James Fink, Roberta Torres, Arzu Ari, Caio Morais, Shirley Campos, Daniella Brandão, Armèle Dornelas De Andrade

PA1968 **Convolutional neural networks and prediction of viral pneumonia complications**
Aleksandar Ivkovic (Niš, Republic of Serbia), Ivana Svilarov, Stevan Ivkovic, Dusan Ivkovic

PA1969	**Development of a radiomics-based invasive risk stratification for clinical stage I lung adenocarcinoma: a multicenter study** Yuan Li (Chongqing, China), Lingqi Gao, Wangjia Li, Qi Li, Tingting Tan, Yi Chen, Fajin Lv
PA1970	**Accurate prediction of Pulmonary Arterial Hemodynamics from chest X-rays in Pulmonary Hypertension Using Deep Learning Model** Xiangnan Li (Beijing, China), Yanru Liang, Li Chen, Diwei Shi, Mingming Deng, Bin Lu, He Tian, Qixian Zeng, Gang Hou, Xiaoming Zhou
PA1971	**Can CT differentiate between cardiogenic and non-cardiogenic pleural effusions?** Amerikos Argyriou (Bristol, United Kingdom), Aaron Morjaria, Anthony Edey, Nicholas Maskell, Steven Walker
PA1972	**Non-Invasive Imaging Methods and Inflammatory Markers in Early Stage Tracheal Stenosis in Rabbits** Heitor Correa da Silva (São Paulo, Brazil), Giovana Rossi Do Carmo, Helio Minamoto, Claudia Schweiger, Benoit Bibas, Elaine Rufo Tavares, Milena Marques Pagliarelli Acencio, Aristides Tadeu Correia, Natalia Aparecida Nepomuceno, Liliane Moreira Ruiz, Henrique Takachi Moriya, Paulo Manuel Pego-Fernandes, Paulo Francisco Guerreiro Cardoso
PA1973	**Cardiopulmonary exercise testing correlates with quantitative SPECT/CT uptake in transthyretin amyloid cardiomyopathy** Nikita Ermolaev (Vienna, Austria), René Rettl, Christina Kronberger, Robin Willixhofer, Michael Poledniczek, Franz Duca, Christina Binder, Andreas Kammerlander, Johannes Kastner, Jutta Bergler-Klein, Rafaella Calabretta, Roza Badr Eslam
PA1974	**Improving Doctor Awareness of CTPA, VQ and VQ SPECT Imaging in diagnosis of Pulmonary Embolism** Pawel Sokal (Birmingham, United Kingdom), Varun Kumar, Lavesh Mirpuri, Graciaa Singhal, Mainul Huda, Rachel Rajadurai, Sayed Alderazi
PA1975	**Correlation between endoscopic and radiological findings in tracheal stenoses** Sarra Maazaoui (Ben Arous, Tunisia), mohamed karim darragi, Amani Touil, Mariem Chaabane, Tasnim Znegui, Sonia Hbibech, Hajer Racil, Nawel Chaouch
PA1976	**A rare cause of hoarseness: Ortner Syndrome** Serap Argun Baris (Kocaeli, Turkey), Tugba Onyilmaz, Sevil Aydogan Dis, Sevtap Dogan, Ilknur Basyigit
PA1977	**Optimizing Chest X-Ray Workflows: The Role of AI as a Support Tool** Daniel Togher (Leicester, United Kingdom)
PA1978	**Functional ventilation mapping from 1H 3D UTE MRI in unsedated, free-breathing neonates & healthy adults** Amy Simmons (Sheffield, United Kingdom), Laura Saunders, Jonathan Smith, Robert Morton, Porus Bustani, Jim Wild, Neil Stewart
PA1979	**Clinical features, surgical management, and long-term prognosis of chest wall tumors** amina abdelkbir (ben arous, Tunisia), Siwar Hamdi, Hazem Zribi, Mahdi Abdennadher, Hanen Smadhi, Nizar Fitouhi, Sarra Zairi, Adel Marghli
PA1980	**Radiological determinants of overall survival in a Turkish cohort of patients with hypersensitivity pneumonitis** Daryl Cheng (London, United Kingdom), Alper Ezircan, Nesrin Mogulkoc-Bishop, Robert Chapman, Gabrielle Baxter, Recep Savaş, Ryoko Egashira, Daisuke Yamada, Joseph Jacob
PA1981	**Clinical role of Low-Field MRI (0.55 T) in Comparison with Photon counting CT in interstitial lung disease patients** Ádám Domonkos Tárnoki (Budapest, Hungary), Gergely Szabó, Bálint Török, István Szabó, Bence Kapuvári, Christof Karmonik, Anikó Bohács, Krisztina Vincze, Noémi Eszes, Alexandra Nagy, Pál Maurovich-Horvát, Veronika Müller, Zoltán Takácsi-Nagy, Dávid László Tárnoki

PS-4 Session 155 12:30 - 14:00

Poster session: Improving outcome measurement in chronic lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Pulmonary function testing | Public health | Epidemiology | Imaging

Chairs : Dennis Jensen (Montreal (QC), Canada), Alda Marques (Aveiro, Portugal)

PA1982	**A New Parameter in the Six Minute Walk Test; Can Distance Desaturation Index predict survival in idiopathic pulmonary fibrosis?** Nisanur Tutus (İstanbul, Turkey), Elif Yıldırım, Neslihan Siyambas, Ipek Ozmen
PA1983	**Step by step: how dual-tasking affects balance in patients with severe COPD** Alexandru Florian Crisan (Timisoara (Timis), Romania), Camelia Corina Pescaru, Adelina Maritescu, Vlad Carunta, Roxana Ramona Onofrei, Emil Robert Stoicescu, Cristian Oancea

PA1984	**Is the 1-minute sit-to-stand test really useful for measuring exercise-induced desaturation in patients with chronic respiratory diseases?** Elena Gimeno-Santos (Barcelona, Spain), Xavier Alsina-Restoy, Pamela Kette, Yolanda Torralba, Claudia Moreno, Lurdes Planas, Fernanda Hernandez, Isabel Blanco, Jacobo Sellares
PA1985	**Validity of the FRAIL scale in COPD** Samantha Kon (Middlesex, United Kingdom), Tega Feludu, Jenni Wenneberg, Timothy Jenkins, George Edwards, Suhani Patel, William Man, Ruth Barker
PA1986	**Does chair height influence the one-minute sit-to-stand test in people with chronic respiratory diseases?** Santiago Larrateguy (Paraná, Argentina), Juan Bogado, Omar Tome, Matias Otto-Yañez, Rodrigo Torres-Castro
PA1987	**From perception to performance: exploring patient-reported outcomes and exercise capacity after pulmonary rehabilitation** Andreia Casimiro Daniel (Beja, Portugal), Gisela Gomes, Patrícia Martins, Maria Miguel, Marta Baião, Ana Gomes, Sílvia Rodrigues, Tiago Sequeira, Miguel Constante, Susana Clemente, Ana Rolo Duarte, Ana Borges, Filipa Todo Bom
PA1988	**Responsiveness of the Kansas City Cardiomyopathy Questionnaire (KCCQ) with Pulmonary Rehabilitation** William Man (Harefield, United Kingdom), George D Edwards, Tyra T Soe, Elizabeth Fleming, Melanie Palmer, Karen A Ingram, Timothy Jenkins, Heather Probert
PA1989	**Excessive central airways collapse: impact of diagnosis and supportive management on healthcare utilisation** Georgina McKenna (London, United Kingdom), Patrick Kerr, Jacob Beard, Emily Bartlett, David Watchorn
PA1990	**Validation of the hospital mobility scale for neurocritical patients** Adriana C. Lunardi (São Paulo (SP), Brazil), Lucas Lima Ferreira, Roberto Rodrigues Job Junior
PA1991	**Physical activity profiles across the spectrum of chronic airways disease: insights from a meta-analysis** Benjamin Griffiths (Leeds, United Kingdom), Reem Alajmi, Ian Clifton, Rebecca Birch, Daniel Peckham, Oliver J. Price
PA1992	**Sustained Maximal Inspiratory Pressure – A Future Prognostic Indicator in COPD Patients?** Filip Dosbaba (Brno, Czech Republic), Martin Hartman, Ladislav Batalik, Kristian Brat, Marek Plutinsky, Lawrence P Cahalin, Magno F. Formiga
PA1993	**The mobile COPD Status Test (mCST) – Evaluation of health status using clinical and digital measures in COPD patients** Tessa Schneeberger (Schönau am Königssee, Germany), Marc Schmoczer, Vladimir Poliakov, Dennis Hermann, Daniela Kroll, Inga Jarosch, Rainer Gloeckl, Tanja Goetz, Markus Horneber, Joachim H. Ficker, Rembert Koczulla
PA1994	**A nonexercise equation to predict oxygen consumption peak in chronic heart failure using: integrating clinical variables for prognostic assessment.** Audrey Borghi Silva (São Carlos (SP), Brazil), Samuel Montalvo, Jeffrey Christle, Jonathan Myers
PA1995	**The minimal important difference of real-world digital mobility outcomes in COPD** Anja Frei (Zürich, Switzerland), Julia Braun, Michael Long, Victoria Alcaraz, Paula Alvarez, Joren Buekers, Clemens Becker, Sarah Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Elena Gimeno-Santos, Nicholas S Hopkinson, Anisoara Ionescu, Carl-Philipp Jansen, Alicia Josa, Sarah Koch, Dimitrios Megaritis, Parris Williams, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Thierry Troosters, Judith Garcia-Aymerich, Milo Puhan
PA1996	**Diaphragmatic excursion: Measurement of outcomes from Pulmonary Rehabilitation** Farah Madhani-Lovely (Reno, United States), Nirmala Surapaneni, Lisa Preciado, Angelica Villa, Alexis Steele-Griffin, Kristen Gurnea, John Sabol
PA1997	**The impact of long-term conditions on pulmonary rehabilitation outcomes** James Manifield (Leicester, United Kingdom), Mary Godsal, Enya Daynes, Molly Baldwin, Nikki Gardiner, Sally J Singh
PA1998	**Difference in opinion? mMRC scored by clinicians or patients.** Eline Bij De Vaate (Leusden, Netherlands), Hieronymus W.H. Van Hees, Nordin Dahoum, Fabiënne Klaver, Nicoletta Morelli, Peter H.C. Klijn
PA1999	**Dysfunctional Breathing in Myasthenia Gravis: Preliminary Data** Rosario Di Marco (Cerda, Italy), Vincenzo Di Stefano, Filippo Brighina, Grazia Crescimanno
PA2000	**Late Breaking Abstract - Postural alterations and posturo-respiratory coupling changes in COPD patients with static hyperinflation: a biplanar EOS radiographic and motion analysis study** Rémi Valentin (Paris, France), Marie-Cécile Niérat, Baptiste Sandoz, Hélène Pillet, Thomas Similowski, Valérie Attali
PA2001	**Comparing incremental shuttle walk test distances with mMRC dyspnoea grades in COPD: Developing an emphysema pathway** Ketan Patel (London, United Kingdom), Kubra Boza, Deji Olajide, Arun Kumar, Marc Rodriguera, Richa Singh

PS-40 Session 156 12:30 - 14:00

Poster session: Working together to improve global respiratory health

Disease(s) : Airway diseases Thoracic oncology Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Public health Palliative care Pulmonary rehabilitation Physiology Pulmonary function testing

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Mattia Nigro (Milan, Italy), Chair to be confirmed

PA2002	**Global prevalence of and risk factors for preserved ratio impaired spirometry (PRISm): a systematic review and meta-analysis** Sohail Ferdous (Edinburgh, United Kingdom), wujian xu, Bo Peng, Ting Shi
PA2003	**Biopsychosocial determinants of frailty in chronic respiratory diseases: a cross-sectional analysis in Indians** Rohini Bhadra (Bengaluru, India), Annemie Schols, George D'Souza, Sumithra Selvam, Fathima Ayoob, Sucharita Sambashivaiah
PA2004	**The Pulmonary Hypertension Global Patient Survey (PH GPS): Group 2 & 3 PH** Katherine Bunclark (Cambridge (Cambridgeshire), United Kingdom), Joseph Newman, Hakim Ghani, Shiv Munagala, Gerald Fischer, Pisana Ferrari, Wendy Gin-Sing, Matt Granato, Luke Howard, Marcin Kurzyna, Gergely Meszaros, Eva Otter, Hall Skaara, Millicent Stone, Mark Toshner, Joanna Pepke-Zaba
PA2005	**Physical activity coaching for people with Long COVID: a pilot study** Nicola Sante Diciolla (Madrid, Spain), Alda Marques, Evelyn Alecto-Aznar, Ana Jiménez-Martín, María Torres-Lacomba, María José Yuste-Sánchez
PA2006	**External exposome and incident asthma across the life course in 14 European cohorts: the EXPANSE project** Zhebin Yu (solna, Sweden), Sara Kress, Natalia Blay, Petr Gregor, Hanna-Maria Kukk, Renata Majewska, Max J. Oosterwegel, Daniel Szabo, Margreet Ten Have, Janna Klánová, Miriam Leskien, Ondřej Mikeš, Anna Bergström, Alonso Bussalleu, Rafael De Cid, Andrea Daleck, Payam Dadvand, Saskia Van Dorsselaer, Kees De Hoogh, Gerard H. Koppelman, Jaanika Kronberg, Krista Fischer, Jeroen Lakerveld, Petter Ljungman, Simon Kebede Merid, Pawel Macek, Marta Manczuk, Anne-Sophie Merritt, Agnieszka Pac, Priit Palta, Göran Pershagen, Hynek Pikhart, Apolline Saucy, Tamara Schikowski, Youchen Shen, Marie Standl, Cathryn Tonne, Roel Vermeulen, Jelle Vlaanderen, Annette Peters, Judith M.Vonk, Kathrin Wolf, Carl Henrik Ek, Olena Gruzieva, Ulrike Gehring, Erik Melén
PA2007	**Respiratory health impacts of Indoor Environmental Quality, a scoping review** Jet Opbroek (Barcelona, Spain), Sarah Koch, Judith Garcia-Aymerich, Alan Dominguez, Alicia Josa Cullure, Mariona Font, Lidia Murillo, Theresa Pahrmann, Gabriela Peralta, Natalie Mueller
PA2008	**Assessing the quality of lung cancer screening guidelines: a systematic review and critical appraisal** Torsten Gerriet Blum (Berlin, Germany), Emily Senerth, Bhavya Abbi, Amyn Bhamani, Joana Catarata, Isabella Francesconi, Andres Mauricio Garcia Sierra, Georgia Hardavella, Miles Harder, Joanna Moes-Sosnowska, Sindhu Bhaarrati Naidu, Tejanth Sai Pasumarthi, Neha Tangri, Ilona Tietzova, Thorben Witte, Rebecca Morgan
PA2009	**From aspiration to reality: Implementing lung cancer screening in Europe** Charlotte Poon (, United Kingdom), Alejandra Martinez Zamora, Tim Wilsdon, Michael Hartevelt, Arnaud Papin
PA2010	**A systematic review and meta-analysis of palliative care interventions in lung cancer** Annie Walker (Adelaide, Australia), Donald Sullivan, Anne Holland, Phan Nguyen, Sarah Yeo, Amy Pascoe, Lorena Romero, Natasha Smallwood
PA2011	**The Effect Of Long-Term E-Cigarette Use On Inflammation Marker (Fractional Exhaled Nitric Oxide (Feno)): A Systematic Review and Meta-Analysis** Mohammed Almeshari (RIYADH, Saudi Arabia), Alhanouf Almutairi, Afaf Alrashdi, Salma Kaabi, Lujain Alfaiz, Rimas Almalki
PA2012	**Health risks of secondhand exposure to alternative tobacco products** Pedro Khouri (São Paulo, Brazil), Berrak Yildiz, Leyla Yashaeva, Melissa Montoya, Yulia Rosenfeld, Fernanda Gushken, Thiago Marques Fidalgo, Fernando Pereir Bruno, Luiza Helena Degani-Costa
PA2013	**Tobacco Point Of Sales Shadow Report: Changing Situation in Turkiye Between 2014-2024** Elif Dagli (Istanbul, Turkey), Ummuhan Pece Sonmez, Osman Elbek, Tanzer Gezer, Pinar Ay, Fusun Yildiz, Murat Guner
PA2014	**Country-Specific Differences in Age of Smoking Initiation Among COPD Patients in the European Mobilise-D study** Parris Williams (London, United Kingdom), Alexis Perkins, Sara Buttery, Keir Philip, Micheal Polkey, Laura Delgado, Joren . Buekers, Sarah Koch, Dimitrios Megaritis, Nikolaos Chynkiamis, Heleen Demeyer, Anja Frei, Henrik Watz, Ioannis Vogiatzis, Judith Garcia, Thierry Troosters, Nicholas Hopkinson
PA2015	**Improving Pneumococcal Vaccination Coverage in Adults: Results from international case studies** Zachary Desson (Brussels, Belgium), Rebecca Papp

PA2016	**The impact of group based asthma education programmes on unscheduled healthcare utilisation: A systematic review.** Johanna O'Callaghan (Swords (County Dublin), Ireland)
PA2017	**Understanding views and experiences of people living with chronic respiratory disease: An adapted photovoice study from rural India** BISWAJIT PAUL (Vellore, India), Sangeetha Ratnam, Sharon Jose, Rakesh Kumar, Ruby R, Hilary Pinnock, Hani Syahida Salim
PA2018	**Between-country variability in prognostic properties of exacerbation history in COPD** Mohsen Sadatsafavi (Vancouver (BC), Canada), Pierre-Régis Burgel, Christer Janson, Don Sin, Hana Mullerova, Surya Bhatt, Helen Reddel, Alberto Papi, Tae Yoon Lee
PA2019	**Cross-cultural and linguistic validation of a tool to help patients with COPD recognize the onset of an exacerbation** Tharishini Mohan (Kuala Lumpur, Malaysia), Stephen G. Noorduyn, Megan Turner, Ana Popielnicki, Jing Claussen, Mohamed Hamouda, Mandeep Moore, Tao Ye, Paul W. Jones
PA2020	**Antimicrobial resistance in chronic respiratory diseases: an AMR-Lung – ELF global patient survey** Efthymia Papadopoulou (Thessaloniki, Greece), Dominic L. Sykes, Pieter Goeminne, Ana Machado, Dareen Marghlani, Lisa Mcneil, Joyce Norwell, Cátia Paixão, Amelia Shoemark, Jeanette Boyd, Miquel Ekkelenkamp, Stephanie Thee, Anand Shah
PA2021	**Reconsidering time horizons for carbon footprint calculations on the brink of climate tipping points: Inhalers as a case study** Alexander Wilkinson (Hertfordshire, United Kingdom), Shelie Miller, Ashley Woodcock

PS-5 Session 157 12:30 - 14:00

Poster session: Implementing artificial intelligence and telemedicine in real-world routine care practices

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Public health | Epidemiology | Pulmonary function testing

Chairs : Omar MASROUR (Rabat, Morocco), Chair to be confirmed

PA2022	**Can AI convey empathy? A comparative analysis with physicians** Federico Donfrancesco (Roma, Italy), Jacopo Simonetti, Giacomo Sgalla, Bruno Iovene, Francesco Varone, Luca Richeldi
PA2023	**Language Models Lag Behind: Inconsistent Alignment with Recent Removal of Race from Clinical Algorithms** Amin Adibi (Vancouver, Canada), Mohsen Sadatsafavi
PA2024	**Generative artificial intelligence chatbots versus physicians on answering patients' questions about nosocomial pneumonia** Vitalii Poberezhets (Vinnytsia, Ukraine), Daryna Feshchenko, Nataliia Slepchenko
PA2025	**Performance of Generative Artificial Intelligence Chatbots on the Pulmonological Medical Licensing Testing** Vitalii Poberezhets (Vinnytsia, Ukraine), Yuliia Kyshchuk, Olha Melnyk
PA2026	**Real-World Evaluation of a Digital application for Severe Asthma Management in the NHS** Lauren Hudson (Oxford, United Kingdom), Guy Checketts, Hitasha Rupani, Alexandra Nanzerkelly, David Pettigrew, Tom Wilkinson, James Rose
PA2027	**Prospects for the widespread introduction of digital technologies in models of medical care for people with tuberculosis** Arianna Kravchuk (Kyiv, Ukraine), Oksana Ushakova, Yana Terleieva, Olga Gvozdetska, Oksana Rossovska, Yurii Varchenko, Olga Sakalska, Olesia Medvedieva, Liudmyla Prilepina, Janna Karpenko, Liubov Markovzii, Natalia Chursina, Liubomyr Rak, Olga Siomak
PA2028	**How could data science support routine asthma care: a qualitative interview study** Holly Tibble (Edinburgh, United Kingdom), Jaime Garcia Iglesias, Alexandria Chung
PA2029	**A new implementation research methodology to assess and improve usability of self-management products** Erika Kennington (London, United Kingdom), Ian Jarrold, Jenni Parker, Ali Fawkes, Rupert Tebb, Samantha Walker
PA2030	**Safety and reliability of information about bronchial asthma in social networks: a comparative analysis of Facebook and Instagram** Mariia Tsyben (Vinnytsya, Ukraine), Vitalii Poberezhets

PA2031	**Guidelines in clinical practice–inside from a German app-based guideline tool** Bjoern Frye (Freiburg, Germany), Andreas Hoheisel, Laura Potasso, Wolfgang Hanke, Thomas Köhnlein, Daiana Stolz, Regina Hanke
PA2032	**Evaluation of the quality of information on websites about asthma in children and its compliance with GINA 2024 Guidelines** Mariia Tsyben (Vinnytsya, Ukraine), Oleksandr Mazulov
PA2033	**Patterns of Digital Health Adoption in Pediatric Respiratory Care: A Cluster Analysis** Alessandra Pandolfo (Palermo, Italy), Andrea Perri, Amelia Licari, Velia Malizia, Giuliana Ferrante, Raffaella Nenna, Sara Manti, Valentina Lazzara, Omar Shatarat, Filippo Sapienza, Vito Rosario Michele Muggeo, Giovanni Viegi, Stefania La Grutta
PA2034	**Use of remote technologies in management of respiratory diseases in children from economically disadvantaged communities: A scoping review** Jui Prashant Andharia (Birmingham, United Kingdom), Derick Yates, Priti Kenia, Prasad Nagakumar
PA2035	**Development and implementation of digital remote care in COPD: A collaborative service model** Silje Bergersen (Skedsmokorset, Norway), Nina Mickelson Weldingh, Gunnar Einvik, Bendik Westlund Hegna, Christiane Kværner, Anne Edvardsen
PA2036	**A cross-sectional analysis of wearable device adoption and usage among western Europeans** Shuying Yu (San Diego, United States), Meredith Barrett, Ann Cameron, Graywyn Bareno, Xueling Zhu, Ross Deas, Elroy Boers, Kimberly Sterling, Leanne Kaye
PA2037	**Perspectives on contactless monitoring during sleep among patients with COPD: a qualitative study** Julie Egmose (Gistrup, Denmark), Pernille Heyckendorff Secher, Thomas Kronborg, Stine Hangaard
PA2038	**Contactless monitoring of vital signs during sleep for predicting COPD exacerbations: a case study** Julie Egmose (Gistrup, Denmark), Thomas Kronborg, Pernille Heyckendorff Secher, Stine Hangaard
PA2039	**Culture matters: A cross-country comparison in COPD patients of technology acceptance** Esther I. Metting (Groningen, Netherlands), Le Nguyen, Maelle Spiller, Lisayra Dassen
PA2040	**ERS CONNECT CRC: a peer-reviewed list of digital respiratory technologies** Isaac Cano (Vilanova del Camí, Spain), Tamara Vagg, Katherina Bernadette Sreter, Shane Fitch, Sinead O'Connor, Vishakha Kalpesh Kapadia, Oleksandr Mazulov, Shirley Quach, Amy Chan, Io Chi-Yan Hui, Kjeld Hansen, Hilary Pinnock
PA2041	**Late Breaking Abstract - Utilising real-world temporal home spirometry data for predicting asthma exacerbations** Zhendong Wang (Stockholm, Sweden), Magnus Jansson, Saikat Chatterjee, Henrik Ljungberg, Lynnea Myers, Ioanna Miliou, Björn Nordlund

PS-6 Session 158 12:30 - 14:00

Poster session: Lung physiology in interstitial lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Imaging | Physiology | Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care | Public health | Epidemiology | Transplantation

Chairs : Giovanni Cenerini (Livorno, Italy), Peter George (London, United Kingdom)

PA2042	**Transfer factor for carbon monoxide (TLCO) and Krogh factor (KCO) in kyphoscoliosis and interstitial lung disease (ILD)** Eric Derom (Ghent, Belgium), Léo Malice, Robin Willems, Sven Verschraegen, Geert Van Pottelberge
PA2043	**Resting lung volumes in mild to severe fibrosing ILD: implications for dyspnoea and exercise tolerance** Alessandro Porcella (roma, Italy), Guilherme Back, Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Reggie Morris Smyth, Mathieu Marillier, Matthew James, Sandra Vincent, Nicolle Domnik, Audrey Borghi-Silva, Onofre Moran-Mendoza, Paolo Palange, Denis O'Donnell, J. Alberto Neder
PA2044	**Supranormal peak flow in ILD** William Shotton (Cambridge, United Kingdom), Benjamin Knox-Brown, Karl Sylvester
PA2045	**Mediating role of interstitial lung abnormalities in the association between MUC5B genotype and exercise physiology** Yashar Ebadi (Montreal, Canada), Miranda Kirby, Dennis Jensen, Dany Doiron, Wan Tan, Jean Bourbeau, Benjamin Smith, Deborah Assayag
PA2046	**Unraveling the effects of nasal high-flow O2 therapy on exercise tolerance and dyspnea in fibrotic interstitial lung disease** Sarah Thivent (Montboucher sur Jabron, France), Marylise Ginoux, Samuel Verges, Frédéric Hérengt, Mathieu Marillier

PA2047	**Cardiopulmonary exercise testing (CEPT) sheds light on interstitial lung disease (ILD) - a decade of insights** Carolina Mariana Da Silva Alves (Caparica, Portugal), Susana Clemente, Liliana Gomes, Jorge Rosa, Sílvia Rodrigues, Filipa Todo Bom
PA2048	**Association Between the Cross-Sectional Area of Erector Spinae Muscles and the Development of Lung Cancer in Patients With Combined Pulmonary Fibrosis and Emphysema** Tatsuhiro Furuyama (nara, Japan), Kazuya Tanimura, Kazuki Ota, Ichiro Sato, Shin Furutaka, Nobuhiro Fujioka, Yukio Fujita, Yoshifumi Yamamoto, Shigeto Hontsu, Toshihiro Ito, Shigeo Muro
PA2049	**A novel Forced Oscillation Technique parameter, arctan(X5/R5), as an independent prognostic index in interstitial pneumonia** Shin Furutaka (Kashihara, Nara, Japan), Kazuya Tanimura, Kazuki Ota, Tatsuhiro Furuyama, Ichiro Sato, Aya Yamada, Ryosuke Taiji, Yukio Fujita, Yoshsfumi Yamamoto, Sigeto Hontsu, Motoo Yamauchi, Shigeo Muro
PA2050	**Oxygen supplementation reduces arterial stiffness at rest and during exercise in patients with idiopathic pulmonary fibrosis** Konstantina Dipla (Serres, Greece), Afroditi Boutou, Spyridon Kaitalidis, Aikaterini Markopoulou, Athanassios Zacharias, Christina Rampiadou, Stavros Papadopoulos, Stella Kritikou, Georgia Kounti, Diamantis Chloros, Ioannis Stanopoulos, Andreas Zafeiridis, Georgia Pitsiou
PA2051	**Early detection of small airway disease in rheumatoid arthritis** Thông Hua-Huy (Paris, France), Hà Pham-Ngoc, Stéphane Hilliquin, Frédérique Aubourg, Nhat-Nam Le-Dong, Sven Günther, Nicolas Roche, Jérôme Avouac, Yannick Allanore, Anh Tuan Dinh-Xuan
PA2052	**Prognostic significance of KCO impairment in patients with fibrosing ILD** Artur Zanelatto Santos (Porto Alegre, RS, Brazil), Franciele Plachi, Alice Scussel, Nathalia Galvagni Rodrigues, Amanda Calage Pinto, Fernanda Oliveira Baptista Da Silva, Frances Kopplin Crespo, Marcelo Basso Gazzana, Danilo Cortozi Berton
PA2053	**Understanding exertional dyspnea and exercise intolerance in patients with early limited cutaneous systemic sclerosis** Andrew D'Souza (Edmonton, Canada), Kostiantyn Dmytriiev, Andrew Brotto, Desi Fuhr, Desiree Redmond, Sean Van Diepen, Jason Weatherald, Mohammed Osman, Michael Stickland
PA2054	**Optimisation of pulmonary function tests prior to stem cell transplant** Luke Hone (London, United Kingdom), William Ricketts
PA2055	**Functional exercise capacity in patients with pulmonary arterial hypertension: a retrospective study** Fernanda Lima (Ribeirão Preto, Brazil), Jéssica Perossi, Dayane Bazan, Thales Furquim, Janne Marques Silveira, Daniele Oliveira Dos Santos, Elaine Caetano Silva, Ada Clarice Gastaldi
PA2056	**Exertional oxygen consumption ability reflects ventilatory efficiency and is a prognostic factor in idiopathic pulmonary fibrosis** Keisuke Miki (Toyonaka, Japan), Ryosuke Nishijima, Yuka Nagata, Yuki Hara, Yasuhiro Mihashi, Takuro Nii, Takanori Matsuki, Kazuyuki Tsujino, Hiroshi Kida
PA2057	**Late Breaking Abstract - Assessing Chronic Lung Allograft Dysfunction (CLAD) Risk Using A Combined Physiology Score** Tadahisa Numakura (Toronto, Canada), Anne Fu, Joyce Wu, Jielin Yang, Anastasiia Vasileva, Ella Huszti, Chung-Wai Chow
PA2058	**Late Breaking Abstract - Are the acute effect of Respiratory Muscle Training on Blood Pressure Control Intensity Dependent?** Chul-Ho Kim (Rochester, United States), Dongwook Yeo, Jesse Schwartz, Dylan Leclair, Bruce Johnson
PA2059	**Late Breaking Abstract - Responder analysis of nalbuphine extended-release in refractory chronic cough: results from the RIVER phase 2a trial** Jacky Smith (Manchester (Greater Manchester), United Kingdom), Kenneth R. Chapman, Imran Satia, Émilie Millaire, Sean M. Parker, Lorcan Mcgarvey, Alyn Morice, Paul Marsden, Surinder S. Birring, Alice Turner, Margaret Garin, James Cassella
PA2060	**Late Breaking Abstract - Type 2 Inflammatory Diseases Coexisting with COPD: Insights from the BREATHE-IN Study** Patricia Sobradillo Ecenarro (Bilbao (Bizkaia), Spain), Bernardino Alcázar Navarrete, Myriam Calle Rubio, Jaime Espín, Montse García Victoria, José Luis López-Campos, Emilio Monte-Boquet, Paloma I. Palomo-Jiménez, Juan José Soler Cataluña, Marc Miravitlles
PA2061	**Late Breaking Abstract - The Role of Neutrophil PD-L1 on Acute Exacerbation of Chronic Obstructive Pulmonary Disease Patients** Wei Sun (Beijing, China), Chao Ren

PS-7 Session 159 12:30 - 14:00

Poster session: Noninvasive respiratory support in lung diseases and obesity: use in acute and chronic care

Disease(s) : Respiratory critical care | Sleep and breathing disorders | Airway diseases

Method(s) : General respiratory patient care | Epidemiology | Respiratory intensive care | Physiology | Pulmonary function testing | Imaging

Chairs : Claudio Rabec (Lausanne, Switzerland), Rebecca D'Cruz (London, United Kingdom)

PA2062	**Comparison between the initiation of long-term NIV after an acute episode or at steady state: a French SPLF-ANTADIR cohort analysis** Claudio Rabec (Lausanne, Switzerland), Bruno Ribeiro-Baptista, Antoine Cuvelier, Boris Melloni, Pierre Cervantes, Capucine Morelot, Maxime Patout, Marjolaine Georges, Sandrine Pontier, Anne Guillemot, Léo Grassion, Magalie Mercy, Frédéric Gagnadoux, Christophe Perrin, Franck Lavergne, Arnaud Prigent, Anne Mallart, Romain Kessler, Frédéric Claude, Laure Goubert, Hélène Prigent, Sandrine Jaffre, Anne Perel, Claudia Llontop, Kamila Sedkaoui, Jacqueline Delrieu, Jean-François Muir, Jésus Gonzalez-Bermejo
PA2063	**Body plethysmographic and pathophysiological characterization of the deventilation syndrome in COPD patients receiving home non-invasive ventilation** Maximilian Wollsching-Strobel (Köln, Germany), Maximilian Zimmermann, Doreen Kroppen, Daniel Majorski, Melanie Berger, Tim Mathes, Andreas Leha, Wolfram Windisch, Sarah Stanzel
PA2064	**Proposed minimal clinically important difference for the S3-NIV questionnaire in patients with COPD receiving HMV** Teresa Manuel Santos Cruz Machado (Vila Nova De Gaia, Portugal), Pedro Viegas, Leonor Roseta, Luísa Castro, Cátia Paixão, Cristina Jácome, Carla Ribeiro
PA2065	**Patient reported versus ventilator confirmed home NIV usage in a single centre.** Raicheal Woods (Newcastle Upon Tyne, United Kingdom), Hilary Tedd, Alison Armstrong, Patrick Browne, Anthony De Soyza, Benjamin Messer, Nicholas Lane
PA2066	**Non-Invasive Ventilation and Upper Airway Disorders: Allergic Rhinitis as an Example** Nour Kallel (Sfax, Tunisia), Rahma Gargouri, Heni Abdelhedi, Rim Khemakhem, Sameh Msaad, Nedia Moussa, Samy Kammoun
PA2067	**Indications and survival in patients receiving post-acute home non-invasive ventilation (NIV)** Aylin Özsancak Uğurlu (Birmingham, United Kingdom), Alastair Watson, Saboor Zulfiqar, Juhi Jain, Amy Oakes, Rahul Mukherjee
PA2068	**Intersex differences in clinical outcomes in patients with COPD receiving long term Noninvasive ventilation** Dilanka Tilakaratne (Manchester, United Kingdom), Andrew Bentley, Balazs Csoma, Andrew Chai, Zsofia Lazar, Andras Bikov
PA2069	**Adherence and persistence to long-term non-invasive ventilation in home-treated patients with COPD.** Line Hust Storgaard (Aabybro, Denmark), Anne-Mette Meldgaard, Ulla M. Weinreich
PA2070	**Clinical experiences in the management of COPD patients receiving long-term home non-invasive ventilation: a European survey** Scott Gibson (Norderstedt, Germany), Claudia Crimi, Annalisa Carlucci, Simon Oczkowski, Jean-Louis Pépin, Sarah Alami
PA2071	**Non-Invasive Ventilation Transport. Insights from International practice and new technology.** Antonio M. Esquinas (Murcia, Spain), Satheesh Munusamy, Francisco J. Gil Martín, Asier Losada Carballo, Francisco J..Javier Lucas Galán, José Carretero Jiménez, Iñaki Molina, Fernado Jose Sotos Solano, Lucia Maiquez Sanchez, Bushra Mina, Alejandro Ubeda
PA2072	**Atelectesis on chest CT is associated with worse outcomes in patients with COPD using long-term NIV** Nazhrah Al Ieman Haji Mostapha (Bolton, United Kingdom), Balazs Csoma, Andrew Chai, Eleanor Croft, Zsofia Lazar, Andrew Bentley, Andras Bikov
PA2073	**Mortality impact of long-term home NIV in COPD patients with versus without OSA** Jean-Louis Pepin, Eleonore Herquelot, Helene Denis, Maxime Patout, Anne Josseran, Florent Lavergne, Aurelie Schmidt, Atul Malhotra, Peter Cistulli, Alain Palot, Arnaud Prigent
PA2074	**Inspiratory laryngeal observations during non-invasive ventilation titration in individuals with COPD** Anne Kristine Brekka (Nedenes, Norway), Petrine V. Solli, Solfrid Indrekvam, Merete S. Engeset, Ola D. Røksund, Sverre Lehmann, Hege Clemm, Thomas Halvorsen, Patrick Murphy, Maria Vollsæter, Tiina Andersen

PA2075 **Predictors of survival and NIV response in patients with bronchiectasis and chronic respiratory failure: insights from a retrospective study**
Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Adelina Amorim, Anabela Marinho, Miguel Gonçalves, Maria Jacob

PA2076 **Home long-term oxygen and mechanical ventilation therapy (OHMVAT) in adults with obstructive lung disorders in Turkey: a multicenter, prospective, real life study**
Sinem Güngör, Eylem Tunçay, Büşra Ergeç Özmen, Nazlıcan Yıldırım, Feride Marim, Buğra Kerget, Alperen Aksakal, Ramazan Eren, Tuğba Kara, Hülya Deniz Mısır, Emine Afşin, Furkan Küçük, Ülku Durak, Aylin Pıhtılı, Elif Yelda Niksarlioglu, Şeyma Tunç, Bilkay Serez Kaya, Esra Temel, Mehmet Hakan Bilgin, Ozlem Yazicioglu Mocin, Buket Mermit, Ayşegül Tomruk Erdem, Ege Güleç Balbay, Esra Akkütük Öngel, Şerif Kurtuluş, Irem Serifoglu, Dorina Esendağlı, Mehmet Ali Habeşoğlu, Aslıhan Gürün Kaya, Ebru Ortaç Ersoy, Ayten Odabaş, Nazli Cetin, Fatih Alaşan, Esat Kıvanç Kaya, Özkan Devran, Meltem Tor, Aslı Gorek Dilektasli, Akın Kaya, Ezgi Ozyilmaz, Begüm Ergan, Aylin Özsancak Ugurlu

PA2077 **Efficacy of high flow nasal cannula versus non invasive ventilation bilevel positive airway pressure in acute exacerbation of chronic obstructive pulmonary disease-a randomized control study**
PRAVEEN RADHAKRISHNAN (PUDUCHERRY, India), Yuvarajan Sivagnaname, Srinath Sudharsan

PA2078 **Comparison between high flow nasal oxygen therapy and non-invasive ventilation in the treatment of acute hypercapnic respiratory failure: a systematic review and meta-analysis**
Jonni Fay Teves (Quezon City, Philippines), Mithi Kalayaan Zamora

PA2079 **iVAPS versus S/T mode as a non-invasive weaning strategy in post-extubation COPD patients: Pilot randomized control trial**
Prakhar Sharma (Rishikesh, India), Saikat Banerjee, Ganesh Sanjan, Prakash Sivaramakrishnan, Deepansh Gupta, Suyash S. Rathore, Shivam Garg

PA2080 **Anxiety and depression in patients requiring NIV for ECOPD**
Muhammad Hashim Naseer (Newcastle Upon Tyne, United Kingdom), Karen Brewin, Eduwin Pakpahan, Stephen Christopher Bourke

PA2081 **Evaluation of NIVO score for real-life outcomes in patients with exacerbation of COPD receiving ward-based non-invasive ventilation (NIV)**
Aylin Özsancak Uğurlu (Birmingham, United Kingdom), Ravi Ketan Bange, Sridiyareddy Yangannagari, Madeeha Ahmed, James Cooper, Louise Charalambous, Rahul Mukherjee

PS-8 Session 160 12:30 - 14:00

Poster session: Innovations in acute lung injury mechanisms

Disease(s) : Pulmonary vascular diseases Respiratory critical care Airway diseases

Method(s) : Cell and molecular biology Physiology Respiratory intensive care General respiratory patient care Public health Pulmonary function testing

Chairs : Raquel Guillamat Prats (Badalona, Spain), Chair to be confirmed

PA2082 **Identification of a natural drug that covalently targeting NLRP3 alleviates sepsis-induced ARDS**
Haowen Xu (Hangzhou, China), Lingxiao Xiong, Weifeng Li, Zhiyu Liang, Zhaocai Zhang

PA2083 **Functional heterogeneity of lysine lactylation of RNA splicing factors in ALI/ARDS**
Linfeng Wu, Renhui Huang, Changhao Ren, Shaoyuan Zhang, Jun Yin, Lijie Tan, Tian Jiang

PA2084 **ZBTB7B orchestrate the macrophage pyroptosis and facilitates the inflammatory injury of septic ARDS**
Dongyang Zhao (Shanghai, China), Jinlu Ji, Fanyu Kong, Lunxian Tang

PA2085 **Clustering endotypes of ARDS for the outcomes**
HONGLONG JI (Maywood, United States), Nan Xi, Angelos Vasilopoulos, Runzhen Zhao

PA2086 **Deubiquitinase VCPIP1 modulates the activation of NLRP3 inflammasome in septic ARDS**
Haowen Xu (Hangzhou, China), Weifeng Li, Yao Lin, Zhaocai Zhang

PA2087 **Metabolic crosstalks: upregulated PARK7 due to histone lactylation rescues inhibited FADS1/2 of endothelial cells in acute lung injury**
Jian Xu (Shanghai, China), Yuhan Wang, Yuanlin Song

PA2088 **Phenotyping the heterogeneity of Acute Respiratory Distress Syndrome (ARDS) to test new pro-reparative treatments in human preclinical models**
Tom Voisin (Montréal, Canada), Camille Boisson, Katherine Coutu-Beaudry, Emmanuel Charbonney, Damien Adam, Emmanuelle Brochiero

PA2089 **G-protein coupled receptor (GPR)55 deficiency protects lung damage by regulating neutrophil activation in an LPS-acute lung injury mouse model**
Paula Goncalves Romeu (Badalona, Spain), Guo Li, George Shakir, Mónica Matute, Toni Marín, Marina Galdeano, Irene Aldàs, Alba Herraiz, José María Hernández, Lourdes Fluvià, Sabine Steffens, Raquel Guillamat-Prats

PA2090 **Artemin inhibits pulmonary inflammation of acute lung injury by inhibiting Saa3+ macrophages through HIF-1α induced glycolysis**
Qiao Zhou (ChongQingChina, China)

PA2091 **An evaluation of Tie2 mRNA as a potential therapeutic for ventilator-induced lung injury**
Shanshan Du (Galway, Ireland), Sean Mccarthy, Claire Masterson, Juan Fandino Gomez, Ignacho Sallent, Abigial Warren, Lanzhi Liu, Daniel O'Toole

PA2092 **Acute Lung Injury Induced by Saturated Fatty Acid Deficiency**
Tomoyuki Suzuki (Tokyo, Japan), Takao Shimizu, Hideo Shindou

PA2093 **HK2-Mediated Mitochondrial Glycolysis and Mitophagy Drive Hypoxic Alveolar Epithelial Injury in High-Altitude Pulmonary Edema**
Bi Ran (Chengdu, China), Jun Chen, Tao Wang, Lei Chen, Fuqiang Wen

PA2094 **Vascular endothelial growth factor isoform VEGF165b mediates the reduction of pulmonary vascular endothelial permeability in acute lung injury**
JIA DENG (Guangzhou, China), Tao Wang

PA2095 **Inflammation to Regeneration: The PARP1/miR-135a-5p Paradigm in Sepsis-induced Acute Lung Injury**
Salman Khan (New Delhi, India), Almaz Zaki, Aman Khan, Syed Mansoor Ali

PA2096 **An ATP6V0C–HIF-1α positive feedback loop that aggravates acute lung injury**
Yunfan Hu, Ying Wang, Renhui Huang, Changhao Ren, Linfeng Wu, Shaoyuan Zhang, Mingxiang Feng, Jun Yin, Lijie Tan, Tian Jiang

PA2097 **ITIH4/MALAT1 pathway mitigates the pulmonary severity of acute respiratory distress syndrome**
Yu-Syuan Shih (Taipei, Taiwan), Hsiao-Chi Chuang

PA2098 **Endothelial Sema6A promotes acute lung injury via PlexinA2-dependent vascular leakage**
Renhui Huang (Shanghai, China), Zhiwang Zhao, Linfeng Wu, Changhao Ren, Shaoyuan Zhang, Jun Yin, Lijie Tan, Tian Jiang

PA2099 **Toxicological Impact of Benzo[a]pyrene (B[a]P) in Airway Epithelial Cell Models (NHBE and SAEC) Cultured Under the Air-Liquid Interface (ALI): A Potential Alternative to Animal Testing**
Jeong-Woong Park (Incheon, Republic of Korea), Eun Suk Son, Sun Young Kyung, Sung-Woo Park, Young Eun Lee, So Young Park, Sung Hwan Jeong

PA2100 **Frequent exacerbations and mucus-metabolic dysfunction characterizes an Asian subgroup with 'high-risk' COPD**
Kai Xian Thng (Tampines, Singapore), Oliver Ward Meldrum, Pei Yee Tiew, Huiying Xu, Jayanth Kumar Narayana, Fransiskus Xaverius Ivan, John A. Abisheganaden, Sanjay H. Chotirmall

PA2101 **Dysbiosis caused by extreme temperature in mice lung**
Zakari Abubakar (Dutse, Nigeria), Jer-Hwa Chang, Hsiao-Chi Chuang

PS-9 Session 161 12:30 - 14:00

Poster session: Metabolic pathways in lung diseases

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases | Thoracic oncology | Respiratory critical care

Method(s) : Cell and molecular biology | Epidemiology | Physiology | General respiratory patient care | Imaging | Pulmonary function testing | Respiratory intensive care

Tag(s) : Translational

Chairs : Charalambos Michaeloudes (Nicosia, Cyprus), XINHUI WU (Winnipeg, Canada)

PA2102 **Cholesterol is more than an innocent bystander in pulmonary fibrosis**
Marissa O'Callaghan (County Cork, Ireland), Lucas Dantas, Ediga Harshavardhana, Evelyn Lynn, Aurelie Fabre, Elizabeth F Redente, James P. Bridges, Satish Madala, Michael Keane, Elizabeth J Tarling, Cormac Mccarthy

PA2103 **LRP1 DEFICIENCY CHANGES LIPID METABOLISM AND AGGRAVATES LUNG FIBROSIS**
Malgorzata Wygrecka (Gießen, Germany), Lukasz Wujak, Valentina Biasin, Stefan Hadzic, Rubio Karla, Thomas Eichmann, Wolfgang Sattler, Stefan Günther, Ioannis Alexopoulos, Guillermo Barreto, Olivia Merkel

PA2104	**Discovery of anti-fibrotic metabolite-sensing G protein-coupled receptors in human lung fibroblast; GPR40 agonist attenuates fibroblast activation and EMT via inhibition of TGF-β receptor signaling.** Aekkacha Moonwiriyakit (Bangkok, Thailand), Janjira Prasomthong, Chatchai Muanprasat
PA2105	**Identification of HSPG2 as a key gene modulating fatty acid metabolism in chronic thromboembolic pulmonary hypertension through multi-omics analysis** Lu Sun (Beijing, China), Xincheng Li, Han Tian, Jixiang Liu, Xiaofan Ji, Shiqing Xu, Peiran Yang, Zhenguo Zhai, Chen Wang
PA2106	**Phytosphingosine alleviates cigarette smoke-induced bronchial epithelial cell senescence in experimental COPD by targeting FFAR4** Yuan Zhan (Chongqing, China)
PA2107	**Retinoic acid metabolism inhibits the activation of fibroblasts and the progression of idiopathic pulmonary fibrosis by activating the RA/RAR-RXR/NRF2 signaling axis** Yang Wang, Shenghui Li, Xiucheng Liu, Chang Chen
PA2108	**Airspace monocytes can be metabolically targeted to improve phagocytosis in lung myeloid cells.** Laura Gleeson (, Canada), Karen Slattery, Aisling Newing, Suzanne Cloonan
PA2109	**Extracellular vesicles mediate macrophage dysfunction and metabolic reprogramming in idiopathic pulmonary fibrosis** Charlie Mafham (Birmingham, United Kingdom), Katie Spencer, Ellen Jenkins, Louise Crowley, David Thickett, Dhruv Parekh, Aaron Scott, Rahul Mahida
PA2110	**Hypoxic conditions alter alveolar macrophage metabolism and function: implications for lung fibrosis** Ellen Jenkins (Birmingham, United Kingdom), Katie Spencer, David Thickett, Dhruv Parekh, Aaron Scott
PA2111	**Association of Pulmonary Function, Gut Microbiota, and Amino Acid Metabolism in COPD Patients.** Durdona Saipova (Tashkent, Uzbekistan)
PA2112	**Metabolic activity of alveolar macrophages in bronchoalveolar lavage fluid in interstitial lung disease.** Takafumi Yorozuya (Sapporo, Japan), Atsushi Saito, Tatsuya Sato, Miki Yamaguchi, Masami Kameda, Yuji Sakuma, Koji Kuronuma, Hirofumi Chiba
PA2113	**Modulating the Lipofibroblast-to-Myofibroblast transdifferentiation: role of perilipin-1 (PLIN1) in lung fibrosis.** Elena Ortiz Zapater (Valencia, Spain), Miriam Martínez-García, Jose Antonio Fernández-Pérez, Diego Argilés, Juan R Viña, Rosa Zaragozá
PA2114	**Adipose tissue deposition in lungs of patients with IPF** Wenying Lu (Newnham, Australia), Affan Mahmood Shahzad, Josie Larby, Maddison Waters, Melinda Wilson, Jade Jaffar, Glen Westall, Darren Sutherland, Greg Haug, Tillie L Hackett, Sukhwinder Singh Sohal
PA2115	**Individualized serum proteomic and metabolomic analyses identify molecular features for phenotyping chronic obstructive pulmonary disease** Chia-Li Han (Taipei, Taiwan), Wen-Yi Liu, Pei-Yu Hu, Kuan-Yuan Chen, San-Yuan Wang, Kang-Yun Lee
PA2116	**Fibroblasts and epithelial cells display conserved alterations in metabolic pathways in IPF** Sarah H. Forde (Dublin, Ireland), Julie C Worrell, Atia Batool, Megan Mckean, Niamh Boyle, Donal O'Malley, Helen O'Brien, Lisha Joshi, Kathryn Duvall, Madita Hovel, Christina Michalaki, Emily Calamita, Michael P. Keane, Philip L. Molyneaux, Cormac Mccarthy, Adam J. Byrne
PA2117	**Urine metabolomics and its correlation with FeNO in early school-aged children in the assessment of asthma for epidemiological purposes.** Kamil Barański (Katowice, Poland), Małgorzata Farnik, Małgorzata Kimsa-Furdzik, Bartłomiej Nowak, Piotr Nakiela, Jan Zejda, Grzegorz Brożek
PA2118	**Mitochondrial RNA modification rewires macrophage glutamine metabolism to promote septic ARDS** Chunxue Wang (Shanghai, China), Fanyu Kong, Jinlu Ji, Dongyang Zhao, Lunxian Tang
PA2119	**Exploring cachexia in COPD and NSCLC: AI-driven body composition and transcriptomics analysis** Luca Peschkes (München, Germany), Thomas Melzer, Jeremias Götschke, Diego Erich Kauffmann-Guerrero, Pontus Mertsch, Amanda Tufman, Jan Halberstat, Elias Primerano, Leticya Melo, Jürgen Behr, Theodore S Kapellos
PA2120	**Human lung fibroblast polyamine metabolism is modulated through calcium-sensing receptor in autocrine manner** Polina Yarova (Newcastle upon Tyne, United Kingdom), Kasope Wolffs, Renjiao Li, Renata Z. Jurkowska, Harry Karmouty-Quintana, A. John Simpson, Jeremy P.T. Ward, Christopher J. Corrigan, Daniela Riccardi

PA2121	**The amino acid glycine attenuates airway hyperresponsiveness associated with T2 asthma** Amlan Chakraborty (Manchester, United Kingdom), Aleina Alex, Vishvangi Deugi, Minhui Zhong, Fariha Khanom, Angela Simpson, Benjamin Gaston, Julie Gibbs, Magdalena Plebanski, Hannah Durrington	

Forum — Session 163 — 12:45 - 13:45

Joint session: A year-in-review in bronchiectasis

Aims : to provide a detailed overview of the most significant advancements in bronchiectasis research, diagnostics and management over the past year, with input from both academic and industry perspectives; to highlight breakthroughs in understanding the pathophysiology of bronchiectasis, alongside cutting-edge diagnostic approaches and innovative therapeutic strategies, developed through academic-industry collaboration; to explore how the latest findings and technologies can be effectively translated into clinical practice, with a focus on improving patient outcomes and addressing real-world challenges; to identify priorities for future research and development, fostering dialogue and collaboration between academic researchers, healthcare professionals and industry stakeholders.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Michal Shteinberg (Haifa, Israel)

12:45	**Patient testimony** Justine Hamaïde (Paris, Île-de-France, France)	**2125**
12:50	**Phenotyping and endotyping bronchiectasis** Josje Altenburg (Amsterdam (NH), Netherlands)	**2126**
13:05	**Antibiotic treatment and exacerbations** Raja Dhar (Kolkata (West Bengal), India)	**2127**
13:20	**New therapies and clinical trials in bronchiectasis** Michael Loebinger (London, United Kingdom)	**2128**
13:35	**Discussion and Q&A** All speakers	**2129**

Studio — Session 167 — 13:00 - 13:45

Skills lab: Thoracic ultrasound for screening of interstitial lung disease

Aims : to explain the thoracic ultrasound (TUS) artifacts observed in patients with interstitial lung diseases (ILD); to show the workflow of a TUS examination; to familiarize the audience with current suggestions on the use of TUS for ILD screening

Disease(s) : Interstitial lung diseases

Tag(s) : Clinical

Chairs : Helmut Prosch (Wien, Austria)

13:00	**Thoracic ultrasound artifacts observed in patients with interstitial lung diseases** Helmut Prosch (Wien, Austria)	**2148**
13:10	**Workflow of a thoracic ultrasound examination** Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina)	**2149**
13:20	**Current suggestions on the use of thoracic ultrasound for interstitial lung disease screening** Jesper Rømhild Davidsen (Odense C, Denmark)	**2150**
13:32	**Discussion and Q&A** All speakers	**2151**

Auditorium — Session 168 — 13:45 - 14:30

Guidelines session: Telemedicine in home mechanical ventilation: what is the evidence and where do we go from here?

ERS Guidelines

Aims : Aims to present first guideline on the topic of the telemedicine that summarises the evidence and provides the structure for future research; to give an overview of current evidence and future perspectives.

Disease(s) : Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

13:45	**European Respiratory Society guideline on telemedicine in home mechanical ventilation** Claudia Crimi (Catania (CT), Italy)	**2152**
14:00	**Telemedicine in home mechanical ventilation: where do we go from here?** Maxime Patout (Paris, France)	**2153**
14:15	**Discussion and Q&A** Claudia Crimi (Catania (CT), Italy), Maxime Patout (Paris, France), Bruno Crestani (Paris, France), Anna Maria Hoffmann-Vold (Oslo, Norway)	**2154**

7A Session 169 13:45 - 15:15

Hot topics: Understanding disease variability and its impact on the management of obstructive sleep apnoea

Aims : to systematically analyse and critically discuss these different aspects of variability in OSA in relation to datasets, OSA markers, outcomes and residual OSA on treatment and its impact on outcomes, and to discuss the importance of considering variability for treatment concepts.

Disease(s) : Paediatric respiratory diseases Respiratory critical care Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Physiologist

Chairs : Sophia E. Schiza (Heraklion, Greece), Matteo SICILIANO (ROMA, Italy)

13:45	**How to characterise and address variability of OSA in various datasets** Jean-Louis Pépin (Grenoble, France)	**2155**
14:00	**Night-to-night variability in OSA severity parameters and its impact on treatment decisions** Silke Ryan (Dublin, Ireland)	**2156**
14:15	**Variability in responses to continuous positive airway pressure treatment regarding cardiovascular outcomes** Manuel Sanchez De La Torre (Toledo, Spain)	**2157**
14:30	**Variability in the residual apnoea-hypopnoea index under continuous positive airway pressure and its impact on clinical management** Maria Rosaria Bonsignore (Palermo, Italy)	**2158**
14:45	**Discussion and Q&A** All speakers	**2159**

Elicium 2 Session 170 13:45 - 15:15

State of the art session: Paediatric

Aims : to discuss important topics in paediatric respiratory medicin, such as post-infective bronchiolitis obliterans management, prematurity-associated respiratory disease , advanced interventional bronchoscopy in the management of children with complex airway diseases, as well as severe and difficult-to-treat asthma biologics and treatment.

Disease(s) : Airway diseases Paediatric respiratory diseases Sleep and breathing disorders

Method(s) : Endoscopy and interventional pulmonology Epidemiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Alice Hadchouel-Duvergé (Paris, France), Monika Gappa (Düsseldorf, Germany)

13:45	**Post-infective bronchiolitis obliterans** Speaker to be confirmed	**2160**
14:00	**Phenotype-based treatment of prematurity-associated respiratory disease** Marielle Pijnenburg (Rotterdam, Netherlands)	**2161**
14:15	**Advanced paediatric interventional bronchoscopy with a focus on cryotherapy** Dirk Schramm (Düsseldorf, Germany)	**2162**
14:30	**Asthma biologics: which to use for which patient, when to switch and when to wean/stop?** Sejal Saglani (London, United Kingdom)	**2163**
14:45	**Discussion and Q&A** All speakers	**2164**

5A Session 171 13:45 - 15:15

Symposium: A new era of endobronchial ultrasound and imaging in staging and treatment of lung cancer from a global perspective

Aims : to present significant changes in use of endobronchial ultrasound (EBUS) to clinical practice; to discuss new expectations from EBUS procedures that should enable not only more precise N1 staging but also tissue sampling for biomarker analysis; to discuss responses to new lung cancer treatment and possible complications in imaging studies; to point out differences in diagnosis and treatment of lung cancer in low- and middle-income countries.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Pathologist, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon

Chairs : Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Walter De Wever (Leuven, Belgium), Amanda Dandanell Juul (Odense S, Denmark)

13:45	**What are new needs in clinical practice for lung cancer diagnosis and staging in light of the updated 9th TNM edition for classification of lung cancer?** António Alexandre Pinto Bugalho De Almeida (Lisboa, Portugal)	**2165**
14:00	**New requirements in staging and restaging of mediastinum and lung cancer introduced by guided radiotherapy and neoadjuvant chemoimmunotherapy** Ales Rozman (Golnik, Slovenia)	**2166**
14:15	**Role of imaging in assessment of treatment responses and complications in patients undergoing new lung cancer therapies** Katarzyna Blasinska (Warsaw, Poland)	**2167**
14:30	**Obstacles, limitations and challenges in lung cancer diagnosis and management in low-to-middle-income countries: differences and similarities** Sabita Jiwnani (Mumbai, India)	**2168**
14:45	**Discussion and Q&A** All speakers	**2169**

5B Session 172 13:45 - 15:15

Hot topics: Respiratory infections: prevention is better than cure

Challenges of antimicrobial resistance and vaccination across global impact, diagnostics and novel therapeutic strategies

Aims : to raise awareness of the escalating global threat of antimicrobial resistance (AMR) and its implications for respiratory health; to explore innovative diagnostic strategies aimed at enhancing early detection of AMR in patients with respiratory infections; to discuss the latest advancements in therapeutic strategies for managing AMR in patients with respiratory diseases, focusing on novel promising treatments and approaches; to explain the critical factors involved in designing and implementing effective vaccination strategies for respiratory infections; to provide actionable insights that can be used to enhance vaccination uptake and effectiveness by addressing the timing of vaccination, the roles of multidisciplinary teams, innovations in vaccine technology and strategies to increase compliance; to provide practical tools and knowledge to support the implementation of innovative and inclusive vaccination strategies in clinical and public health settings.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Journalist

Chairs : Thomas Wilkinson (Southampton (Hampshire), United Kingdom), Chair to be confirmed

13:45	**The global impact of vaccination: insights from 50 years of immunisation**	**2170**
14:00	**How to increase uptake? Overcoming barriers and building trust** Marta Valente Pinto (Lisbon, Portugal)	**2171**
14:15	**Strengthening diagnostics in AMR** Andrea Gramegna (Milano (MI), Italy)	**2172**
14:30	**Addressing AMR with novel therapeutic strategies** Markus Fally (Copenhagen, Denmark)	**2173**
14:45	**Discussion and Q&A** All speakers	**2174**

5C Session 173 13:45 - 15:15

Symposium: Natural and man-made disasters: a new global norm?

Aims : to present the range of natural and man-made inhalational disasters that are presenting to physicians in general and respiratory healthcare professionals in particular; to identify the range of effects observed acutely and chronically in those affected; to identify the elements of a cohesive response, first and foremost from the perspective of respiratory healthcare professionals.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : Epidemiology | Public health | Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Rafael E. de la Hoz (New York, United States), Howraman Meteran (Hvidovre, Denmark), Ane Johannessen (Bergen, Norway)

13:45	**It's not all in the mind: airway effects of inhalation injuries in victims and responders** Christopher Carlsten (Vancouver (BC), Canada)	**2175**
14:00	**Climate change, wildfires and respiratory health: population-level perspectives** Fay Johnston (Hobart, Australia)	**2176**
14:15	**Toxic inhalation injuries: clinical experience in Turkey** Metin Akgün (Erzurum, Turkey)	**2177**
14:30	**Hospital management of severe respiratory injuries in inhalational disasters** Raquel Duarte (Porto, Portugal)	**2178**
14:45	**Discussion and Q&A** All speakers	**2179**

5D Session 174 13:45 - 15:15

Year in review: Scientific

Aims : to provide an overview of basic and translational scientific highlights and major achievements in the respiratory field within the past year, focusing on novel insights into interactions of structural lung cells within their environment, including mechanical aspects and interactions with immune cells obtained by innovative technologies such as spatial transcriptomics and proteomics; to provide an overview of various key publications that are expected to have a major impact in the respiratory field with high clinical relevance based on promising results in pre-clinical models; to cover a variety of pulmonary diseases, including asthma, bronchopulmonary dysplasia, chronic obstructive pulmonary disease, lung fibrosis and respiratory infections; to discuss the potential clinical translation of novel therapeutic strategies.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Paediatrician, Scientist (basic, translational)

Chairs : H. Irene Heijink (Groningen, Netherlands), Neeloffer Mookherjee (Winnipeg (MB), Canada), Theodore Kapellos (Munich, Germany)

13:45	**Profiling the spatial transcriptome and proteome in lung tissue** Tillie-Louise Hackett (Vancouver (BC), Canada)	**2180**
14:00	**Regulation of alveolar epithelial and mesenchymal responses of macrophages upon lung tissue injury** Sam Janes (London, United Kingdom)	**2181**
14:15	**Mechanosensing and abnormal epithelial damage and repair in respiratory disease** Jody Rosenblatt (London, United Kingdom)	**2182**
14:30	**Single-cell RNA sequencing to guide cell-based therapy** Ivana Mižik (Heidelberg, Germany)	**2183**
14:45	**Discussion and Q&A** All speakers	**2184**

G106/107 Session 177 14:00 - 17:30

Skills workshop: SW7 SW7: Diagnostic techniques in the assessment of sleep-disordered breathing

Additional registration is required for this session

Aims : to discuss various types of sleep studies including their advantages and disadvantages for the diagnosis of sleep-related breathing disorders; to systematically demonstrate the interpretation of poly(somno)graphs in adults and children using examples; to interpret poly(somno)graphy with or without capnometry under therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation) of a sleep-related breathing disorder.

Disease(s) : Paediatric respiratory diseases | Sleep and breathing disorders

Tag(s) : Clinical

14:00	**Different levels of sleep studies** Ludger Grote (Göteborg, Sweden)	**2192**
14:00	**Interpretation of poly(somno)graphy in adults** Carolina Lombardi (Milano (MI), Italy)	**2193**
14:00	**Interpretation of polysomnography/polygraphy in children** Refika Hamutcu Ersu (Ottawa, Canada)	**2194**
14:00	**Interpretation of sleep studies on positive airway pressure therapy (e.g., continuous positive airway pressure, adaptive support ventilation and non-invasive ventilation)** Alexandros Kalkanis (Leuven, Belgium)	**2195**

Elicium 1 Session 178 14:15 - 15:30

Oral presentation: Primary care perspective and management from acute to chronic respiratory diseases

Disease(s) : Airway diseases | Interstitial lung diseases

Method(s) : General respiratory patient care | Epidemiology | Public health

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom)

OA2196	**Late Breaking Abstract - Improving breathlessness diagnostics in primary care: the "Breathlessness Diagnostics in a Box" (BiaB) multi-country stepped-wedge RCT** Evelien Harms (Groningen, Netherlands), Marika T. Leving, Iris Van Geer-Postmus, Grietje H. Prins, Bernardino Alcázar-Navarrete, Rudolf A. De Boer, Ana M. Cebrián-Cuenca, Chris P. Gale, Huib A.M. Kerstjens, Fiona Mosgrove, Miguel Roman-Rodriguez, Richard E.K. Russell, Liliana Silva, Janwillem W.H. Kocks	
OA2198	**Perceived barriers and facilitators to managing psychological distress in COPD: The perspectives of patients and carers** Juliet Wang (Mebourne, Australia), Lena Ly, Elizabeth Barson, Natasha Smallwood	
OA2199	**Co-designing a primary care delivered, breathlessness, self-management intervention for people with chronic respiratory disease** Natasha Smallwood (Melbourne (VIC), Australia), Amy Pascoe, Lena Ly, Anna Spathis, Jennifer Philip, Lena Sanci	

OA2200	**COPD management and optimisation opportunities in Dutch primary care using the COPDOptimiser** Evelien Harms (Groningen, Netherlands), Marika Leving, Lars Dijk, Iris Van Geer-Postmus, Mona Al-Ahmad, Meilan Han, Ee Ming Khoo, Alberto Papi, Nicolas Roche, Hanna Sandelowsky, Claudia Vicente, Janwillem Kocks
OA2201	**Applying the Test of Adherence to Inhalers Toolkit to patients with COPD in Kyrgyzstan** Nurdin Shakiev (Bishkek, Kyrgyzstan), Aizhamal Tabyshova, Tursunai Turarova, Talant Sooronbaev, Job F.M. Van Boven
OA2202	**Over-reliance on short-acting beta-agonists (SABAs) in asthma; A mixed method study, in primary care, in Greece** Ioanna Tsiligianni (Heraklion (Crete), Greece), Siân Williams, Izolde Bouloukaki
OA2203	**Incidence of GP-attended respiratory syncytial virus (RSV), human metapneumovirus (HMPV) and human parainfluenza virus (HPIV) amongst high-risk patients in Europe** Alike van der Velden (Utrecht, Netherlands), Victoria Harris, Oliver Martyn, Christopher Butler
OA2204	**French CAPTURE screening tool for undiagnosed obstructive lung disease in primary care** Margaux Machefert (Le Havre, France), Clément Medrinal, Claire Dubois, Guillaume Galliou, Constance Graffin, Emilie Pichon, Fanny Laporte, Bouchra Lamia, Roger Hilfiker, Yann Combret, Guillaume Prieur
OA2205	**Burden and healthcare resource utilization across asthma severities** Lucia De Prado Gomez (Reading, United Kingdom), Asif H. Khan, Paul Rowe
OA2206	**Adherence to the Chronic Obstructive Pulmonary Disease Guidelines in Primary Care: the Greek COPD COCARE study** Izolde Bouloukaki (Heraklion (Crete), Greece), Stavroula Papageorgakopoulou, Ioanna Tsiligianni
OA2197	**Discussion and Q&A**

Forum — Session 179 — 14:15 - 15:30

Oral presentation: Severe asthma: from the underlying mechanism to clinical remission

Disease(s) : Airway diseases

Method(s) : Imaging Physiology Pulmonary function testing Cell and molecular biology Epidemiology General respiratory patient care Public health

Chairs : Stefania Principe (Utrecht, Netherlands), Fabio L. M. Ricciardolo (Torino, Italy)

OA2207	**Late Breaking Abstract - Cytokine micro-environment in moderate-to-severe asthma with airway autoantibodies** Nisarg Radadia (Hamilton, Canada), Sergey Fedosenko, Kayla Zhang, Sarita Thawanaphong, Jaime Bernaola, Kanika Tibriwal, Carmen Venegas Garrido, Melanie Kjarsgaard, Chynna Huang, Mohamed Salem, Lisa Harper, Katherine Radford, Parameswaran Nair, Manali Mukherjee
OA2209	**Mucus plugs correlate with small airway remodelling in Asthma: A multi-resolution study** Aileen Hsieh (Vancouver, Canada), Dragos M. Vasilescu, Jenna Barker-Mulleder, May Fouadi, Stacey Ledoux, David J. Erle, Maude A. Liegeois, John V. Fahy, Tillie-Louise Hackett
OA2210	**Evidence of efficacy of biologics in smokers with severe asthma in the SHARP CRC registry** Jérémy Charriot (Montpellier Cedex 5, France), Marco Caminati, Aruna Bansal, Shane Hanon, Florence Schleich, Sanja Popovic-Grle, Marina Lampalo, Celeste Porsbjerg, Arnaud Bourdin, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Giorgio Walter Canonica, Enrico Heffler, Cristina Cardini, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Jacob Sont, Piotr Kuna, Maria Morawska, Florin Mihaltan, Sanja Hromis, Peter Kopac, Valentyna Yasinska, Fabienne Jaun, Sabina Skrgat, Ratko Djukanovic, Bilun Gemicioglu
OA2211	**The depth at which nitric oxide is produced by the conducting airways in patients with asthma** Haopeng Xu (Oxford, United Kingdom), Lorenzo Petralia, Asma Alamoudi, Graham Richmond, Grant Ritchie, Ian Pavord, Peter Robbins, Nayia Petousi
OA2212	**Does the reversal of airway remodeling accompany asthma remission?** Ali Mozaffaripour (London, Canada), Sam Tcherner, Eveline Durom, Anurag Bhalla, Cory Yamashita, Grace Parraga
OA2213	**On the disposition of airway mucus-plugs in asthma before and after treatment** Eveline Durom (London, Canada), Sam Tcherner, Ali Mozaffaripour, Harkiran Kooner, Marrissa Mcintosh, Anurag Bhalla, Cory Yamashita, Grace Parraga
OA2214	**Tracking blood eosinophils over time: long-term trends in asthmatic patients from the COBRA cohort** Marina Guecamburu (Bordeaux, France), Fanchon Herman, Isabella Annesi-Maesano, Pascal Demoly, Camille Taillé, Jésus Gonzalez, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Joana Vitte, Patrick Berger, Maéva Zysman
OA2215	**Circulating microRNAs as potential tools for asthma diagnosis and asthma severity risk prediction.** Elena V. Vorobeva (Southampton, United Kingdom), Mohammed A. Kyyaly, Collin L. Sones, Peijun He, S. Hasan Arshad, Tilman Sanchez-Elsner, Ramesh J. Kurukulaaratchy

OA2216	**Psoriatic arthritis and bronchial asthma: a poorly investigated connection** Rubina Giulia Girolamo (Firenze, Italy), Chiara Allegrini, Alessia Catalisano, Martina Maria Marinato, Elisa Bentivegna, Greta Insalata, Alberto Bracciali, Luca Paita, Federico Lavorini, Gianna Camiciottoli
OA2217	**T2 biomarkers and remission state in severe asthma treated by biologics.** Mare Sabbe (Olne, Belgium), Catherine Moermans, Françoise Guissard, Virginie Paulus, Carole Sanchez, Florence Schleich, Christophe Desmet, Renaud Louis
OA2208	**Discussion and Q&A**

3A Session 180 14:15 - 15:30

Oral presentation: Combining old and new concepts in pulmonary function testing to better understand lung physiology across the ages

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Pulmonary function testing Epidemiology Physiology Imaging General respiratory patient care

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), James Dean (Holmes Chapel, United Kingdom)

OA2218	**Late Breaking Abstract - Innovating outpatient care: Clinical Scientist-led one-stop breathlessness clinics** Joanna Purvis (Nuneaton (Warwickshire), United Kingdom)
OA2220	**Evaluating the Impact of FeNO Testing as a Primary Diagnostic Tool for Asthma in a Respiratory Physiology Service** Charlotte Hurst (Stoke-on-Trent, United Kingdom), Ian Cliff, Elfatih Idris, Naveed Mustfa, Imran Hussain, Michael Hepple, Helen Stone
OA2221	**Comparisons of sulphur hexafluoride (SF6), helium (He) and nitrogen (N2) derived lung clearance index (LCI) in healthy subjects aged 7-70 years** Per M. Gustafsson (Skövde, Sweden), Mollie Riley, Fatma Aljassim, Anders Lindblad
OA2222	**Utilising 129Xe-MRI to determine an FEV1/FVC range of uncertainty to detect airways disease** Laurie Smith (Sheffield (South Yorkshire), United Kingdom), Helen Marshall, Sanja Stanojevic, Josh Astley, Demi Jakymelen, Alberto Biancardi, Guilhem Collier, Ho-Fung Chan, Paul Hughes, Martin Brook, Ryan Munro, Smitha Rajaram, Andy Swift, Dave Capener, Jody Bray, Jimmy Ball, Oliver Rodgers, Bilal Tahir, Madhewesha Rao, Graham Norquay, Nick Weatherley, Leanne Armstrong, Latife Hardaker, Hana Mullerova, Rod Hughes, Jim Wild
OA2223	**Impact of 2022 GLI race neutral reference values on spirometry diagnosed diseases** Martijn Cuijpers (Roermond, Netherlands), Richard Bonné, Ragnar Lunde, Herman-Jan Pennings
OA2224	**Reinterpreting pulmonary function tests: The clinical impact of shifting from race-specific to race-neutral reference equations** Rhys Tudge (Manchester, United Kingdom)
OA2225	**FEV1 % predicted vs % baseline in assessing bronchial hyperreactivity.** Saeeda Lone - Latif (Amsterdam, Netherlands), Patrick Jak, Rachel Salvador
OA2226	**Retrospective Validation of an AI-Based Spirometry Decision Support Tool in a COPD Diagnostic Pathway** Emma Giffen (Glasgow (Glasgow), United Kingdom), Dervla Carroll, Fergus Wilkie, Elena Smets, Karolien Van Orshoven, Marko Topalovic, Eve Walker, Anna Taylor, David Lowe, Chris Carlin
OA2227	**Validating a model for predicting exertional hypoxaemia in patients with interstitial lung disease.** Bryn Williams (BIGGLESWADE, United Kingdom), Rachel Lowry, Helen Parfrey, Dilwyn Marple-Horvat, Karl Sylvester
OA2228	**Drop in oscillometry measures of reactance correspond to drop in forced vital capacity in IPF** Joyce Wu (Toronto, Canada), Jielin Yang, Yushu Zou, Isabella Gouthro, William Matthew Binnie, Shane Shapera, Jolene Fisher, Micheal Mcinnis, Clodagh Ryan, Ella Huszti, Zoltán Hantos, Chung-Wai Chow
OA2219	**Discussion and Q&A**

3B Session 181 14:15 - 15:30

Oral presentation: The night watch: monitoring, surveillance and outcome in post-transplant patients

Disease(s) : Respiratory critical care Airway diseases Pulmonary vascular diseases Interstitial lung diseases

Method(s) : Respiratory intensive care Transplantation Pulmonary rehabilitation Imaging Cell and molecular biology Pulmonary function testing Endoscopy and interventional pulmonology Epidemiology

Chairs : Letizia Corinna Morlacchi (Milano (MI), Italy), Osnat Straichman (Petach Tikva, Israel)

OA2229	**Late Breaking Abstract - A Comparison of Patient Outcomes in Single and Bilateral Lung Transplantation for Emphysema and Interstitial Lung Disease: One Size Does Not Fit All** Jake Natalini (Philadelphia, United States), Luis Angel, Stephanie Chang, Allan Massie, Dorry Segev, Darren Stewart
OA2231	**Identifying leukocyte populations as biomarkers for chronic lung allograft dysfunction** Berta Saez Gimenez (Barcelona, Spain), Susana Gomez Olles, Meritxell Boada Pérez, Victoria Ruiz De Miguel, Oriol Grau-Bosch, Eva Revilla-López, Marta Zapata, Manuel Lopez Messeguer, Roser Escobar, Victor Monforte Torres, Cristina Berastegui
OA2232	**Artificial intelligence (AI)-based quantitative image analysis on vascular changes after lung transplantation: a pilot study** Dieuwertje Ruigrok (Utrecht, Netherlands), Leticia Gallardo-Estrella, Jean-Paul Charbonnier, Harm A.W.M. Tiddens
OA2233	**Surveillance bronchoscopy in asymptomatic transplant recipients as predictor of complications in the first year** Mattia Verardo (Torino, Italy), Silvia Zaffina, Mauro Mangiapia, Fulvia Ribolla, Michela Maria Bellocchia, Massimo Boffini, Rocco Francesco Rinaldo, Paolo Solidoro
OA2234	**Impulse Oscillometry- The Future In Post Lung Transplant Monitoring** Holly Le Winton (Cambridge, United Kingdom), Ben Knox-Brown, Syed Tousheed, Wendy Sherman, Karl Sylvester
OA2235	**Optimizing Ganciclovir and Valganciclovir Therapy in Lung Transplant Recipients: A Population Pharmacokinetic Approach** Eliska Dvorackova (Praha, Czech Republic), Danica Michalickova, Jakub Petrus, Eva Klapkova, Alzbeta Dutkova, Tereza Kotowski, Andrea Zajacova, Jan Havlin, Robert Lischke, Ondrej Slanar
OA2236	**Early liberation from mechanical ventilation after lung transplant surgery is associated with improved outcomes: An analysis of UNOS database.** Amit Banga (Palo Alto, United States), Gundeep Dhillon
OA2237	**The effectiveness of pulmonary rehabilitation in the lung transplantation process** Ipek Ozmen (süreyyapaşa ghh, Turkey), Elif Yıldırım, Nisanur Tutus, Neslihan Siyambaş, Mustafa Vayvada, Rüya Aydın, Murat Ozturk
OA2238	**Immune monitoring in lung transplantation using automated flow cytometry: Can it predict graft function?** Berber Zweers (Utrecht, Netherlands), Nienke Vrisekoop, Leo Koenderman, Bart Luijk
OA2239	**Nitrogen Washout (N_2WB): an added tool for lung transplant surveillance** Jaime Andrés Alvarado Castillo (Bogotá (Cundinamarca), Colombia), Theresa Gross, Gregor Krasagakis, Kateryna Gashynova, Benedikt Jentzsch, Ina Hettich, Björn Frye, Daiana Stolz
OA2230	**Discussion and Q&A**

Amtrium — Session 182 — 14:15 - 15:30

Oral presentation: Medical education, web, internet, ethics and economics

Disease(s) : Airway diseases | Thoracic oncology | Respiratory critical care

Method(s) : Imaging | Public health | Epidemiology | General respiratory patient care | Respiratory intensive care

Chairs : Stylianos Loukides (Athens, Greece), Chair to be confirmed

OA2240	**Late Breaking Abstract - Evaluating the accuracy of state-of-the-art large language models in answering asthma multiple choice and objective structured clinical examination questions** Pei Ye Li (, Canada), Andrew Kouri
OA2242	**A virtual reality-based intervention to enhance empathy in delivering bad news of lung cancer** Doron Cohn-Schwartz (Ramat Gan, Israel), Ella Cohn-Schwartz, Ophir Freund, Amir Bar-Shai, Nomy Dickman*, Yuri Perlitz*
OA2243	**Views of consent approaches used in emergency and critical care research: an ERS Clinical Research Collaboration rapid, systematic review of the acceptability of alternative consent models** Niamh Mahon (Dublin, Ireland), Leanne Hays, Eva Coy, Kate Ainscough, Aidan Burrell, Anthony Gordon, Bram Rochwerg, Brenda Lucas, Chun-Mei Wang, Dan Harvey, Dhruv Parekh, Ewan Goligher, Fiona Toal, Hiroki Saito, John Marshall, Jonathan Stewart, Nina Gobat, Steve Webb, Timo Tolppa, Icc-Ppi Group, Danny Mcauley, Alistair Nichol
OA2244	**“Caregivers should be recognised by society and receive support”: a French survey documenting the experiences and needs of caregivers and people with chronic respiratory diseases.** Sarah Gephine (Pérenchies, France), Frédéric Le Guillou, Manon Robic, Odile Sauvaget, Cécile Grosset, Jean-Marie Grosbois

OA2245	**Screening for COPD risk using self-reported breathlessness and respiratory health related quality of life: a cross-sectional survey analysis of 8779 respondents** Bernt Aarli, Odd Erik Johansen, Bjarte Nore, Kjell Garatun-Tjeldstø, Laxmi Bhatta, Marthe Gundersen
OA2246	**Thoracic ultrasound training for clinicians: An updated systematic review** Pernilla Borggaard (Horsens, Denmark), Christian D. Kildegaard, Christian B. Laursen, Rahul Bhatnagar, Giovanni Volpicelli, Pia I. Pietersen
OA2247	**The Current State of Ultrasound Training in Pulmonary Residency Programs: a Survey Study in the Netherlands** Wytze de Boer (Zwolle, Netherlands), Carlijn Veldman, Krista Parlevliet, Wouter Van Geffen, Mireille Edens, Jos Stigt, Dirk Jan Slebos, Marieke Duiverman
OA2248	**Ensuring consistency and fairness: Interrater reliability of the European Respiratory Society thoracic ultrasound Objective Structured Clinical Examination** Pia Iben Pietersen (Odense C, Denmark), Rahul Bhatnagar, Lars Konge, Christian B. Laursen, Casper Falster, Najib M. Rahman, Laurence M. Crombag, Anders Bo Nielsen
OA2249	**Benefits and workforce rewards from the ERS Connect Research network: Capturing the value of building international networks.** Nicola J. Roberts (Edinburgh, United Kingdom), Kate A. Lippiett, Lindsay Welch, Hilary Pinnock (on Behalf Of The Connect Network)
OA2250	**Artificial Intelligence in pulmonology: Transforming practice amid challenges and opportunities** sofia Farhat (agadir, Morocco), Nada Boutbagha, Hanane Ikrou, Salma Abrar, Younes Essaid, Abdelmajid Oulahbib, Oussama Halloumi, Selma Abdala, Hind Serhane
OA2241	**Discussion and Q&A**

Studio — Session 184 — 14:15 - 15:00

Experts interview: Identifying global threats to respiratory science

Aims : to examine ethical challenges in research publishing and financing that impact the integrity of respiratory science; to explore the risks posed by misinformation and identify effective strategies to counteract it; to engage in expert dialogue to reflect on current and emerging threats to the global respiratory research community.

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Eva Polverino (Barcelona, Spain)

14:15	**Ethical issues in research publishing and financing** Joel Kaufman (Seattle, United States)	**2252**
14:25	**The dangers and strategies of misinformation** Filippos T. Filippidis (Rickmansworth, United Kingdom)	**2253**
14:35	**Discussion and Q&A** All speakers	**2254**

Auditorium — Session 185 — 14:30 - 15:15

Guidelines session: Connective tissue diseases with interstitial lung involvement

European Respiratory Society/European Alliance of Associations for Rheumatology clinical practice guideline

Aims : to present clinical practice guidelines to standardise screening, diagnosis, treatment and follow-up of CTD-ILD that are highly important for optimised patient care.

Disease(s) : Respiratory critical care

Tag(s) : Clinical

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

14:30	**Screening and diagnosis of CTD-ILDs** Bruno Crestani (Paris, France)	**2255**
14:45	**Treatment and monitoring of CTD-ILDs** Anna Maria Hoffmann-Vold (Oslo, Norway)	**2256**
15:00	**Discussion and Q&A** Bruno Crestani (Paris, France), Anna Maria Hoffmann-Vold (Oslo, Norway), Claudia Crimi (Catania (CT), Italy), Maxime Patout (Paris, France)	**2257**

G104/105 Session 186 14:30 - 16:50

Skills workshop: SW5 SW5: Advanced interpretation of cardiopulmonary exercise testing

Additional registration is required for this session.

Aims : to discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop new skills and expertise in order to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop skills to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Chairs : William Stringer (Long Beach, United States)

14:30	**Assessing breathlessness** J. Alberto Neder (Kingston (ON), Canada)	**2258**
14:30	**Laryngoscopy during exercise: live demonstration** Hege Clemm (Paradis, Norway), Hayley Lewthwaite (Merewether, Australia)	**2259**
14:30	**Ventilatory efficiency and gas exchange** Pierantonio Laveneziana (Paris, France)	**2260**
14:30	**Dynamic hyperinflation and other respiratory measurements: live demonstration** Paolo Palange (Rome, Italy), Michele Schaeffer (Vancouver, Canada)	**2261**

ELF stand World village Session 187 15:00 - 16:00

Patient: Networking meeting for patient organisations and healthcare professionals

Aims : Come and network with patient organisations and patient advocates from across Europe. This is an informal session to learn more about patient organisations across Europe and beyond, network with professionals and learn more about the European Lung Foundation's activities.

	Networking meeting for patient organisations and healthcare professionals All speakers	**2262**

Studio Session 189 15:15 - 16:00

Experts interview: Tackling science threats: the way forward

Aims : to identify effective communication strategies tailored to diverse target audiences in respiratory science; to explore the role of social media in enhancing public engagement and combating misinformation; to encourage dialogue on innovative outreach approaches to strengthen trust in respiratory science globally.

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Eva Polverino (Barcelona, Spain)

15:15	**New strategies for communication with different target groups** Mary Rice (Boston, United States)	**2264**
15:25	**Speaking outside the bubble: social media presence and campaigns** Maria Neira (Geneva, Switzerland)	**2265**
15:35	**Discussion and Q&A** All speakers	**2266**

Auditorium Session 190 15:30 - 17:00

Hot topics: Current controversies in interstitial lung diseases

Aims : to discuss the most important controversies in the field of ILDs in order to improve future ILD management, for example: i) what is the most suitable therapy for sarcoidosis and is the treatment of fibrosing ILDs following a similar path to that of other diseases, such as pulmonary hypertension with combination therapies?; ii) significant controversy is the latest classification of interstitial pneumonia, which must be critically discussed, also with regard to the practical implementation of this recommendation

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Catharina C. Moor (Rotterdam, Netherlands), Antoine Froidure (Bruxelles, Belgium)

15:30	**The updated classification of interstitial pneumonias: practical or perplexing?** Christopher Ryerson (Vancouver (BC), Canada)	**2267**
15:45	**Optimised treatment of fibrosing ILDs: time for upfront antifibrotic combination therapy?** Michael Kreuter (Mainz, Germany)	**2268**
16:00	**Are steroids still the first-line therapy for pulmonary sarcoidosis?** Marlies S. Wijsenbeek (Rotterdam, Netherlands)	**2269**
16:15	**Which guideline to follow in CTD-ILDs? When guidelines and new trial results are conflicting and the patient needs treatment** Elisabetta Renzoni (London, United Kingdom)	**2270**
16:30	**Discussion and Q&A** All speakers	**2271**

7A Session 191 15:30 - 17:00

State of the art session: Sleep and breathing disorders

Central sleep apnoea: from pathophysiology over phenotypes to updated treatment recommendations. New recommendations for the treatment of central sleep apnoea

Aims : to present a new European Respiratory Society (ERS) statement on the treatment of central sleep apnoea (CSA) with adaptive servo-ventilation; to discuss the new treatment options for CSA in 2025.; to revise previous recommendations for treatment of celiac sleep apnoea syndromes. to update participants on the optimal treatment of patients with CSA.

Disease(s) : Pulmonary vascular diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist

Chairs : Sophia E. Schiza (Heraklion, Greece), Matteo SICILIANO (ROMA, Italy)

15:30	**Understanding the pathophysiology of CSA as the basis for treatment selection** Winfried J. Randerath (Solingen, Germany)	**2272**
15:45	**New ERS statement on the treatment of CSA with adaptive servo-ventilation** Esther Irene Schwarz (Zürich, Switzerland)	**2273**
16:00	**Managing treatment-emergent CSA: when and how?** Raphael Heinzer (Lausanne, Switzerland)	**2274**
16:15	**New interventional studies in other forms of CSA** Johan Verbraecken (Edegem (Antwerp), Belgium)	**2275**
16:30	**Discussion and Q&A** All speakers	**2276**

Elicium 2 Session 192 15:30 - 17:00

Clinical cases: Lungs on fire: Paediatric respiratory diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Alexander Möller (Zürich, Switzerland), Alice Hadchouel-Duvergé (Paris, France), Monika Gappa (Düsseldorf, Germany)

Discussants : Angela Zacharasiewicz (Wien, Austria), Erol Gaillard (Leicester, United Kingdom)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: O.V. Cerutti-Monteventi (Canada)** Angela Zacharasiewicz (Wien, Austria)	**2277**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: S.G. Abdelhady (Egypt)** Erol Gaillard (Leicester, United Kingdom)	**2278**

16:14	**Case 3 incl. panel discussion and Q&A - Submitter: M. Ryde (United Kingdom)** Angela Zacharasiewicz (Wien, Austria)	**2279**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: M. Engelkes (Netherlands)** Erol Gaillard (Leicester, United Kingdom)	**2280**

5A Session 193 15:30 - 17:00

Clinical cases: The world of imaging: working together

Aims : to present use of several imaging techniques performed by radiologists, clinicians or surgeons, based on clinical cases; to explain that imaging can be used not only for diagnostic purposes but also for guiding more interventional procedures.

Disease(s) : Respiratory critical care | Respiratory infections | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Walter De Wever (Leuven, Belgium), Amanda Dandanell Juul (Odense S, Denmark)

15:30	**Non-endoscopic ultrasound-guided thoracic intervention** Maged Hassan (Alexandria, Egypt)	**2281**
15:52	**Computed tomography-guided thoracic intervention** Helmut Prosch (Wien, Austria)	**2282**
16:14	**Morphological and functional imaging of the diaphragm** Tana Bupe Mwewa (Brussels, Belgium)	**2283**
16:36	**Computed tomography-guided endoscopy** Erik H.F.M. van der Heijden (Nijmegen, Netherlands)	**2284**

5B Session 194 15:30 - 17:00

Clinical trials session: Clinical trials session, ALERT 2: infections, lung cancer and respiratory symptoms management

Aims : The ALERT sessions (Abstracts Leading to Evolution in Respiratory Medicine Trials) showcase important and very late-breaking clinical trial data from all respiratory disease areas. Presenters, discussants, session chairs and the audience will actively discuss the showcased trials.

Disease(s) : Thoracic oncology | Airway diseases | Respiratory critical care | Interstitial lung diseases

Method(s) : Epidemiology | General respiratory patient care | Palliative care | Respiratory intensive care | Physiology

Tag(s) : Clinical

Chairs : Thomas Wilkinson (Southampton (Hampshire), United Kingdom), Chair to be confirmed

Discussants : Discussant to be confirmed

RCT2285	**RCT Abstract - Durvalumab, carboplatin, and etoposide in treatment-naïve patients with extensive-stage small cell lung cancer and poor performance status: A single-arm phase II NEJ045A study** Satoshi Watanabe (Niigata, Japan), Tetsuhiko Asao, Yu Saida, Akira Kisohara, Kazuma Kishi, Ryo Morita, Taku Nakagawa, Yoko Tsukita, Naoki Furuya, Taichi Miyawaki, Nobuhisa Ishikawa, Tadaaki Yamada, Takahiro Tanaka, Satoshi Morita, Toshiaki Kikuchi, Makoto Maemondo, Kunihiko Kobayashi	
RCT2286	**RCT Abstract - Effectiveness of hypertonic saline (HTS 6%) and carbocisteine in reducing bronchiectasis exacerbations (Results of the CLEAR randomised trial)** Judy M Bradley (BELFAST, United Kingdom), Brenda O'Neill, Danny Mcauley, James Chalmers, Anthony De Soyza, Adam T Hill, Mary Carroll, Michael Loebinger, Jamie Duckers, Mike Clarke, Rebecca Mcleese, Andrew Jackson, Christina Campbell, Clíona Mcdowell, Ashley Agus, John Norrie, Fiona Copeland, Damian Downey, Rory Convery, Martin Kelly, William Flight, Nick Talbot, John Hurst, John Steer, Muhammad Anwar, Mitra Shahidi, Timothy Gatheral, Mohamed Etumi, Anita Louise Sullivan, Andreea Alina Ionescu, Veeresh Patil, Milan Bhattacharya, Steven Caskey, Denise Cosgrove, Conor Hagan, Amelia Shoemark, Kathryn Ferguson, Terence Mcmanus, Gareth Davies, Stuart Elborn	
RCT2287	**RCT Abstract - Efficacy of inhaled nebulised unfractionated heparin to prevent intubation or death in hospitalised patients with COVID-19: a prospective international meta-trial of randomised clinical studies** Frank van Haren (Sydney, Australia), Sarah Valle, Ary Serpa Neto, Marcus Schultz, John Laffey, Antonio Artigas, Barry Dixon, Clive Page	

RCT2288	**Wrap-up by discussant and discussion**
RCT2289	**RCT Abstract - Morphine for chronic breathlessness (MABEL): a multi-site, parallel group, dose titration, double -blind, randomised, placebo-controlled trial.** Miriam Johnson (Hull (North Humberside), United Kingdom), Bronwen Williams, Catriona Keerie, Sharon Tuck, Simon Hart, Sabrina Bajwah, Nazia Chaudhuri, Mark Pearson, Judith Cohen, Rachael Evans, David C Currow, Irene J Higginson, Peter S Hall, Marek Atter, John Norrie, Marie T Fallon
RCT2290	**Late Breaking Abstract - Online cognitive behaviour therapy for anxiety in asthma: a randomised controlled trial** Marianne Bonnert (Stockholm, Sweden), Stephen Nash, Erik Andersson, Sten Erik Bergström, Jenny Görling, Christer Jansson, Josefin Särnholm, Catarina Almqvist
RCT2291	**The SINFONIA study: a phase III randomised controlled trial of an online group singing intervention for people with COPD or ILD.** Natasha Smallwood (Melbourne (VIC), Australia), Amy Pascoe, Nicole Goh, Stefanie Zappino, Sara Vogrin, Lena Ly, Catherine Buchan, Peter Hudson, Anna Spathis, Jennifer Philip
RCT2292	**Wrap-up by discussant and discussion** Speaker to be confirmed

5C Session 195 15:30 - 17:00

Mini symposium: A global perspective on occupational lung disease: moving from diagnosis to action

Aims : to highlight the global burden of occupational lung disease by focusing on silicosis and tuberculosis, occupational asthma, byssinosis and the sequelae of occupational lung disease in Asia and Africa; to describe regional differences and the impact of occupational lung disease in low- and middle-income countries, thereby raising the profile of occupational lung disease in these countries; to provide examples of interventions that mitigate the occupational lung disease risk by showcasing interventional trials of workplace educational interventions for byssinosis and pulmonary rehabilitation in miners with silico-tuberculosis; to promote global collaboration in occupational lung disease research by emphasising the benefits of international partnerships for advancing research and sharing data, especially in under-resourced settings; to provide a positive and constructive environment for early-career researchers to present their work, alongside expert presenters, and contribute to discussions on occupational lung diseases; to provide a platform for global collaboration via networking opportunities.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : Epidemiology | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Patient, Physician in Pulmonary Training, Journalist

Chairs : Rafael E. de la Hoz (New York, United States), Howraman Meteran (Hvidovre, Denmark), Ane Johannessen (Bergen, Norway)

15:30	**Silicosis and tuberculosis among small-scale miners** Patrick Howlett (LONDON, United Kingdom)	**2293**
15:45	**Reducing the respiratory effects of cotton dust exposure among textile workers** Asaad Ahmed Nafees (Karachi, Pakistan)	**2294**
16:00	**Work-related asthma in low- and middle-income countries** Mohamed Fareed Jeebhay (Cape Town, South Africa)	**2295**
16:15	**Discussion and Q&A** All speakers	**2296**

5D Session 196 15:30 - 17:00

Symposium: A breath of diversity: impact of biological sex on cellular and molecular mechanisms in respiratory disease

Translational science session

Aims : to enhance understanding of the influence of biological sex on metabolic processes and immune responses in driving sex dimorphism in respiratory disease, the role of sex steroids (hormones) and chromosomes in respiratory disease, and sex-related differences in proteins, signalling pathways, epigenetics and cellular crosstalk in respiratory disease.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Paediatrician, Pathologist

Chairs : H. Irene Heijink (Groningen, Netherlands), Neeloffer Mookherjee (Winnipeg (MB), Canada), Theodore Kapellos (Munich, Germany)

15:30	**Role of sex hormones in modifying immunometabolism, focusing on Th17- and interleukin-33-mediated airway inflammation** Dawn Newcomb (Nashville, United States)	**2297**
15:45	**Mechanisms of sexual dimorphism in cystic fibrosis** Chiara De Santi (Dublin, Ireland)	**2298**
16:00	**Implications of sex differences for clinical phenotyping and treatment of asthma and chronic obstructive pulmonary disease** Maarten van den Berge (Groningen, Netherlands)	**2299**
16:15	**STARSHIP: study of clinical measures of sex hormones in interstitial lung disease** Anna Duckworth (Exeter (Devon), United Kingdom)	**2300**
16:30	**Discussion and Q&A** All speakers	**2301**

Elicium 1 Session 199 15:45 - 17:00

Oral presentation: Advances in bronchiectasis: inflammation, infection and intervention

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Pulmonary function testing Pulmonary rehabilitation

Chairs : Stefano Aliberti (Milano (MI), Italy), Chair to be confirmed

OA2309	**Late Breaking Abstract - CSL787, a novel nebulized IgG therapy, in patients with bronchiectasis: a Phase 1 trial** Damian G. Downey (Belfast, United Kingdom), Andreas Eich, Dave Singh, Michael Larbig, Oliver Vit, Laurent Nicolas, James D. Chalmers
OA2311	**Efficacy and safety of brensocatib in patients with non-cystic fibrosis bronchiectasis by exacerbation history: Analysis of the ASPEN trial** Michael Loebinger (London, United Kingdom), Charles S. Haworth, David Mauger, Mark L. Metersky, James D. Chalmers, Melanie Lauterio, Xiangmin Zhang, Vivian H. Shih, Ariel Teper, Carlos Fernandez
OA2312	**A bispecific monoclonal antibody targeting Pseudomonas aeruginosa in bronchiectasis: results from the GREAT-2 trial** Merete Bridget Long (Dundee, United Kingdom), Rebecca C Hull, Amy Gilmour, Kateryna Viligorska, Hollian Richardson, Jaa Ming New, Chandani Hennayake, Rachel Galloway, Eve Mcintosh, Zsofia Eke, Holly Lind, Margaret Band, Hasi Bandara, Gillian Martin, Stefano Aliberti, Alan Timothy, Joyce Norwell, Joanna Whitehouse, Charlotte L Addy, Lydia Finney, Philip Mitchelmore, Steven J Caskey, Robert W Lord, Adam T Hill, Montserrat Vendrell, Eva Polverino, Alicia Marin, Guillermo Suarez-Cuartin, Michael R Loebinger, Michael Tunney, Karen Cartwright, Rod Hughes, Antonio Digiandomenico, Maria G Belvisi, Wayne Brailsford, Charles Haworth, Oriol Sibila, Jamie Stobo, James D Chalmers
OA2313	**Airway epithelial integrity in bronchiectasis (BE): Preliminary data from the BRILLIANT study** Erin Cant (Dundee, United Kingdom), Morven Shuttleworth, Emma Johnson, Thomas Pembridge, Lucy Bidgood, Hollian Richardson, Jamie Stobo, Holly Lind, Kateryna Viligorska, Daniela Alferes Da Lima Headley, Rebecca Hull, Eve Mcintosh, Hannah Dickson, Qingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria Belvisi, Kristoffer Ostridge, Adnan Azim, Merete Long, James D Chalmers, Amelia Shoemark
OA2314	**Amplified aberrant small airway basal stem cells contribute to pathogenesis of bronchiectasis** Wei Rao (Hangzhou, China), xiaowen Zhang, Mingyuan Jin, Renfeng Zhang, Qi Su, Na Li, Qi Chen, Xiaomin Yu, Lanzhu Peng, Bingxin Lin, Nina Sun, Xinjin Shi, Xia Qiu, Yan Li, Qinqin Xu, Guan Li, Wenchao Li, Yue Liu, Feifei Song
OA2315	**Geographic variation and clinical correlates of the bronchiectasis mycobiome: Data from the EMBARC-BRIDGE study** Kai Xian Thng (Tampines, Singapore), Micheál Mac Aogáin, Tavleen Kaur Jaggi, Ser Hon Puah, Mariko Siyue Koh, Mau Ern Poh, Morven Shuttleworth, Merete B Long, Hollian Richardson, Holly Lind, Daniela Alferes De Lima Headley, Kara Robertson, Jennifer Pollock, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael R Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Amelia Shoemark, James D Chalmers, Sanjay H. Chotirmall
OA2316	**Characterising systemic inflammation in patients with bronchiectasis: data from the EMBARC BRIDGE study** Chloe Hughes (Dundee, United Kingdom), Merete, B Long, Kateryna Viligorska, Jamie Stobo, Pieter, C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles, S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix, C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, Faisel Khan, James, D Chalmers

OA2317	**The frequent exacerbator phenotype in bronchiectasis revisited: Data from the European Bronchiectasis Registry (EMBARC)** Oriol Sibila Vidal (Barcelona, Spain), Lidia Perea, Pierre-Régis Burgel, Eva Polverino, Michal Shteinberg, Jennifer Pollock, Jamie Stobo, Holly Lind, Charles S Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael R Loebinger, Rosario Mendez, Antoni Torres, Francesco Blasi, Montserrat Vendrell, Pieter C Goeminne, Felix C Ringshausen, Anthony De Soyza, Stefano Aliberti, James D Chalmers
OA2318	**Identifying Predictors of Response to Pulmonary Rehabilitation in Bronchiectasis: A Prospective Study** Ilaria Prete (Mogliano Veneto (TV), Italy), Maddalena Chizzolini, Giorgio Santelli, Giuseppe Zanardi, Virginia Santello, Daniele Previtero, Erica Bazzan, Umberto Semenzato
OA2319	**Transcriptomics of air-liquid interface epithelial cultures derived from bronchiectasis patients in the EMBARC-BRIDGE study reveals novel dysregulated pathways** Max Schwiening (CAMBRIDGE, United Kingdom), Daniel Jachimowicz, Damla Etal, Morven Shuttleworth, Erin Cant, Merete B Long, Michal Shteinberg, Eva Polverino, Pieter Goeminne, Francesco Blasi, Stefano Aliberti, Charles Haworth, Felix Ringshausen, Michael Loebinger, Natalie Lorent, Adnan Azim, Greet De Baets, Xavier Romero Ros, E. Suzanne Cohen, Sam Strickson, Amelia Shoemark, James D Chalmers
OA2310	**Discussion and Q&A**

Forum Session 200 15:45 - 17:00

Oral presentation: Pulmonary hypertension: novel pathogenic pathways, noninvasive surrogate markers and possible therapeutic benefit

Disease(s) : Pulmonary vascular diseases

Method(s) : Imaging Physiology Pulmonary function testing Cell and molecular biology General respiratory patient care

Chairs : Yochai Adir (Haifa, Israel), Chair to be confirmed

OA2320	**Late Breaking Abstract - StratosPHere 1 study - a novel BMP target engagement biomarker panel for use in clinica l trials demonstrates sotatercept alters gene expression in pulmonary arterial hypertension** Rowena Jones (CB2 0BD, United Kingdom), Eckart De Bie, Nina Deliu, Anthony Ng, Benjamin Dunmore, Stefan Gräf, Christophe Guignabert, Marc Humbert, Laurent Savale, Ly Tu, Athenais Boucly, Joseph Newman, Gary Polwarth, Paul Upton, Allan Lawrie, Christopher Rhodes, Martin Wilkins, Sarah Binmahfooz, Alexander Rothman, Anna Hemnes, James West, Sofia Villar, Mark Toshner
OA2322	**Mechanistic Study on Luteolin-Mediated SIRT1 Deacetylation in Mitochondrial Energy Metabolism Remodeling in Pulmonary Arterial Hypertension** Hong Chen (Chongqing, China), Huilin YU, Ke Liao, Xiaohui Wang
OA2323	**Rare Variants in RYR1/RYR2 Associated with CTEPH Occurrence: Insights from a Large Whole-Genome Sequencing Analysis** Zhenguo Zhai (Beijing, China), Bingzhang Zou, Mengjie Duo, Zhu Zhang
OA2324	**Predicting mortality with right ventricular function in pulmonary hypertension associated with lung disease** Ze Ming Goh (Sheffield, United Kingdom), Ellis Cerrone, Felicity Hitchcock, Anusha Gajanan, Samer Alabed, Krit Dwivedi, Robin Condliffe, Abdul Hameed, Athanasios Charalampopoulos, Judith A Hurdman, Charlie A Elliot, Alexander Rothman, Lisa Watson, Hamza Zafar, Frances Varian, Aa Roger Thompson, Andrew J Swift, David G Kiely
OA2325	**HS235, a Novel Activin Signaling Inhibitor, is Highly Efficacious in Preclinical Models of Pulmonary Hypertension (PH) and Heart Failure (HF)** Gauthier Schang (Montreal, Canada), Emilie Brûlé, Florian Dilasser, Ipshita Nandi, Jean-François Denis, Ariane Sours, Vann Ganesh, Rana Samadfam, Gilles Tremblay, Julia Schoelermann, Maureen O'Connor
OA2326	**Clinical relevance of a novel non-invasive surrogate of pulmonary exercise hemodynamics** Teresa John (Graz, Austria), Henrik Abeln, Vasile Foris, Bastian Guettler, Nikolaus John, Katarina Zeder, Horst Olschewski, Khodr Tello, Nikolaus Kneidinger, Gabor Kovacs, Philipp Douschan
OA2327	**Integrin α5β1: a promising target for right ventricular dysfunction in pulmonary arterial hypertension** Sarah-Eve Lemay (Quebec, Canada), Yann Grobs, Charlie Théberge, Sandra Breuils-Bonnet, Mélanie Sauvaget, Roxanne Desbiens, Alice Bourgeois, Sandra Martineau, Mégan Gilbert, Andréanne Pelletier, Manon Mougin, François Potus, Steeve Provencher, Olivier Boucherat, Sébastien Bonnet
OA2328	**Impact of comorbidities on therapeutic response in patients with idiopathic pulmonary arterial hypertension** Benedetta Pozzato (milan, Italy), Marco Vicenzi, Stephen John Wort, Konstantinos Dimopoulos, Heba Nashat, Laura Claire Price, Colm Mccabe, Bhashkar Mukherjee
OA2329	**Endothelial cells in chronic thromboembolic pulmonary hypertension exhibit cytoskeletal alterations.** Miriam Peracaula (Salt, Spain), Miquel Gratacós, África Martínez-Blanco, Núria Gavara, Jakob M König, Neus Luque, Paula Poyatos, Victor I Peinado, Manel Castellà, Isabel Blanco, Robert Szulcek, Joan Albert Barberà, Olga Tura-Ceide

OA2330	**ALG-801 demonstrates superior therapeutic efficacy in sugen-hypoxia model of pulmonary hypertension** HQ Han (Thousand Oaks, United States), Xiaolan Zhou, Lyn Frumkin, Michael Gralinski, Peter Senese, Charles Dean, Jian Bi, Sandeep Sahay
OA2321	**Discussion and Q&A**

3A Session 201 15:45 - 17:00

Oral presentation: Cutting-edge trial data on biologics for airway diseases: asthma, COPD, chronic rhinosinusitis with nasal polyps and chronic cough

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Chairs : Florence Schleich (Liège, Belgium), Dave Singh (Manchester, United Kingdom)

OA2332	**Late Breaking Abstract - GB-0895, a high-affinity anti-TSLP mAb, demonstrates prolonged half-life and sustained pharmacological activity supporting every 6-month dosing in asthma** Kapil Mayawala (Secaucus, United States), Dave Singh, Victoria Szenes, Andreas Eich, Brian Leaker, Philipp Badorrek, Stanislav Ignatenko, Annelize Koch, Denisa Wilkes, Trisha Shamp, Antonios Aliprantis, Karima Amiri, Heather Van Epps, Lovely Goyal, Andrew Robertson, Stephanie Straley, Sacha Prashad, Alexandra Snyder, Oliver Kornmann
OA2334	**Twice-yearly depemokimab demonstrates efficacy in patients with asthma and comorbid chronic rhinosinusitis with nasal polyps (CRSwNP): Phase III SWIFT-1/2 studies** Enrico Marco Heffler (Milano, Italy), Loretta Jacques, Chang-Qing Zhu, Anna Vichiendilokkul, Peter Howarth, Ian D. Pavord
OA2335	**Depemokimab is associated with early and sustained improvements in patient-reported outcomes in CRSwNP: Data from the ANCHOR-1/2 trials** Marjolein Cornet (Leiderdorp, Netherlands), Oliver Pfaar, Philippe Gevaert, Richard Follows, Lee Tombs, Erica Zaiser, Laura Walrave, Tricia Finney-Hayward, Eugenio De Corso
OA2336	**Tezepelumab reduces inflammatory biomarkers in adults with severe chronic rhinosinusitis with nasal polyps with and without comorbid asthma: results from the phase 3 WAYPOINT study** Brian J. Lipworth (Dundee (Angus), United Kingdom), Amin Allahyar, Mathias Cardner, Daniel Sutton, James Cartwright, Michael Lehmann, Greet De Baets, Daniel Muthas, Adam Platt, Ting Li, Vaishali Mankad, Julie Mclaren, Joseph K Han, Joseph D Sherrill
OA2337	**Dupilumab efficacy in patients with asthma and allergic bronchopulmonary aspergillosis (ABPA)** Arnaud Bourdin (Montpellier Cedex 5, France), Jonathan Corren, Anand Shah, Caroline G. Baxter, Lavinia Davidescu, Heather Paleczny, Joseph Chiarappa, Andrew Fontenot, Paula Dakin, Elizabeth Laws, Jennifer Maloney, Lacey B. Robinson, Allen Radin
OA2339	**Mepolizumab Following Hospitalisation for Severe Exacerbation of Eosinophilic COPD** Hamish Mcauley (Leicester, United Kingdom), Cara Flynn, Omer Elneima, Hnin Aung, Wadah Ibrahim, Thomas Ward, Michelle Bourne, Tracy Thornton, Hannah Gilbert, Ghazala Waheed, Adam Wright, Rachael Evans, Michael Steiner, Cassey Brooks, Christopher Brightling, Neil Greening
OA2340	**Mepolizumab for the treatment of refractory chronic cough with eosinophilic airways disease (MUCOSA): a randomized, double-blind, placebo-controlled trial** Nermin Diab (Toronto, Canada), Danica Brister, Elena Kum, Mustafaa Wahab, Wafa Hassan, Sue Beaudin, Catie Stevens, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Kieran Killian, Kimberley Holt, Roma Sehmi, Gail Gauvreau, Jaclyn Smith, Paul O'Byrne, Imran Satia
OA2341	**Comparable pharmacokinetics (PK), safety and tolerability of astegolimab administered subcutaneously (SC) via abdomen, thigh or upper arm: a Phase I, single-dose study** Wenhui Zhang (South San Francisco, United States), Logan Brooks, Yixuan Zou, Audrey Arjomandi, Sharrell Cooper, Michele Grimbaldeston, Michael Johnston, Olga Cristina Serafim Vieira Carvalho, Rebecca Saenz
OA2333	**Discussion and Q&A**

3B Session 202 15:45 - 17:00

Oral presentation: Shaping the future of respiratory care through artificial intelligence and evidence-based digital strategies

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases Respiratory critical care

Method(s) : Epidemiology Public health Pulmonary rehabilitation General respiratory patient care Physiology Pulmonary function testing Respiratory intensive care

Chairs : Konstantinos Kostikas (Ioannina, Greece), Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)

OA2342	**Late Breaking Abstract - A open-source program to help alleviate shortages of respiratory medical devices in low -resource countries** Ramón Farré Ventura (Barcelona, Spain), Jorge Otero, Gorka Solana, Anh Tuan Dinh-Xuan, David Gozal
OA2344	**ChatGPT and Other Large Language Models for Parents' Questions About Childhood Asthma: A Comparative Study** David Drummond (Paris, France), Angéline Girault, Anais Le, Apolline Gonsard, Rola Abou Taam, Eytan Sarfati, Guillaume Lezmi
OA2345	**The construct validity of real-world digital mobility outcomes in people with chronic obstructive pulmonary disease** Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Michael Long, Martí De Las Heras, Victoria Alcaraz, Paula Alvarez, Joren Buekers, Clemens Becker, Julia Braun, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Anja Frei, Nicholas Hopkinson, Anisoara Ionescu, Alícia Josa Culleré, Sarah Koch, Anne-Marie Kirsten, Vita Lanfranchi, Jorge Lemos, Paolo Piraino, Lynn Rochester, Elena Gimeno-Santos, Ioannis Vogiatzis, Henrik Watz, Thierry Troosters, Judith Garcia-Aymerich
OA2346	**Assessment of healthcare consumption and asthma control after implementation of remote monitoring in long-term multicentre paediatric asthma care.** Martinus Oppelaar (Nijmegen, Netherlands), Annemie Boehmer, Laetitia Niers, Bart Van Ewijk, Lara Van Den Wijngaart, Peter Merkus, Marleen Van Gelder, Jolt Roukema
OA2347	**Effects on life satisfaction using a digital therapy in individuals with pulmonary fibrosis – randomised controlled investigation** Mary Beth Scholand (Salt Lake City, United States), Jessica Shull, Joshua Solomon, Robert Hallowell, Mark Hamblin, Christopher Harden, Maureen Horton
OA2348	**Patterns of adherence during home electronic monitoring in children with asthma in OUTERSPACERS. A randomised feasibility trial.** Will Carroll (Staffordshire, United Kingdom), James Chapman, Jason Suggett, Marie Ward, Jack Watson, Francis Gilchrist
OA2349	**Validation and acceptability of the mobile app version of the Control of Allergic Rhinitis and Asthma Test for Children (CARATKids)** Inês Pais Cunha (Porto, Portugal), Dulce Abreu Da Mata, Sandra Ferraz, Daniela Da Rocha Couto, Catarina Ferraz, Sónia Silva, José Valente, Pedro Marques, João A. Fonseca, Inês Azevedo, Cristina Isabel Oliveira Jácome
OA2350	**Effectiveness of early teleconsultation among COVID-19 mild and moderate patients with progression of COVID-19 related symptoms: A single-center, retrospective, cohort study** Olivia Dominique Payawal (Marikina City, Philippines), Sean Niccolo Alumno, Guinevere Dy-Agra, Christine Velasquez
OA2351	**Quantifying the effectiveness of high acuity virtual hospital care for respiratory patients** Michael Shaw (London, United Kingdom), Edward Hiller, Eleanor Zinkin, Niall Keenan
OA2352	**Implementing digital respiratory technologies: a CONNECT CRC systematic scoping review** Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Ayşe Önal Aral, Sami O. Simons, Shailesh Kolekar, Carlos Figueiredo, Kathleena Condon, Nicola Roberts, Katherina Bernadette Sreter, Zoe Mckeough, Hani Salim, Aleksandra Gawlik-Lipinski, Apolline Gonsard, Anna Vanoverschelde, Matthew Armstrong, Dario Kohlbrenner, Cátia Paixão, Patrick Stafler, Efthymia Papadopoulou, Milan Mohammad, Izolde Bouloukaki, Malek Chaabouni, Georgios Kaltsakas, Kate Loveys, Tonje Reier-Nilsen, Anthony Paulo Sunjaya, Adrian Paul Rabe, Shirley Quach, Paul Robinson, Hilary Pinnock, Amy Hai Yan Chan
OA2343	**Discussion and Q&A**

Amtrium — Session 203 — 15:45 - 17:00

Oral presentation: Optimising diagnostic and predictive tools for lung cancer management

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Imaging Surgery Endoscopy and interventional pulmonology Physiology Public health Epidemiology

Chairs : Georgia Hardavella (Athens, Greece), Redouene Sid Ahmed Benazzouz (Alger, Algeria)

OA2353	**Late Breaking Abstract - The effects of nurse-led shared decision making in lung cancer screening** Xiumei Tang (Chengdu, China), Weimin Li
OA2354	**Late Breaking Abstract - Risk prediction for lung cancer screening: a systematic review** Ramin Rezaeianzadeh (Vancouver, Canada), Crystal Leung, Kayly Choy, Kate Johnson, Miranda Kirby, Stephen Lam, Benjamin Smith, Mohsen Sadatsafavi

OA2356	**Instant assessment of lung biopsies using higher harmonic generation microscopy during navigation bronchoscopy: a multi-center study** Annick J.H.E van der Kroef (Nijmegen, Netherlands), Sylvia Spies, Roel L.J Verhoeven, Jouke T Annema, Marie Louise Groot, Erik H.F.M Van Der Heijden
OA2357	**Optimizing Malignancy Prediction: A Comparative Analysis of Transfer Learning Techniques on EBUS Images** Neslihan Özçelik (Rize, Turkey), Ali Erdem Özçelik, Emre Bendeş, Gizem Özçıbık Işık, Ömer Topaloğlu
OA2358	**Emphysema on baseline low-dose CT in asymptomatic participants of lung cancer screening programs predicts COPD, lung cancer, and other causes of death after 25 year follow-up** Jessica Gonzalez Gutierrez (Lleida, Spain), Rowena Yip, Javier Z. Zulueta, Samuel Aguayo, David F Yankelevitz, Claudia I Henschke
OA2359	**The Czech Lung Cancer Screening Programme: Monitoring for Continuous Quality Improvement** Martina Koziar Vasakova (Praha 10, Czech Republic), Karel Hejduk, Ivana Cierna-Peterova, Hynek Mirka, Bohumil Seifert, Vladimir Koblizek, Alena Bahenska, Marketa Vranova, Marcela Koudelkova, Renata Chloupkova, Ondrej Ngo, Nikola Stourac, Ondrej Majek
OA2360	**Selective anticancer effects of 4g on lung epithelial cell lines** Salvatore Bucchieri (Carini, Italy), Claudia D Anna, Caterina Di Sano, Francesco Mingoia
OA2361	**mRNA signature in plasma for discrimination of malignant vs. benign pulmonary nodules** Raquel Viana (Barcelona, Spain), Adriana Delgado, Elizabeth Martínez-Pérez, Ana Giménez-Capitán, Carlos Pedraz-Valdunciel, Andrés Aguilar-Hernández, Sara Vilà, Héctor Riera, Felipe Coll-Klein, Ivana Sullivan, Gabriel Calero, Irene Moya, Paula Barcos, Roxana Reyes, Francisco Gabriel Ortega, Cristina Rodríguez-Muñoz, Susana Muñoz, Clara Mayo-De-Las-Casas, Miguel Ángel Molina-Vila, Pablo Rubinstein
OA2362	**Radiomics-driven risk stratification system for differentiating benign and malignant pulmonary nodules: A multicenter study** Yuan Li (Chongqing, China), Yi Chen, Xuan Li, Wangjia Li, Lingqi Gao, Qi Li, Fajin Lv
OA2363	**Extraction of Information Features from Multicenter Ground-Glass Lung Nodules Using Different Dilated Masks: Application for Malignant Nodule Detection** lingfeng bi (Chengdu, China), Jiayi Li, Xin Wang, Li Ruicen, Bao Ting, Wang Zhoufeng, Weimin Li
OA2355	**Discussion and Q&A**

PS-1 Session 216 08:00 - 09:30

Poster session: Breathing better: evidence and innovations in oxygen, ventilation and functional respiratory care

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing | Epidemiology | Respiratory intensive care | Endoscopy and interventional pulmonology | Cell and molecular biology

Chairs : Bram van den Borst (Nijmegen, Netherlands), Daniela Cristea-Nicoara (Leicester (Leicestershire), United Kingdom)

PA2429	**Development of a questionnaire for oxygen therapy effectiveness (QuOTE)** Michael Dreher (Aachen, Germany), Vogelmeier Claus, Gilles Jebrak, Claudio Rabec, Peter Wijkstra, Maxime Patout, Javier Sayas Catalan, Capucine Morelot-Panzini, Joao Winck, Aleksander Kania, Klaas Franzen, David Halpin, Nicholas Hart
PA2430	**Effect of Three Different Flows of High-Flow Nasal Cannula Oxygen Therapy in Patients with Chronic Obstructive Pulmonary Disease (COPD)** Atefeh Fakharian (Tehran, Islamic Republic of Iran), Mahrokh Fargah, Maryam Sadat Mirenayat, Reyhaneh Zahiri, Hamidreza Jamaati
PA2431	**Significant mortality with ward-based High Flow Nasal Oxygen: who are the optimal patients for this intervention?** Laura White (Manchester, United Kingdom), Tousif Baig, Tanmay Jain, Menaka Velewitharamalage, Devina Siaw Hui Min, Ihsan Ullah, Kathryn Prior
PA2432	**Enhancing oxygenation assessment: a QIP to increase FiO2 documentation in ABGs** Samraiz Nafees (KINGSTON UPON HULL, United Kingdom), Alice Tebboth, Mollie Evans, Michael Brown, Muhammad Haroon Riasat, Ali Javeed, Adi Ahmed, Riya Raphael, Kailas Nair, Aparna Ravikumar, Melna Mathew, Sashank Manda, Fateh Ullah Khan, Anoop Prakash
PA2433	**Role of functional status at NIV initiation in amyotrophic lateral sclerosis (ALS). Real-life data from an expert centre.** Alessandro Mele (Racconigi, Italy), Valentina Pennetta, Federica Riva-Rovedda, Valerio Dimonte, Marco Clari, Elisa Mesiti, Giulia Anna Poggio, Chiara Chiappero, Fulvia Ribolla, Michela Maria Bellocchia, Marco Michele Bardessono, Giuseppe Tabbia, Rocco Francesco Rinaldo, Paolo Solidoro
PA2434	**Bridging the NIV Care Gap: A Quality Improvement Initiative to Enhance Home NIV Management Across Hospital Wards** Daniel Fulton-Green (Leeds, United Kingdom), Ramy Atia, Dipansu Ghosh
PA2435	**Respiratory Effects of Nusinersen Treatment in Adolescents with Spinal Muscular Atrophy** Moran Lavie (Tel-Aviv, Israel), Mika Rochman, Dar Shay Levanon, Michal Cahal, Moria Be'Er
PA2436	**Comparison of airway occlusion pressure (P0.1) in simple weaning and difficult weaning patients: a retrospective study** Yu Ciao Wang (Taichung, Taiwan), Hung Yuan Lai, Yu Chen Lin, Zih Lin Zeng, Sin Yu Shih
PA2437	**Excessive Dynamic Airway Collapse - a single center cohort** Thomas Jones (Winchester, United Kingdom), Shyun Tiong, Tashi Playle, Rob Cowburn, Laura Wardle, Matt Quint, Kayode Adeniji
PA2438	**Smartphone-based home spirometry for longitudinal monitoring of respiratory function: a prospective observational study** Garth Cruickshank (Birmingham, United Kingdom), Bipin Patel
PA2439	**Excessively large tracheostomas in prolonged weaning: A survey of different healthcare professionals** Gabriele Iberl (Heidelberg, Germany), Benjamin Neetz, Sabine Wege, Max Barre, Peter Wolf, Michael Müller, Bodil Wilkens, Biljana Joves, Jana Dahlhoff, Felix F. J. Herth, Franziska Trudzinski
PA2440	**Causes and health outcomes of breathless patients admitted to hospital in Malawi: a multicentre prospective cohort study** Stephen Spencer (Liverpool, United Kingdom), Florence Malowa, David Mccarty, Elizabeth Joekes, Jacob Phulusa, Lucy Keyala, Sylvester Kaimba, Peter Mandala, Mercy Mkandawire, Albert Mukatipa, Mulinda Nyirenda, Hendry Sawe, Sarah White, Marc Henrion, Daniel Augustine, David Oxborough, Felix Limbani, Eve Worrall, Paul Dark, Jamie Rylance, Stephen B Gordon, Ben Morton
PA2441	**Awake prone positioning reduces intubation rates in non-intubated patients with hypoxemia: a systematic review and meta-analysis of randomized controlled trials** Chi-Tsung Chen (Taipei, Taiwan), Ping-Hsuan Chan, Hsiao-Min Chou

PA2442 **Long-Term High-Altitude Exposure: Effects on Lung Function and COPD Outcomes in China**
Qing Liu (Beijing, China), Hongtao Niu, ruirui Duan, Ting Yang

PA2443 **Challenges in the Hospital Pathway for NIV Management of COPD in Germany**
Annkathrin Zur Heiden (Bietigheim-Bissingen, Germany), Nicolas Siadous, Scott Gibson, Sarah Alami

PA2444 **Title: Paediatric oxygen audit led to reduction in oxygen prescription and improved patient outcomes**
Vicki Wilson (MILTON keynes, United Kingdom), Vicki Maarman Maarman (, United Kingdom), Ruth Thomas

PA2445 **Long-Term Comparative Analysis of COVID-PITS and Non-COVID-PITS**
Efsun Gonca Uğur Chousein (Istanbul, Turkey), Demet Turan, Mustafa Cortuk, Umut Ilhan, Kürşat Nuri Baydili, Muzaffer Metin, Mehmet Akif Ozgül, Erdoğan Cetinkaya

PA2446 **Real-life evaluation of the concordance and provision of ambulatory oxygen using a mixed method approach with audit and questionnaire**
Vicki Wilson (MILTON keynes, United Kingdom), Vicki Maarman Maarman (, United Kingdom), Ruth Thomas

PA2447 **A rare cause of hypercapnic respiratory failure in adults - A case report of late onset Pompe's disease**
Sonia K. Dalal (Baroda (Gujarat), India), Abhinav R. Bhosle

PA2448 **A lung function threshold for survival? - FEV1Q and mortality in patients with chronic respiratory failure**
Filip Björklund (Södra Sandby, Sweden), Andreas Palm, Josefin Sundh, Magnus Ekstrom

PS-10 Session 217 08:00 - 09:30

Poster session: Revisiting established asthma and COPD therapies: new data and evolving perspectives

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Pulmonary rehabilitation Epidemiology Imaging Endoscopy and interventional pulmonology Physiology Cell and molecular biology

Chairs : Thérèse Lapperre (Edegem, Belgium), Andrea Portacci (Modugno, Italy)

PA2449 **Phase III/IV trials of COPD maintenance management assess heterogeneous outcomes**
Vi Truong (Salford, United Kingdom), Sulaiman Bin Safar, Sachin Ananth, Markus Fally, Nawar Diar Bakerly, Sarah Gorst, Dave Singh, Jørgen Vestbo, Lies Lahousse, Alexander G. Mathioudakis

PA2450 **Effects of oral doxofylline and procaterol on chronic obstructive pulmonary disease: A randomized crossover study**
Sarawut Panichaporn (Chonburi, Thailand), Narongkorn Saiphoklang, Thiravit Siriyothipun, Pitchayapa Ruchiwit

PA2451 **Prophylactic azithromycin in preventing recurrent acute exacerbations of COPD and blood eosinophil counts: a hospital review**
Mathieu Saint-Pierre (Ottawa, Canada)

PA2452 **Inflammation, lung function, symptoms and reliever use in chronic obstructive pulmonary disease**
Mona Bafadhel (London, United Kingdom), Richard Russell, Graham W Clarke, Laura Belton, Malin Fagerås, Per Gustafson, Vieshal Raja Gopal, Tim Harrison

PA2453 **High- vs. low-intensity inspiratory muscle training in asthma: effects on exercise capacity and clinical characteristics**
Cahidenur Kocak (Pendik, Turkey), Esra Pehlivan, Seyma Baslilar

PA2454 **Effectiveness Salmeterol-Fluticasone and Indacaterol on FEV1/FVC Post-Tuberculosis Patient at dr. H. Abdul Moeloek Hospital Lampung Province Indonesia**
Retno Ariza Soemarwoto (Bandar Lampung, Indonesia), Khairun Nisa Berawi, Pad Dilangga, Anse Diana Valentiene Messah, Adhi Nugroho Latief, Adityo Wibowo, Chicy Widya Morfi

PA2455 **What is the effective pharmacotherapy for post TB COPD? An observational multicentric, real world effectiveness study from India**
Sujata Chauthmal (Pune, India), Suhas Bardapurkar, Shreehas Bardapurkar, Kalpesh Panchal, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Aleemuddin Naveed, Parthasarathi Bhattacharyya, Kasiram Goli M Venkata, Jaymohan Unnithan, Anil Kumar Singh, Sonia Dalal, Gayathri Malkapuram, Vishlavath Bhaskar, Mahendra Kumar Gupta, Vaibhav Kubal, Abhinav Bhosale, Huda Shamim, Nandagopal Velayuthaswamy, Srikanth Krishnamurthy, Nagarajan Srinivasan, Sapna Madas, Abhishek Sabale, Ruby Swami, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Rushika Shah, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Deesha Ghorpade, Sundeep Salvi

PA2456 **Persistence and outcomes after 12 months of patients with COPD initiating formoterol/glycopyrronium/budesonide in Spain. ORESTES study**
Bernardino Alcazar Navarrete (Cájar, Spain), Juan Marco Figueira-Gonçalves, Carmen Corregidor, Luciano Escudero, Joaquín Sánchez-Covisa

PA2457 **Serum levels of salbutamol in healthy volunteers and patients with chronic obstructive pulmonary disease.**
Kristian Brat (Brno, Czech Republic), Martin Scurek, Martin Pesl, Jan Pribyl, Petra Pribylova, Vladimir Rotrekl

PA2458 **Real-world evidence (RWE) study on clinical outcomes in asthma: fluticasone furoate/vilanterol (FF/VI) versus (vs) budesonide/formoterol (BUD/FOR)**
Ashley Woodcock (Manchester (Greater Manchester), United Kingdom), John Blakey, Arnaud Bourdin, Giorgio Walter Canonica, Christian Domingo, Alexander Ford, Rosie Hulme, Theo Tritton, Emily Vinall, Ines Palomares, Sanchayita Sadhu, Arunangshu Biswas, Manish Verma

PA2459 **Chinese patients receiving ICS/LABA or LAMA-containing asthma therapy characterisation: Retrospective cohort study**
Zhiliu Tang (Shanghai, China), Xin Li, Jie Cao, Iris Chen, Sune Hao, Stephen G. Noorduyn, Jiaxin Ding

PA2460 **Risk of future exacerbations in patients with severe uncontrolled asthma in primary care**
Caroline Stridsman (Luleå, Sweden), Jon Konradsen, Sylvia Packham, Jörgen Syk, Lowie Vanfleteren, Apostolos Bossios

PA2461 **General physicians' experience and perception of symptoms control in patients of asthma changed to branded generic formulation of Salmeterol/Fluticasone in Spain: The ORIGEN study**
Jorge Rábago Castro (Madrid, Spain), Belen López-Muñiz Ballesteros, Aniruddha Mukhopadhyay, Abhijit Vaidya, Sushmeeta Chhowala, Jaideep Gogtay, Vaibhav Gaur

PA2462 **High variability of blood eosinophil (bEOS) levels among patients with chronic obstructive pulmonary disease (COPD) in the real world**
Denise Boudreau (Seattle, United States), Huong Trinh, Tracy Burgess, Xin Chen, David M Mannino, Lauren Millette, Arpamas Seetasith, Katerina Samara, Charlie Strange

PA2463 **Changes in sensory and affective components of dyspnea in severe COPD treated with endobronchial valves (EBV)**
Nathalie Bautin (Lille cedex, France), Camille Nokin, Frederic Wallyn, Olivier Le Rouzic, Thierry Perez, Cecile Chenivesse

PA2464 **Home high-flow therapy: insights from remote-monitoring and linked routine clinical data**
Lorna Hickey (glasgow, United Kingdom), Eve Walker, Anna Taylor, Chris Carlin

PA2465 **Reduction of Hyperinflation and Airway obstruction through BiPAP Ventilation using Expiratory-Flow-Technology (EFL)**
Markus Henke (Solln, Germany), Fabian Schmitt, Stefanie Klampfleitner, Jan Hendrik Storre, Andreas Fertl, Ositha Prinz, Martin Dörfler-Schalm

PA2466 **Detection of Collateral Ventilation in Pre-Planning for Bronchoscopic Lung Volume Reduction Procedures Using Advanced CT Imaging**
Nina Eikelis (Melbourne, Australia), Kris Nilsen, Maya Wilmhurst, Nathaniel Marchetti, Marium Rashid, Walia Priya, Lii-Yoong Criner, Charles Hatt, Gerard Criner

PA2467 **Effect of Long-Term Oxygen Therapy on Survival in COPD Patients with Moderate Resting Hypoxia after Acute Exacerbation: A Propensity Score-Weighted Analysis**
Kenta Nishiyama (Okinawa, Japan), Tomohiko Hasegawa, Kazunori Tamaki, Tomohiko Ishimine

PA2468 **Repeated sampling improves identification of eosinophilic COPD patients**
Sophie Shields (Manchester, United Kingdom), Augusta Beech, Dave Singh

PS-11 Session 218 08:00 - 09:30

Poster session: Biologics for asthma and allergic rhinitis: novel trial data

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology

Chairs : Alberto Papi (Cona, Ferrara, Italy), Ran Wang (Manchester (Greater Manchester), United Kingdom)

PA2469 **Twice-yearly depemokimab demonstrates efficacy in patients with asthma across baseline medium- and high-dose ICS subgroups: Phase III SWIFT-1/2 studies**
Ian D. Pavord (Oxford (Oxfordshire), United Kingdom), Matteo Bonini, Diana Jarreta, Nicholas Bird, Anna Vichiendilokkul, Pascal Chanez

PA2470 **Geographic variation in outcomes in RCTs of biologic therapies in patients with asthma or COPD: A systematic literature review**
David J. Jackson (London, United Kingdom), Piotr Kuna, Loretta Jacques, Rafael Alfonso-Cristancho, Tricia Finney-Hayward, Nishant Mehra, Tracy Taylor, Jiayue Yu, Lydia Vinals, Jeremiah Hwee

PA2471	**Relationship between early lung function improvement with dupilumab and long-term clinical improvement in chronic obstructive pulmonary disease** Frits M.E. Franssen (Maastricht, Netherlands), Nicola A. Hanania, Nicolas Roche, Rongchang Chen, Wassim W. Labaki, Nadia N. Hansel, Gaëtan Deslée, Changming Xia, Benjamin Ferey, Mena Soliman
PA2472	**Bronchoscopy measurements of tezepelumab pharmacokinetics and TSLP in asthmatic patients** Jacob Leander (Billdal, Sweden), Lubna Abuqayyas, Beata Pawlikowska, Petar Pop-Damkov, Joseph D. Sherrill, Gun Almqvist, Åsa Hellqvist, Sandhia Ponnarambil, Chris E. Brightling, Anna Lundahl
PA2473	**A Multinational Phase 2, Randomized, Double-Blinded, Placebo-Controlled Study to Evaluate the Effect of Linvemastat (MMP12 inhibitor) in Patients with Uncontrolled Asthma on Inhaled Corticosteroids (ICS) with Long-Acting Beta Agonist (LABA) as SOC** Bassem Elmankabadi (San Ramon, United States), Yisheng Lee, Wenjin Yang, Mathieu Boudreau, Benjamin Chien, Connor Peterson
PA2474	**APG808, an anti-IL-4Rα monoclonal antibody, demonstrates safety, extended half-life, and sustained inhibition of type 2 inflammatory biomarkers** Amol Kamboj (San Francisco, United States), Erica Winter, Lauren Wood, Cecilia Hale, Sai Thankamony, Carl Dambkowski, Xiu Qin Lim
PA2475	**First-in-human study of 9MW1911 (an anti-ST2 monoclonal antibody) in healthy volunteers** Rui Chen (, United States), Qian Zhao, Zhitian Hu, Jing Feng, Qingxi Liu, Danfeng Yin, Yinhan Guo
PA2476	**Evaluation of ACQ-5 components from the rilzabrutinib phase 2 asthma study** Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Ian D Pavord, William Busse, Tian Liu, Jessica Gereige, Leda Mannent, Renata Martincova
PA2477	**Twice-yearly depemokimab is well-tolerated in randomised, double-blind, placebo-controlled Phase III SWIFT and ANCHOR studies** Marjolein Cornet (Leiderdorp, Netherlands), Arnaud Bourdin, Nicholas Bird, Dawn Edwards, Natalia Karkoszka, Richard Follows, David Muccino, Anna Vichiendilokkul, Laura Walrave, Peter Howarth, Daniel J. Jackson
PA2478	**Clinical remission in patients with asthma treated with twice-yearly depemokimab in the Phase III SWIFT-1/2 studies** Michael E. Wechsler (Denver, United States), Giorgio Walter Canonica, Guy Brusselle, David Muccino, Richard Forth, Anna Vichiendilokkul, Peter Howarth, David J. Jackson
PA2479	**Twice-yearly depemokimab demonstrates sustained pharmacokinetics and pharmacodynamics across Phase I and III trials** Stein Schalkwijk (London, United Kingdom), Anders Thorsted, Jakob Ribbing, Lénaïg Tanneau, Richard Follows, Loretta Jacques, Nicholas Bird, Peter Howarth, Anubha Gupta, Philippe Gevaert, Ian D. Pavord
PA2480	**Rademikibart in moderate-to-severe asthma: Impact of eosinophils and regional differences on response** Raul Collazo (San Diego, United States), David Jackson, Mona Bafadhel, Dave Singh, Barry Quart
PA2481	**Rapid and sustained FEV1 improvements with rademikibart in type 2 asthma: Impact of eosinophils and FENO** Raul Collazo (San Diego, United States), Michael Wechsler, Praveen Akuthota, Barry Quart
PA2482	**A Phase 1 randomized, double-blind study of safety, tolerability and pharmacokinetics of Solrikitug in healthy participants** Bojan Lalovic (Malvern, United States), Amy Woo, Kiyomi Komori, Hector Ortega, Andrew Lee, Tim Henkel, Lisa Wittmer
PA2483	**Absorption, distribution, metabolism, and elimination (ADME) study strengthens clinical pharmacology package of londamocitinib** Julia Lund (Mölndal, Sweden), Helena Dahlbäck, Peter Bold, Maria Heijer, Rod Hughes, Tina Jellesmark Jensen, Davinder P S Dosanjh, Maria G Belvisi, Camille Riff
PA2484	**A study to investigate the safety, tolerability and pharmacokinetics of londamocitinib, an inhaled Janus kinase 1 inhibitor, in healthy Japanese and Chinese participants (NCT06519968)** Mohd Nubli Mustapa (Cambridge, United Kingdom), Tina Jellesmark Jensen, Rod Hughes, Rachel Moate, Jitendar Reddy, Camille Riff, Julia Lund, Maria G Belvisi, Sarah S Grant, Pablo Forte-Soto, Davinder P S Dosanjh
PA2485	**OCS reduction with tezepelumab in OCS-dependent patients with severe allergic, eosinophilic asthma in WAYFINDER** Guy Brusselle (Ghent, Belgium), David J Jackson, Njira L Lugogo, Mark Gurnell, Liam G Heaney, Stephanie Korn, Pascal Chanez, Ricardo Del Olmo, Jean-Pierre Llanos, Javier Moreno Sepena, Bill Cook, Amit Parulekar, Neil Martin, Shradha Chandarana

PA2486 **Predicting long-term remission with benralizumab in severe eosinophilic asthma (SEA): Post-hoc analysis of SIROCCO, CALIMA, BORA**
David Price (Singapore, Singapore), Marek Lommatzsch, Sean Swisher, Soram Patel, David Cohen, Flavia C. L. Hoyte

PA2487 **Dose Optimization and Exposure-Response Analyses to Support the Dose Selection of TQC2731, a Novel Anti-TSLP Monoclonal Antibody, in Patients with Severe Asthma**
Shixing Zhu (Nanjing, China), Xin Wang, Li Mei, Ding Yu

PA2488 **Twice-yearly depemokimab reduces exacerbations versus placebo in patients with asthma across age of onset/duration subgroups: Phase III SWIFT-1/2 studies**
David J. Jackson (London, United Kingdom), Florence Schleich, Diana Jarreta, Chang-Qing Zhu, Peter Howarth, Michael E. Wechsler

PS-12 Session 219 08:00 - 09:30

Poster session: Inhaler technique, adherence and action plans: we really need to master the basics

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health

Chairs : Amy Hai Yan Chan (Auckland, New Zealand), Chair to be confirmed

PA2489 **Evaluation of Inhalation Technique of Asthma treatment in Tunisian Adults**
Ahmed Ben Saad (Monastir, Tunisia), Lobna Loued, Rania Kaddoussi, Wajih Ghribi, Saoussen Cheikh-Mhammed, Samah Joobeur, Naceur Rouatbi

PA2490 **Looking for the factors influencing the proper inhalation technique.**
Izabela Domagała (Zielona Góra, Poland), Marta Miszczuk-Cieśla, Marta Dąbrowska

PA2491 **Are pressurized metered-dose inhalers with spacers prescribed more often than necessary in patients with asthma?**
José Luis Izquierdo Alonso (Guadalajara, Spain), José Miguel Gonzalez Moro, Francisco Javier Álvarez Gutierrez, Krasimira Baynova, Mariam De La Poza Abad,

PA2492 **Which step(s) of inhaler technique affect acute bronchodilation in COPD?**
Thomas Siler (Saint-Charles, United States), Donald A. Mahler, Sergio Martinez, Alexander G. Duarte, Surya P. Bhatt

PA2493 **Standard Setting and Validation of an e-Inhaler Technique Competency Test for Healthcare Professionals**
Amir Hakim (London, United Kingdom), Christabelle Chen, Pedro Elston, Paul Pfeffer

PA2494 **Effects of asthma inhalers that provide feedback on patient-relevant outcomes: A systematic review and meta-analysis**
Marta Moreno Sole (, Switzerland), Maria Boesing, Stefan Schandelmaier, Giorgia Lüthi-Corridori, Fabienne Jaun, Jörg D. Leuppi

PA2495 **The NEWTON study: the final study results**
Fulvio Braido (Genova, Italy), Kai-Michael Beeh, Carolina Cisneros Serrano, Anh Tuan Dinh-Xuan, Lilla Tamàsi, Antigona Trofor, Eleonora Ingrassia, Alessio Piraino, Cristiano Caruso

PA2496 **Improved Treatment Adherence in Asthma Patients with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study**
Timm Greulich (Marburg, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Alexander Hahn, Celina Fritz, Veronika Grickschat, Christian Gessner

PA2497 **Pressurized Metered-Dose versus Dry-Powdered Inhalers Adherence Among Asthma and COPD Patients, a Real-Life Study**
Dekel Shlomi (Tel-Aviv, Israel), Benice Oerman, Yehonatan Halevy, Shiri Kushnir, Yael Reichenberg

PA2498 **Accuracy of Accuhaler, Ellipta, and Turbuhaler testers in patients with chronic obstructive pulmonary disease**
Thiravit Siriyothipun (Nonthaburi, Thailand)

PA2499 **Breathing parameters of severe asthma patients under biologic therapy through Breezhaler®, Turbuhaler®, NEXThaler® and Ellipta® dry powder inhalers**
Botond Havadtoi (Budapest, Hungary), Norbert Ilyés, Izolda Réti, Árpád Farkas, Balázs Sánta, Alpár Horváth, János Varga, Gabriella Gállfy

PA2500 **Improved treatment outcomes and less need for rescue medication following switch to Easyhaler DPI in adult asthma patients**
Sabina Wehgartner- Winkler (Augsburg, Germany), Thomas Schultz, Athanasios Xanthopoulos, Satu Lähelmä, Mikko Vahteristo, Michael Sebert

PA2501 **Higher adherence to biologic therapies in asthma is associated with improved clinical outcomes: Retrospective analysis of claims data**
Njira L Lugogo (Durham, United States), Brian Modena, Justin Kwiatek, Jiaxuan Wang, Peter Howarth, Riyad Al-Lehebi, Anna Vichiendilokkul, Urvee Karsanji, Jeremiah Hwee, Gerald Smith, Riley Geason, Arijita Deb, Rafael Alfonso-Cristancho

PA2502 **Exploring the Challenges of Managing Difficult-to-Treat Asthma: A Questionnaire-Based Approach**
Sharvary Rathod (Mumbai, India), Preeti Ghadage, Tarang Kulkarni, Alpa Dalal

PA2503 **Real-world evidence on improved adherence and asthma outcomes with single-inhaler triple therapy**
Saša Rink (Ljubljana, Slovenia), Dušan Božič, Branislav Červenjak, Renato Eržen, Alojz Horvat, Sonja Kambič Kafol, Albert Klobučar, Zoran Krstić, Saša Letonja, Anton Lopert, Arjana Maček Cafuta, Jasmina Panjan Avramovič, Nikša Šegota, Tjaša Šubic, Gaudencio Lucas Triep, Nataša Todorović, Katarina Vukelić, Marko Bombek, Renata Verboten Kopriva, Lucija Gabršček Parežnik, Željko Perdija, Snežana Ulčar Kostić, Jaro Lajovic, Sabina Škrgat

PA2504 **Real-world challenges in achieving COPD best practice**
Sachin Ananth (London, United Kingdom), Anuki Dasanayake, Karolina Prylinska, Rachel Tennant

PA2505 **Patient perspectives of asthma treatment as barriers to implementing new treatment guidelines: A qualitative forum analysis**
Zoe Moon (London, United Kingdom), Hannah Truscott, Vince Mak, Robert Horne

PA2506 **Impact of single-inhaler triple therapy on COPD treatment in the period from 2016–2022: A nationwide Danish cohort study**
Nicolai Krogh (Copenhagen, Denmark), Anne-Cathrine Falch-Jørgensen, Louise Dalsager, Yunus Çolak

PA2507 **Patient-centred approaches to adult asthma care: a European modified Delphi consensus programme**
Fulvio Braido (Genova, Italy), Ilaria Baiardini, Simona Barbaglia, Susanna Palkonen, Armando Ruiz-Baqués, Ioanna Tsiligianni, Christian Virchow, Tonya Winders

PA2508 **AERO CA/UK 01 Survey: Comparing respiratory patient care and perceptions in Canada and UK – differences do exist**
Jason Suggett (London (ON), Canada), Alison Ellery, Mark Nagel

PS-13 Session 220 08:00 - 09:30

Poster session: Clinical management of COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology General respiratory patient care Pulmonary rehabilitation Public health Physiology

Chairs : Jade Mahé (Pessac, France), Chair to be confirmed

PA2509 **Characteristics of patients in a community hospital-based COPD clinic**
Angel Ortega González (Talavera de la Reina (Toledo), Spain), María Salud Estrada Pastor, Isaac Abraham Pérez Romero, Miryam Artero Clemente, María De La Cruz Rodríguez, Marcos Leandro Lafarga Poyo

PA2510 **Psychometric validation of E-RS:COPD in patients with Chronic Obstructive Pulmonary Disease (COPD)**
Ernesto Mayen (Cambridge, United States), Stephanie Rhoten, Gaizka Perez, Jérôme Msihid, Eilish Mccann, Ashish Bansal, Lacey Robinson, Veleka Allen

PA2511 **Analysis of Factors Associated with Fatigue in Individuals with COPD**
Luis Fernando Pereira Brizola (Botucatu, Brazil), Gabriel De Godoy Artiga, Bianca Silva Costa, Flavio Vinicius Fagundes Xavier, Pamela Larissa Kiill Dourado, Karen Kaori Miyamoto, Matheus Augusto Callegari, Estefania Aparecida Thome Franco, Robson Prudente, Suzana Erico Tanni

PA2512 **Stability of CAT-defined chronic bronchitis in COPD patients over 30 months**
Fengyan Wang (Guangzhou, China), Xueping Li, Zijun Guo, Zhang Wang, Huai Chen, Zhenyu Liang, Yongchang Sun, Fuqiang Wen, Qianli Ma, Tao Ye, Jinping Zheng, Rongchang Chen, Paul W. Jones

PA2513 **Serum endocan levels in COPD patients with frequent exacerbations compared to non-frequent exacerbators**
Mehmet Bekir Aydin (Izmir, Turkey), Yelda Varol, Enver Yalnız

PA2514 **Unsupervised COPD cluster analysis in relation to disease burden**
Xingwu Zhou (Uppsala, Sweden), Björn Ställberg, Maria Hårdstedt, Kristina Bröms, Amir Farkhooy, Christer Janson, Andreas Palm, Karin Lisspers, Marieann Högman, Andrei Malinovschi

PA2515 **Comparison of FEV1/FVC ratio staging and GOLD grade for mortality risk prediction in patients with COPD**
Kwonhyung Hyung (Seoul, Republic of Korea), Chang-Hoon Lee

PA2516	**Initiation of non-invasive ventilation in COPD patients with chronic hypercapnic respiratory failure does not affect blood eosinophil count** Inês Ferreira Carvalho (Porto, Portugal), Elena Piao, Maria Jacob, Mona Bafadhel, Nicholas Hart, Richard E.K Russell, Eui-Sik Suh, Patrick Murphy, Rebecca F. D'Cruz
PA2517	**Clinical variables influencing CAT score in a general COPD population** Brigitta Dombai (Budapest , Hungary), Balázs Sánta, Enikő Réka Szádvári, Roberta Falcone, Lisa Comarella, Zsófia Lázár
PA2518	**Cut-off values to differentiate between healthy and obstructive airways diseases (OAD) for the Indian adult population using the Antlia-Pro Forced Oscillation Technique (FOT) device** Deesha Ghorpade (Pune (Maharashtra), India), Suhas Bardapurkar, Shreehas Bardapurkar, Ashish Kumar Prakash, Harshavardhan Vhora, Anshum Aneja Arora, Sonam Solanki, Arti Shah, Raja Dhar, Bhavesh Patel, Sujata Chauthmal, Sapna Madas, Ruby Swami, Abhishek Sabale, Samruddhi Bhalare, Nikita Navale, Deepika Dhumal, Namiksha Koli, Sharika Karanjkar, Amit Karad, Sundeep Salvi
PA2519	**Prevalence and characterization of Chronic Obstructive Pulmonary Disease (COPD) and Pre-COPD phenotypes in a high-risk population from Nicaragua** Jorge Ivan Miranda (Managua, Nicaragua), Jessy C Trujillo-Morales, Edgar Urquidez-Bazúa
PA2520	**Consistency between oscillometry and spirometry in patients with asthma or COPD** Hongtao Niu (Beijing, China), Xiajun Rong, Min Zhang, Fei Deng, Liang Zhang, Yong Li, Tim Harrison, Samuel Bardsley, Yuanlin Song, Kewu Huang, Ting Yang, Chen Wang
PA2521	**Identifying patients with both COPD and asthma in a community spirometry service** Timothy Ho (Liverpool, United Kingdom), Devon Ward, Rachel Burton, Fred Fyles, Maria Puthoor, Hassan Burhan, Seher Zaidi
PA2522	**Connected Care COPD: a community-led pathway for early detection and intervention** Andrew Kouri (Toronto (ON), Canada), Cécile Raymond, Kyle Maccallum, Erin Stankevicius, Christopher Chan, Alina Blazer
PA2523	**Late Breaking Abstract - Role of remotely measured REM sleep in the determination of clinical recovery from COPD exacerbations using wearable technology** Seyedfakhreddin Nabavi (Montreal, Canada), Felix-Antoine Coutu, Bryan A. Ross
PA2524	**Using behavioural modelling to identify COPD patient archetypes for personalised disease management** Tharishini Mohan (Kuala Lumpur, Malaysia), Valentina Di Boscio, Khaleda Ahmadyar, David Halpin
PA2525	**COPD and Malnutrition: ABE Classification Identifies Risk Better Than GOLD** Khouloud Kchaou (Ariana, Tunisia), Soumaya Khaldi, Chaima Briki, Yosra Abdelhedi, Saloua Ben Khamsa Jameleddine
PA2526	**Clinical characteristics by endotype in patients hospitalized with COPD exacerbation: Is Eosinophilic endotype or Neutrophilic endotype better?** Dilan Yasar Teymuroglu (Izmir, Turkey), Seda Sancar, Sedef Sule Bozkir, Gulistan Karadeniz
PA2527	**Validity and reliability of the Nijmegen Questionnaire in individuals with COPD.** Andreas Daskalakis (N. Smyrni - Athens, Greece), Irini Patsaki, Aikaterini Haniotou, Emmanouil Skordilis, Afroditi Evangelodimou, Irini Grammatopoulou
PA2528	**Improving safety and TReatment precision for Acute COPD Exacerbations (TRACE): Feasibility of point-of-care testing in community pharmacies. A qualitative study.** Timothy Harries (London, United Kingdom), Mona Bafadhel, Richard Russell, Alison Wright, Hiten Patel, Dilip Joshi, Leslie Hamilton, Patrick White

PS-14 Session 221 08:00 - 09:30

Poster session: Home monitoring in asthma and COPD

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Public health Epidemiology Physiology Pulmonary function testing Pulmonary rehabilitation

Chairs : Fabio L. M. Ricciardolo (Torino, Italy), Arzu Yorgancıoğlu (İzmir, Turkey)

PA2529	**Predicting arterial pCO2 using capnographic recordings - A pilot study using a novel breath analysis device** Theresa Klemm (Vienna, Austria), Marie-Kathrin Breyer, Marie-Therese Grasl, Meryem Ceylan, Nejla Hidic, Max Sorantin, Charlotte Fuchs, Arschang Valipour
PA2530	**Home-based FeNO measurement in GINA 1-5 asthma: the FeNO@home study** Kai Michael Beeh (Taunusstein, Germany), Tim Harrison, Enrico Heffler, Hartmut Timmermann, Stephan Weber, Sandra Wegner

PA2531	**The ReferID+ digital asthma review tool compared to standard of care in uncontrolled asthma in primary care (OASIS study): A Randomised Controlled Trial** Hetal Dhruve (London, United Kingdom), Alexandra Nanzer, David Jackson
PA2532	**Novel associations with low peak expiratory flow rate (PEFR): Findings from a community health survey in 1195 adults from the urban slums of Pune City, India.** Monica Barne (Pune (Maharashtra), India), Sapna Madas, Vandana Das, Monika Dhawale, Ashfaque Shaikh, Asmita Gaikwad, Sanskruti Kale, Narreddy Harsha Vardhan Reddy, Sripada Narayana Rao, Abhishek Sabale, Sundeep Salvi
PA2533	**Variability of fractional exhaled nitric oxide using domiciliary measurements in symptomatic and untreated patients with suspected asthma** Ran Wang (Manchester (Greater Manchester), United Kingdom), Hannah Durrington, Lisa Willmore, Liam Whipday, Lesley Lowe, Angela Simpson, Stephen Fowler, Clare Murray
PA2534	**Diagnostic accuracy of a novel contactless monitoring device to detect exacerbations of COPD** Shaogi Syam (Ilford, United Kingdom), Arafa Aboelhassan, John Hurst
PA2535	**Impact of Home Monitoring on Exacerbations After Alpine Altitude Climate Treatment: Davos@Home** Fleur L. Meulmeester (Leiden, Netherlands), Lianne Ten Have, Anneke Ten Brinke, Jacob K. Sont, Karin Fieten
PA2536	**Wearable Devices for Monitoring COPD: Real-World Challenges and Insights** Beyza Toprak (Glasgow, United Kingdom), Alexander B Mullen
PA2537	**Heart rate, respiratory rate and airflow variability analysis in chronic obstructive pulmonary disease** Amar Shah (London, United Kingdom), Anita Saigal, Renard Pramono, Orsina Dessi, John R Hurst, Ali R Mani, Esther Rodriguez-Villegas, Swapna Mandal
PA2538	**ExHaled nitric Oxide measurements to Predict the risk of Exacerbations in COPD (HOPE): A feasibility study.** Kateryna Gashynova (Dnipro, Ukraine), Andreas Hoheisel, Eleni Papakonstantinou, Gregor Herrmann Krasagakis, Jona Gjeloschi, Saskia Kiefer, Michael Oppenländer, Jaime Alvarado, Björn Christian Frye, Sebastian Fähndrich, Daiana Stolz
PA2539	**Can metronome-paced tachypnea using breathing at vital capacity predict peak expiratory flow?** Anirban Chatterjee (Cupertino, United States), Gopal Valsan, Jeffrey Richard, Thilaka Sumanaweera
PA2540	**Relation of changes in PEF and FEV1 during bronchodilation in children** Leon L. Csonka (Tampere, Finland), Antti Tikkakoski, Anna P. Tikkakoski, Jussi Karjalainen, Lauri Lehtimäki
PA2541	**Patterns of symptom deterioration through remote monitoring can support multimorbid COPD (self-)management: A mixed-methods study** Sanne H B van Dijk (Enschede, Netherlands), Bente Rodenburg, Marjolein G J Brusse-Keizer, Anke Lenferink
PA2542	**Digital Therapy in Self-management of COPD Patients: Study Protocol** Hanna WU (Beijing, China), Hongtao Niu, Tianqi Peng, Yushi Zhang, Ting Yang
PA2543	**Individualised FEV_1 thresholds for home spirometry: data-driven pilot approach** Wim Janssens (Leuven, Belgium), Astrid Blondeel, Hannelore Geysen, Iwein Gyselinck, Michaël Staes, Geert Celis, Jonas Claus, Rebecca Borton, Stephanie Everaerts, Laurens Ceulemans, Robin Vos
PA2544	**The utility of electronic diaries in adverse event notification in a COPD study** Ines Meireles (London, United Kingdom), Anand Tana, Ley T Chan, Elif S Agaoglu, Ashish Karir, James Tonkin, Justin L Garner, Christopher M Orton, Pallav L Shah
PA2545	**Telemedicine in chronic respiratory diseases – home spirometry as a new approach in disease control** Miroslav Ilić (Sremska Kamenica (Vojvodina), Republic of Serbia), Jovan Javorac, Dragica Kovačević, Emilija Vujičić, Dejan Živanović, Nevena Savić, Kristina Tot Vereš
PA2546	**Clinical Phenotypes and Outcomes of Home Non-Invasive Ventilation in COPD: a retrospective review** Inês Ferreira Carvalho (Porto, Portugal), Mara Sousa, Maria Jacob, Anabela Marinho, Miguel Gonçalves
PA2547	**Telemonitoring in COPD: A Modern Approach to Reduce Exacerbations and Hospitalizations** Luis Filipe Santos Silva (Espinho, Portugal), Anita Lascasas Trigueira, João Pedro Marques Macedo, Margarida Costa Silva, Vanessa Santos, Jorge Ferreira
PA2548	**Can artificial intelligence predict spirometry from a simple smartphone voice recording?** Amani SAYHI (tunis, Tunisia), Mariem Abdelmoula, Nadia Ben Lazreg, Mariem Abdessalem, Imen Talbi, Fatma Guezguez, Ines Ghannouchi, Sonia Rouatbi

PS-15 Session 222 08:00 - 09:30

Poster session: COPD: from exacerbation to clinical management

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Imaging Pulmonary function testing Respiratory intensive care

Chairs : Enrico M. Clini (Modena (MO), Italy), Aaron Braddy-Green (London, United Kingdom)

PA2549	**A comparison of three strategies for weaning of Non-Invasive Ventilation (NIV) in patients of Acute Exacerbation of Chronic Obstructive Pulmonary Disease (AE COPD) with type 2 Respiratory failure : A Randomized Control Trial** Sanjeev Bala (Varanasi, India), Deepak Shah, Venkat Raj
PA2550	**Validating the ROME COPD exacerbation classification in a hospitalised cohort** Caitlin Morgan (Bristol, United Kingdom), Catherine Hyams, Leon Danon, Robert Challen, Elizabeth Begier, Joanne Southern, Serena Mcguinness, Jade King, Maria Lahuerta, Bradford Gessner, Adam Finn, James W Dodd
PA2551	**Association between systemic immune-inflammatory index and mortality risk in critically ill COPD patients: Results from the MIMIC-IV database** Mohan Giri (Chongqing, China), Anju Puri, Lan Huang, Shuliang Guo
PA2552	**Long-term incidence of cardiometabolic comorbidities in smokers with and without COPD: a cohort study** Beatriz Herrero Cortina (Zaragoza, Spain), Aura Maldonado-Guaje, Jorge Rodriguez-Sanz, Ana Boldova-Loscertales, Pablo Cubero-Marin, Juan Antonio Sáez-Pérez, Yasmina Hamam-Alcober, Marta Marin-Oto, David Sanz-Rubio, Jose María Marín
PA2553	**Impact of insomnia in patients with COPD** Sofía Gutiérrez Hernández (Cádiz, Spain), Ángel Carmona González, Aureliano Aís Daza, Isabel Castillo Rivillas, Aurelio Arnedillo Muñoz
PA2554	**Mortality Patterns and Causes in COPD Patients on Long-Term Non-Invasive Ventilation: A Phenotypic Approach** Maria João Gomes Moura (Santa Maria Da Feira, Portugal), Mafalda Pais, Maria Oliveira, Carla Ribeiro, Alexandra Carreiro, Paula Pamplona, Bárbara Seabra
PA2555	**Disease burden and unmet needs in Chinese patients with symptomatic exacerbating COPD and on inhaled triple therapy: a real-world study** Yongchang Sun (Beijing, China), Tia Pennant, Fraser Barrable
PA2556	**Monitoring of frequent exacerbators with COPD through the application of a virtual assistant with artificial intelligence** Cristina Aljama Vizcarra (Reus, Spain), Ane Lopez-Gonzalez, María Sáez, Galo Granados, Júlia Sampol, Juan José Chiriboga, Núria Rodés, Yesly Carlos, Mercedes Pallero, Sergi Martí, Marc Miravitlles, Miriam Barrecheguren
PA2557	**Timely spirometry is associated with all-cause mortality and tailored care in initiators of chronic respiratory treatment** Valerie Dehondt (Gent, Belgium), Delpine Vauterin, Eric Derom, Lies Lahousse
PA2558	**Diaphragm Excursion Evaluated on Ultrasound Can Predict Risk of Exacerbations in Chronic Obstructive Pulmonary Disease Patients** Yash Kedia (Mumbai, India), Neeraj Kumar Gupta, Rohit Kumar, Nitesh Gupta, Pranav Ish, Rajnish Kaushik, Tanmaya Talukdar, Naren Chandra
PA2559	**Severity classification of COPD exacerbations (AECOPD) in hospitalized patients: BAT vs. Rome** Amber Beersaerts (Leuven, Belgium), Hnin Aung, Kristina Vermeersch, Kenneth Verstraete, Mona Bafadhel, Neil Greening, Wim Janssens
PA2560	**Healthcare resource utilisation and healthcare costs in COPD patients with moderate-to-severe exacerbations** Ernesto Mayen (Cambridge, United States), Michael Head, Nella Bieszk, Raven Perez, Chia-Cheng Teng, Taylor Tassoul, Vincent Willey
PA2561	**Alpha-1 research registry: environmental exposures, obstructive lung disease, and quality of life among AATD patients in the united states** Nadine Nuchovich (Coral Gables, United States), Alison Keaveny, Monica Goldklang, Sabrina Palumbo, Jennifer Illarramendi, Laura Fonseca, Randel Plant, Jeanine D'Armiento
PA2562	**Streptococcal bacteriophage and Prevenar-13 vaccine are comparably effective in Pneumococcal pneumonia in patients with COPD** Rano Nalibaeva (Tashkent, Uzbekistan), Irina Liverko
PA2563	**Consensus definition of severe COPD: a modified Delphi study** Mireille C. Melles (Rotterdam, Netherlands), Marlies Van Dijk, Marieke L. Duiverman, Frits M.E. Franssen, Merel E. Hellemons, Daisy J.A. Janssen, Pascale M.G.A. Lubbers-Van Tuyn, Dirk-Jan Slebos, Johannes C.C.M. In 'T Veen, Pieter-Paul W. Hekking

PA2564 **Decline in Lung Function in Early COPD: A Comparative Study Between Mild and Moderate-to-Severe COPD**
Jin Hwa Song (Hwaseong-si, Republic of Korea), Yong-Bum Park, Youlim Kim

PA2565 **Assessment of adherence to inhaled therapy in Bulgarian COPD patients**
Ventsislava Pencheva Genova (Sofia, Bulgaria), Kiril Genov, Todor Todorov, Stanimir Kacheshmarov

PA2566 **AI-enhanced thoracic CT-scan features associated with Pseudomonas aeruginosa airway infection in COPD**
Clotilde Subts (Paris, France), Guillaume Chassagnon, Pierre-Régis Burgel, Johanna Fesenbeckh, Clémence Martin, Hélène Poupet, Nicolas Roche, Lucile Regard

PA2567 **Inhaler Device Use And Treatment Compliance On Opposite Sides Of The Aegean Sea**
Muzaffer Onur Turan (Izmir, Turkey), Andriana Papaioannou, Nalan Ogan, Stavrina Zaneli, Esra Ertan Yazar, Zoi Sotiropoulou, Burcu Arpınar Yiğitbaş, Stamatoula Tsikrika, Mukadder Çalıkoğlu

PA2568 **Effect of Inhaler Education on Critical Error Reduction in COPD: DECIDE (Discover the Effect of COPD Inhaler Device Education) study**
Hyoung Kyu Yoon (Seoul, Republic of Korea), Seohyun Kim, Jiyong Moon, Soojung Um, Heyoun Park, Jonggirl Jang, Deagkyum Kim, Changryul Lee, Seungwon Ra, Sungyong Lim, Yong-Il Hwang, Yongbum Park, Kwangha You, Chinkook Rhee, Tai Joon An

PS-16 Session 223 08:00 - 09:30

Poster session: Comorbidities in asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Public health

Chairs : Giuseppe Guida (ORBASSANO (TO), Italy), Solene Valery (Issy Les Moulineaux, France)

PA2569 **Anxiety and depression in patients with asthma in China: a national cross-sectional study**
Yanan Cui (Beijing, China), Ke Huang, Ting Yang

PA2570 **Asthma Exacerbation Comorbidity Index (AECI): Predicting In-Hospital Adverse Outcomes**
Xin Zhang (Chengdu, China), Lishan Yuan

PA2571 **Upper Airway Control Therapy (U-ACT): the development of a non-pharmacological intervention for inducible laryngeal obstruction**
Jemma Haines (Wilmslow (Cheshire), United Kingdom), Jaclyn A Smith, Stephen J Fowler, Janelle Yorke

PA2572 **Treatable traits in asthma associated with hospitalizations**
Marina Labor (Linköping, Sweden), Christer Janson, Andreas Palm, Andrei Malinovschi, Mathias Holm, Linda Ekerljung, Sven-Erik Dahlén, Lars Modig, Össur Ingi Emilsson

PA2573 **Psychiatric screening tools in asthma patients: a systematic review**
Snigdha Widge (Edmonton, Canada), Jacquelyn Paquet, Ling Ling, Dilini Vethanayagam

PA2574 **The Impact of Obstructive Sleep Apnea on Asthma: A 22-year Multi-Institution Cohort Study in Taiwan**
Shih-Wei Huang (Taoyuan, Taiwan), Chun-Yu Lin, Horng-Chyuan Lin

PA2575 **Multimorbidity in severe asthma: resources and perspectives from severe asthma specialists and general respiratory physicians in SHARP**
Dace Matisa (Riga, Latvia), Ramesh Kurukulaaratchy, Sasa Rink, Anna Freeman, Sabina Skrgat, Aruna Bansal, Betty Frankemolle, Mehar Singh, Jacob Sont, Florence Schleich, Ben Ainsworth, Michael Hyland, Apostolos Bossios, Felix Wantke, Edin Jusufovic, Shane Hanon, Sanja Popović-Grle, Vratislav Sedlak, Celeste Porsbjerg, Lauri Lehtimäki, Arnaud Bourdin, Stephanie Korn, Kostas Samitas, Zsuzsanna Csoma, Dora Lúðvíksdóttir, Marcus Butler, Georgio Walter Canonica, Enrico Heffler, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Piotr Kuna, Claudia Loureiro, Florin Mihălţan, Valentyna Yasinska, Joerg Leuppi, Bilun Gemicioglu, Liam Heaney

PA2576 **Respiratory Symptoms and Associated Risk Factors in Urban Slums from Pune, India: An Observational Study**
Vandana Das (Pune (Maharashtra), India), Sapna Madas, Monica Barne, Monika Dhawale, Ashfaque Shaikh, Prasad Shinde, Asmita Gaikwad, Abhishek Sabale, Sundeep Salvi

PA2577 **Disease Severity, Not Specific Comorbidities Predicts Fatigue in Severe Asthma (SHARP)**
Joseph Lanario (Plymouth (Devon), United Kingdom), Lianne Ten Have, Fleur Meulmeester, Dawn Redwood, Tania Wainwright, Joanna Tilley, Anne Mcgahey, Simon Doe, Kathleen Byani, Sanja Hromiš, Sabina Škrgat, Mariana Paula-Rezelj, Peter Kopac, Ana Žaže Bertoncel, Anneke Ten Brinke, Kristina Bieksiene, Jolita Palacionyte, Valentyna Yasinska, Barbro Dahlen, Cláudia Chaves Loureiro, Maria Gonçalves Cunh, Pedro Nogueira Nogueira, Inês Farinha, Dominique Hamerlijnck, Michael Hyland, Jacob Sont, Matthew Masoli

PA2578 **Psychological Impact of Allergic Asthma: How the Disease Affects Mood, Sleep, and Quality of Life**
Salma Abrar (Agadir, Morocco), Abdelkrim Khannous, Hanane Ikrou, Nada Boutbagha, Oussama Halloumi, Selma Abdala, Hind Serhane

PA2579 **The prevalence and impact of co-morbid psychological symptoms in severe asthma**
Kirsten Stewart-Knight (London, United Kingdom), Abida Siddika, Klaudia Walas, Jessica Gates, Leyla Osman, Faizan Haris, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Annette De Looper, Gráinne D'Ancona, Alexandra M. Nanzer, Jaideep Dhariwal, David J. Jackson

PA2580 **The diagnostic use of breathing pattern measurements to identify dysfunctional breathing in patients with asthma**
Panagiotis Sakkatos (Southampton (Hampshire), United Kingdom)

PA2581 **Uncontrolled asthma in the elderly is associated with frailty and dependence.**
Amanda da Rocha Oliveira Cardoso (Goiânia (GO), Brazil), Anna Carolina Galvão Ferreira, Gustavo Camargo De Mello Rosa, Marcelo Fouad Rabahi

PA2582 **A 3-year prospective study to assess characteristics, clinical outcomes and risk factors for exacerbations in patients with asthma, COPD and asthma-COPD overlap.**
Fanny W.S. Ko (Shatin, Hong Kong), Ken Ka Pang Chan, Timothy Ng, Rachel Lai Ping Lo, Jenny Chun Li Ngai, Kin Wang To, Wing Ho Yip, Joyce Ka Ching Ng, Christopher Chan, Charlotte Ho Ying Lau, Stephanie Wing Tone Ho, David Shu Cheong Hui

PA2583 **The influence of mental status disorders on compliance in COPD patients**
Alina Babets (Dnipro, Ukraine), Olha Shchudro, Yuliia Huba, Lyudmyla Konopkina

PA2584 **Osteoporosis in Algerian patients with chronic obstructive pulmonary disease (COPD)**
Tarek Sekhane (Constantine, Algeria), Yacine Djeghri, Abdelbassat Ketfi

PA2585 **Sputum eosinophils can help define the diagnosis in patients with common features of asthma and COPD**
Simone Cordoni (Pavia, Italy), Cristina Novy, Mitela Tafa, Maria Chiara Casale, Caterina Cuomo, Amelia Grosso, Erica Gini, Federica Albicini, Alice Balderacchi, Ilaria Ferrarotti, Angelo Guido Corsico, Davide Piloni

PA2586 **Neutrophilic inflammatory phenotype during exacerbations predicting adverse in-hospital outcomes in Asthma-Bronchiectasis Overlap Syndrome**
Lishan Yuan (Chenddu,Sichuan, China), Xin Zhang

PA2587 **Exercise-induced laryngeal obstruction in a hospital-based cohort with asthma**
Aase Johnsen Rogde (Bergen, Norway), Haakon Kristian Kvidaland, Sverre Lehmann, Thomas Halvorsen, Hege Havstad Clemm, Ola Drange Røksund, Maria Vollsæter, Tiina Maarit Andersen

PA2588 **Obesity and depression predict low adherence in obstructive pulmonary disease: a TAI-based analysis.**
Tina Kokelenberg (Waasmunster, Belgium), Leander Jonckheere, Chelsea De Paepe, Pieter Goeminne, Jonas Yserbyt, Brecht Serraes

PS-17 Session 224 08:00 - 09:30

Poster session: Novel insights into the mechanisms of airways disease from preclinical and translational studies

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Physiology Pulmonary function testing Respiratory intensive care

Tag(s) : Translational

Chairs : Patricia Ramos-Ramírez (Stockholm, Sweden), Aran Singanayagam (London, United Kingdom)

PA2589 **Pollen induces pseudo-allergy via MRGPRX2/MRGPRB2 on mast cells**
Yun Liu (Xi'an, China), Yan Zhang

PA2590 **B cells and Plasma Cells accumulate in lung during allergen-driven airway inflammation and aggregate into tertiary lymphoid follicles**
Andrea Vecchione (Tarrytown, United States), Joseph Devlin, Eva Conde, Subhashini Srivatsan, Caroline Sanden, Dylan Birchard, Hyunjin Kim, Andrew Murphy, Andre Limnander, Wei Keat Lim, Jonas Erjefalt, Seblewongel Asrat, Jamie Orengo

PA2591 **IL-33 expands lung plasma cells and increases autoantibody production**
Eva Conde Garcia (Tarrytown, United States), George Scott, Subhashini Srivatsan, Dylan Birchard, Caroline Sanden, Jonas Erjefalt, Jeanne Allinne, Andrew Murphy, Andre Limnander, Seblewongel Asrat, Jamie Orengo

PA2592 **AdipoR1 expressing Th17 cells produce IL-10 in allergic lung inflammation**
Patricia Ramos-Ramírez (Stockholm, Sweden), Carina Malmhäll, Madeleine Rådinger, Anders Lindén, Apostolos Bossios

PA2593	**Identifying pyroptosis-related subtypes in asthma through gene expression profiles: implications for airway inflammation** Min Li (Kunming, China), Wenye Zhu, Zhuang Luo
PA2594	**Pharmacological inhibition of MutT homolog 1 in allergic airway inflammation** Anna Adler (Lund, Sweden), Jesper Bergwik, Médea Padra, Praveen Papareddy, Tobias Schmidt, Madelene Dahlgren, Robin Kahn, Ulrika Warpman Berglund, Arne Egesten
PA2595	**Exploring the Role of STAT3 phosphorylation in Mediating Airway Hyperresponsiveness in a Model of Corticosteroid-Resistant Asthma** Yishu Xue (Shanghai, China), Yilin Pan, Wuping Bao, Xue Zhang, Lei Zhao, Lei Han, Yali Qiu, Qiang Fu, Hang Su, Xia Fei, Min Zhang
PA2596	**The inhibitor of TIP60 NU9056 could alleviate HDM induced allergic airway inflammation** Yidan Sun (Shanghai, China), Tiantian Zhang, Guochao Shi
PA2597	**Single-cell RNA sequencing with cell-cell communication analyses reveals the impact of osteopontin for ozone-induced airway response** Hiroki Tashiro (Saga, Japan), Yuki Kuwahara, Yuki Kurihara, Koichiro Takahashi
PA2598	**Dueling effects of nocturnal hypoxia in experimental asthma: implications for future therapies** Andres Bruno Rojas Ruiz (Quebec, Canada), Magali Boucher, Cindy Henry, François Marcouiller, Vincent Joseph, Jorge Soliz, Ynuk Bossé
PA2599	**Light mediates allergic airway inflammation by an ipRGC-sympathetic nerve-lung axis** Zhongnan Qin (Hangzhou, China), Jiayi Feng, Chen Zhu, Zhihua Chen, Wen Li
PA2600	**Targeting the airway epithelial cell clock in attenuating airway hyperresponsiveness associated with T2 asthma** Amlan Chakraborty (Manchester, United Kingdom), Jafar Cain, Robert Maidstone, Vishvangi Deugi, Alein Alex, Karolina Krakowiak, Nicola Begley, Julie Gibbs, Hannah Durrington
PA2601	**Mechanism of Lactobacillus Rhamnosus in improving airway mucus hypersecretion in allergic asthma by regulating AhR/Nrf2/ROS/STAT6 pathway through gut-lung axis** Yang'fan Hou (Xi'an, China), Yun Liu
PA2602	**Epithelial immunomodulation by aerosolized TLR agonists prevents allergic lung inflammation by reducing Th2 polarization** Scott Evans (Houston, United States), Mbaya Ntita, Jezreel Pantaleon Garcia
PA2603	**Delineating the molecular mechanism of tslp-driven non type inflammation in Severe Asthma** Efthymia Theofani (Athens, Greece), Christina Anagnostopoulou, Ioanna Galani, Petros Bakakos, Maria Semitekolou, Nikoletta Rovina
PA2604	**Increased Inhibitory Surface Marker PD-1 Expression in CD4+T Cells and Th2+T Cells in Allergen-specific Immunotherapy** Yun Liu (Xi'an, China), Xueyan Jie
PA2605	**Epoxyeicosatrienoic Acids (EETs) in Chronic Obstructive Pulmonary Disease (COPD): Antimitochondrial Fission and Antiapoptotic Effects** LI YUNXIAO (Beijing, China), Lin Fang
PA2606	**Inhibition of ferroptosis attenuates experimental COPD features** Silke Geirnaert (Ghent, Belgium), Tom Vanden Berghe, Koen Augustyns, Philip Hansbro, Ken Bracke
PA2607	**Characterization of T-cell repertoire alteration and inflammation in COPD** Hongru Li (Shanghai, China), Zhaolin Gu, Tingting Wei, Xiaocen Wang, Yulan Qu, Ke Lang, Xinyi Ning, Dong Yang
PA2608	**Impact of Neonatal LPS Exposure on Lung Structure and Disease Susceptibility** Amal Alsomali (khobar, Saudi Arabia), Andrea Cooper, John Pearl, Mrinal Das, Kieran Dewing, Lucy Onions

PS-18 Session 225 08:00 - 09:30

Poster session: Epidemiology of asthma, including severe asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care

Chairs : Joan B Soriano (Madrid, Spain), Freda Yang (London, United Kingdom)

PA2609	**Impact of biologic therapy on the cumulative and running societal financial burden of severe asthma – a 19-year cost analysis** Kjell E J Håkansson (Copenhagen K, Denmark), Rikke Ibsen, Niels Steen Krogh, Marianne Baastrup Soendergaard, Susanne Hansen, Anne-Sofie Bjerrum, Anna Von Bülow, Ole Hilberg, Anders Løkke, Barbara Bonnesen, Claus Rikard Johnsen, Sofie Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Charlotte Suppli Ulrik, Celeste Porsbjerg
PA2610	**Mortality in Severe Asthma** Susanne Hansen (Copenhagen, Denmark), Anna Von Bülow, Alexandra Cooper, Olivia Ernstsson, Patrik Sandin, Hannu Kankaanranta, Lauri Lehtimäki, Christer Janson, Bernt Bøgvald Aarli, Sylvia Packham, Davorka Sekulic, Josephine Wallén, Kirk Geale, Asger Sverrild, Helena Backman, Jussi Karjalainen, Vibeke Backer, Alan Altraja, Paula Kauppi, Valentyna Yasinska, Celeste Porsbjerg, Charlotte Ulrik, Apostolos Bossios
PA2611	**Risk factors and control in severe asthma patients** Ilaria Stanisci (Pisa, Italy), Sandra Baldacci, Sara Maio, Giuseppe Sarno, Anna Antonietta Angino, Patrizia Silvi, Sofia Tagliaferro, Mariachiara Braschi, Maria Beatrice Bilò, Giovanni Viegi, Elisa Iacopini, Sabrina Santerini, Barbara Vagaggini, Francesco Pistelli, Laura Carrozzi
PA2612	**Prevalence of alpha-1antitrypsin deficient alleles in patients with severe asthma** giorgio lorini (Pavia, Italy), Stefania Ottaviani, Vanessa Ronzoni, Giulia Accordino, Amelia Grosso, Ilaria Ferrarotti, Dina Visca, Antonio Spanevello, Martina Zappa, Angelo Guido Corsico, Ilaria Giana, Davide Piloni
PA2613	**Characteristics of Severe Asthmatics commencing Tezepelumab from the South West Asthma Network (SWAN) (UK)** Drew Davies (exeter, United Kingdom), Dinesh Shrikrishna, Gemma Hayes, Rahul Shrimanker, Mathew Masoli
PA2614	**Can sufficient-component cause models improve personalised medicine in severe asthma?** Felix Forster (Munich, Germany)
PA2615	**Characteristics of severe asthma patients with biologic treatment in the Swedish National Airway Register** Fredrik Sundbom (Uppsala, Sweden), Caroline Stridsman, Andreas Palm, Össur Emilsson, Christer Janson
PA2616	**Adult-onset asthma phenotypes by different ages of onset: a cluster analysis in two Swedish cohorts** Daniil Lisik (Gothenburg, Sweden), Helena Backman, Rani Basna, Linnea Hedman, Muwada Bashir Awad Bashir, Selin Ercan, Reshed Abohalaka, Selin Özuygur Ermis, Linda Ekerljung, Caroline Stridsman, Sofia Winsa-Lindmark, Roxana Mincheva, Teet Pullerits, Jan Lötvall, Anne Lindberg, Madeleine Rådinger, Eva Rönmark, Hannu Kankaanranta, Bright I Nwaru
PA2617	**Is the dihydrotestosterone-estradiol ratio related to asthma in males?** Selin Özuygur Ermis (Gothenburg, Sweden), Claes Ohlsson, Carina Malmhäll, Anna Karin Norlén, Selin Ercan, Reshed Abohalaka, Daniil Lisik, Göran Wennergren, Jan Lötvall, Madeleine Rådinger, Linda Ekerljung, Hannu Kankaanranta, Bright I. Nwaru
PA2618	**Asthma is associated with higher social isolation among middle-aged Indian adults: A structural equation analysis of LASI data** Arundhati Bhatkande (Ahmedabad, India), Subhabrata Moitra
PA2619	**Blood neutrophil, lymphocyte and monocyte counts in asthma based on type-2 inflammation** Selin Ercan (Gothenburg, Sweden), Reshed Abohalaka, Pinja Ilmarinen, Lauri Lehtimäki, Saliha Selin Ozuygur Ermis, Daniil Lisik, Muwada Bashir Awad Bashir, Radhika Jadhav, Helena Backman, Göran Wennergren, Linda Ekerljung, Jan Lötvall, Teet Pullerits, Madeleine Rådinger, Bright Nwaru, Hannu Kankaanranta
PA2620	**Use and over-use of SABA inhalers among Australian adults from a nationally representative survey** Helen Reddel (Sydney, Australia), Maria Ampon, Leanne Poulos, Brett Toelle, Guy Marks
PA2621	**Perinatal factors are associated with the severity of airflow obstruction in patients with asthma** Maria Ödling (Stockholm, Sweden), Jon R Konradsen, Caroline Stridsman, Niklas Andersson, Helena Backman
PA2622	**Inequalities in asthma outcomes in England: a national cohort study** Zakariah Gassasse (London, United Kingdom), Ian Sinha, Gwyneth A Davies, Aziz Sheikh, Hannah Whittaker, Constantinos Kallis, Jennifer Quint
PA2623	**To explore factors associated with non-engagement in asthma care** Constantinos Kallis (London, United Kingdom), Huayi Huang, Irtiza Quareshi, David Lo, Gwyneth Davies, Deborah Fitzsimmons, Tracy Jackson, Emma Kinley, Medina Maluk, Manish Pareek, Jessica Sheringham, Martin Williams, Erol Gaillard, Hilary Pinnock, Jennifer Quint
PA2624	**Unveiling the association between asthma control and frailty in older asthmatics: A cross-sectional study** Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Fernando Holguin, Márcia M M Pizzichini, Vanessa Arata, Pedro Fagundes Tavares, Fernando G Figueiredo, Bruna G F Pires, José De Bessa Jr, Álvaro A Cruz

PA2625	**Pleiotropic effects of asthma genetic risk scores partitioned using cell-specific epigenomic profiles** Matthew Saward (Holmfirth, United Kingdom), Lianne Trap, Ralph Stadhouders, Liam Heaney, Ian Sayers, Katherine Fawcett
PA2626	**Prescribing trends and Environmental Impact of Inhaled Medicines in Australia** Sharon Lam (East Perth, Australia), Olivia Walsh, Vidya Navaratnam, Danielle Wurzel, Brett Montgomery, John Blakey
PA2627	**A comparison of asthma diagnosis defined by self-reporting, clinical coding and objective biomarkers** Rachel Scott (Bristol, United Kingdom), Jack Grenville, Caitlin Morgan, George Nava, James Dodd
PA2628	**Epigenome-wide association study (EWAS) of childhood asthma and/or hay fever in a farming environment** Sonali Pechlivanis (Munich, Germany), Emma Thompson, Carole Ober, Erika Von Mutius

PS-19 Session 226 08:00 - 09:30

Poster session: Environmental impact on COPD and lung function

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary function testing | Epidemiology | Public health | Physiology | Imaging

Chairs : Isabella Annesi Maesano (Montpellier, France), XINHUI WU (Winnipeg, Canada)

PA2629	**Short-term effects of physical activity and air pollution exposure on the daily respiratory symptoms of people with COPD** Alícia Josa-Culleré (Barcelona, Spain), Lidia Morawska, Paula Alvarez, Joren Buekers, Victoria Alcaraz, Marta Cirach, Antònia Valentín, Beatrix Vereijken, Dimitrios Megaritis, Nuria Celorrio, Laura Delgado-Ortiz, Sarah Koch, Judith Garcia-Aymerich
PA2630	**Evaluating chronic obstructive pulmonary disease mortality clusters and proximity to toxic release inventory facilities in North Carolina, USA** Roy Pleasants (Cary, United States), Veeranna Maddipati, Gregory Kearney
PA2631	**Impact of chronic biomass smoke exposure on pulmonary function and respiratory health in elderly women: A Rural perspective** Burcu Turan (Istanbul, Turkey), Baran Balcan
PA2632	**Air pollution and exacerbation of chronic obstructive pulmonary disease in three Latin American cities** Astrid Berena Herrera Lopez (Bogota, Colombia), Carlos Arturo Torres-Duque, Alejandro Casas Herrera, María Patricia Arbeláez Montoya, Horacio Riojas-Rodríguez, Néstor Y. Rojas Roa, Fabio Bolivar Grimaldos, Leslie Vargas-Ramírez, Claudia Diaz Bossa, Laura Andrea Rodríguez-Villamizar
PA2633	**Household air pollution and PM2.5 exposure are risk factors for chronic obstructive pulmonary disease in females** Yan Liu (Beijing, China), Yanyan Li, Jia Cui, Yaqi Tong, Yuxia Wang, Yali Ma, Yanming Li, Tieying Sun, Yanfei Guo
PA2634	**Long-term ambient nitrogen dioxide exposure and COPD: a systematic review and quantitative synthesis** Tessa Haverkate (Rotterdam, Netherlands), Periklis Charalampous, Elia Gonzato, Susanne Breitner-Busch, Juanita Haagsma
PA2635	**Association between alcohol intake and small airways obstruction: findings from the UK Biobank** Jixuan Ma (Wuhan, China), Valentina Quintero Santofimio, James Potts, Andre F. S. Amaral
PA2636	**Investigation of the presence of microplastics and their clinical significance in patients with exacerbation and stable periods of chronic obstructive pulmonary disease** ismail Aydın (KIRIKKALE, Turkey), Ayse Baccioglu, Aysegul Tuna
PA2637	**Unraveling the exposome of severe exacerbations of obstructive respiratory diseases in France** Colas TCHERAKIAN (Suresnes Cedex, France), Isabella Annesi-Maesano, Julien Cottet, Christiane Pochulu, Léa Antoniali, Aurélie Chekroun Martinot, Fayssoil Fouad, Floriane Huret, Véronique Marcade-Fulcrand, Mathieu Rose, Thomas Sejourné, Priscille De La Tour, Nicolas Molinari
PA2638	**Air pollution exposure and lung function: preliminary results from the NAKO study** Patrick Wincy Reyes (Düsseldorf, Germany), Sara Kress, Claudia Wigmann, Tamara Schikowski
PA2639	**The association between ambient temperature and respiratory health** Eun Chong Yoon (Seoul, Republic of Korea), Hee-Young Yoon
PA2640	**Impact of London's Ultra Low Emission Zone (ULEZ) on lung development in children: results from the CHILL cohort study** Helen Wood (London, United Kingdom), Hajar Hajmohammadi, Rosamund Dove, James Scales, Ivelina Tsocheva, Harpal Kalsi, Jasmine Chavda, Jessica Mitchell, Veronica Toffolutti, Borislava Mihaylova, Chris Newby, Beth Stuart, Esther Van Sluijs, Aziz Sheikh, W J Gauderman, Gurch Randhawa, Ian Mudway, Chris Griffiths

PA2641	**Polycyclic aromatic hydrocarbons (PAHs) in air pollution linked to lung function decline and emphysema in COPD** Chun-Hua Wang (Taipei, Taiwan), Yung-Liang Wan, Jung-Ru He, Chon-Lin Lee, Kian Fan Chung
PA2642	**Associations between environmental exposures and the lung function plateau** Diana M. Hendrickx (Utrecht, Netherlands), Gerard H. Koppelman, Judith M. Vonk, Jolanda M.A. Boer, Hans Jacob L. Koefoed, Marieke Oldenwening, Roel C.H. Vermeulen, Ulrike Gehring
PA2643	**Relationship between biomass exposure and lung health in children in the Nepal family Cohort Study (NeFCoS): findings from the baseline data** Om Prakash Kurmi (Coventry, United Kingdom), Nagendra Chaudhary, Harpal Randeva, Ioannis Kyrou, Suman Pant, Ashesh Dhungana, Gayathri Delanerolle, Edwin Van Teijlingen, Paramjit Gill
PA2644	**Heavy Metals and Their Relationships with Lung Function and Airway Inflammation: Insights from a Population-Based Study** Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang
PA2645	**Unveiling the impact of poor air quality index on mortality in patient with respiratory diseases** Muhammad Sajjad Sarwar (Bahawalpur, Pakistan)
PA2646	**Long-term exposure to black carbon and mortality in the Danish Nurse Cohort** Marie Bergmann (København K, Denmark), Rina So, Jiawei Zhang, Youn-Hee Lim, Cale Lawlor, Kajsa Pira, Anna Oudin, Ebba Malmqvist, Zorana Jovanovic Andersen
PA2647	**The Impact of Air Pollution on Respiratory Admissions: A Study of Hospitalization Rates in Athens, Greece** EMMANOUIL VERYKAKIS (Athens, Greece), Antonios Analytis, Konstantina Dimakopoulou, Dimitrios Stamatiou, Georgia Kontonasiou, Evangelia Samoli, Anna Karakatsani
PA2648	**Dietary antioxidants may protect against long-term effects of extreme PM2.5 exposure on respiratory symptoms** Michael J. Abramson (Melbourne (VIC), Australia), Thara Govindaraju, Catherine L. Smith, Jillian Ikin, Alice Owen, Matthew T.C. Carroll, Brigitte M. Borg, Caroline X. Gao, David Brown, David Poland, Karen Walker-Bone, Tracy Mc Caffrey, Tyler J. Lane

PS-2 Session 227 08:00 - 09:30

Poster session: Enhancing and further understanding the benefits of pulmonary rehabilitation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care

Chairs : William Man (Harefield, United Kingdom), Chair to be confirmed

PA2649	**Intra- and Inter-Day Variability of FeNO in Asthma Patients During Inpatient Pulmonary Rehabilitation** Rainer Gloeckl (Schoenau am Koenigssee, Germany), Daniela Kroll, Gaffar Abdullayev, Inga Jarosch, Tessa Schneeberger, Christoph Nell, Rembert Koczulla
PA2650	**Impact of pulmonary rehabilitation on body composition in patients with COPD** Bente Brauwers (Heerlen, Netherlands), Frits Franssen, Paula Van Melick, Roy Meys, Rosanne Beijers, Jeroen Van Hees, Bram Van Den Borst, Chris Burtin, Felipe Machado, Martijn Spruit
PA2651	**The effect of Pulmonary Rehabilitation on Bone Mineral Density in COPD patients.** Andreas Daskalakis (N. Smyrni - Athens, Greece), Irini Patsaki, Maria Papandreou, Afroditi Evangelodimou, Irini Grammatopoulou
PA2652	**RESPIRATORY REHABILITATION AND INSULIN RESISTANCE IN COPD PATIENTS: PRACTICAL ASPECTS** Olha Lemko (Uzhgorad, Ukraine), Margarita Haysak, Diana Reshetar, Natalia Vantiukh, Svitlana Lukashchuk
PA2653	**Impact of echocardiographic abnormalities on pulmonary rehabilitation outcomes in patients with COPD** Cássia Goulart (São Carlos, Brazil), Sarah Houben-Wilke, Martijn A. Spruit, Nicole H.M.K. Uszko-Lencer, Audrey Borghi-Silva, Frits M.E. Franssen
PA2654	**A study of in-patient setting in chronic lung disease patients with exacerbation who received pulmonary rehabilitation during hospitalization in Faculty of Medicine, Ramathibodi hospital.** Saranyu Bunyaphothi (Bangkok, Thailand), Naparat Amornputtisathaporn
PA2655	**Eligibility for Prophylactic Azithromycin in individuals with COPD attending pulmonary rehabilitation** William Man (Harefield, United Kingdom), George D Edwards, Timothy Jenkins, Karen A Ingram, Samantha Kon, Claire M Nolan
PA2656	**A scoping review of peer support interventions to facilitate the uptake of pulmonary rehabilitation in COPD** Samantha Hayes (Liverpool (Merseyside), United Kingdom), Andy Levy, Joy Gana-Inatimi, Adrian Midgley

PA2657	**Late Breaking Abstract - Whole-body electrical stimulation: a new technology for COPD** Natiele Camponogara Righi (Porto Alegre, Brazil), Jociane Schardong, Andreza Luzia Jung, Jean Mesquita, Andrieli Barbieri Garlet, Gustavo De Castro Barroso, Maria Eduarda Souza Cezar, Bianca Lino Dos Santos Lopes, Grazielle Couto Da Silva, Tainara Conrad Bassani, Luana Brum De Jesus, Lidiane Martins Santos, Juliessa Florian, Matheus Elias Ferrareze, Henrique Da Costa Huve, Paulo Eugênio Silva, Fabrício Farias Da Fontoura, Luis Ulisses Signori, Antônio Marcos Vargas Da Silva, Graciele Sbruzzi, Rodrigo Schmidt, Rodrigo Della Méa Plentz
PA2658	**Predictors of completing pulmonary rehabilitation in the UK** Holly Drover (Leicester, United Kingdom), Lin Wang, Mark W Orme, Matthew Richardson, Jennifer K Quint, Rachael Evans, Sally J Singh, Enya Daynes
PA2659	**Guiding STAR: can we predict success in COPD Pulmonary Rehabilitation?** Andreia Casimiro Daniel (Beja, Portugal), Gisela Gomes, Patrícia Martins, Maria Miguel, Marta Baião, Ana Gomes, Sílvia Rodrigues, Tiago Sequeira, Miguel Constante, Susana Clemente, Ana Rolo Duarte, Ana Borges, Filipa Todo Bom
PA2660	**Pulmonary rehabilitation (PR) using minimal or specialist equipment:effects on quadriceps strength** Melanie Palmer (Uxbridge (Middlesex), United Kingdom), Suhani Patel, George Edwards, Timothy Jenkins, Karen Ingram, Claire Nolan, William Man
PA2661	**The magnitude of pulmonary rehabilitation-induced improvements in health outcomes is independent of age category in COPD** Nikolaos Chynkiamis (Ilion, Greece), Angelos Vontetsianos, Christiana Lekka, Christina Anagnostopoulou, Spyros Kanakopoulos, Thomi Karanika, Annita Papasarantou, Zafeiris Louvaris, Andrianna Papaioannou, Grigoris Stratakos, Petros Bakakos, Nikolaos Koulouris, Ioannis Vogiatzis, Georgios Kaltsakas
PA2662	**Monitoring rehabilitation at the patient's home: free website and user-friendly customization tutorial for healthcare professionals** Ramón Farré Ventura (Barcelona, Spain), Ariadna Sabala, Donough Mcbrearty, Ailis Loughnane, Jorge Otero, Nuria Farre
PA2663	**Cost and carbon footprint comparison of mobile pulmonary rehabilitation (m-PR) and centre-based pulmonary rehabilitation** Sarah Brown (Melbourne, Australia), Michelle Cunich, Sally Wootton, Marita Dale, Jennifer Alison, Andrew Chan, Marlien Varnfield, Ian Yang, Zoe Mckeough
PA2664	**Application of Virtual Reality - Assisted Respiratory Rehabilitation Training in Patients with Chronic Respiratory Diseases: A Randomized Controlled Trial** Na Yao (Changchun of Jilin province, China), Hongjing Lin, Zeyu Qin
PA2665	**Pulmonary rehabilitation with negative pressure ventilation (NPV) attenuates lung function decline, limits exercise-induced desaturation and increases walking distance in idiopathic pulmonary fibrosis (IPF)** Te Fang Sheng (Taoyuan, Taiwan), Hung-Yu Huang, Ji Hkah Chen, Kian Fan Chung, Chun-Hua Wang
PA2666	**Quadriceps electrical stimulation as an adjunct to pulmonary rehabilitation: a pilot randomised controlled trial** William Man (Harefield, United Kingdom), Jack Taylor, Sarah Jones, Suhani Patel, Ruth Barker, Karen Ingram, Claire Nolan, Matthew Maddocks
PA2667	**The role of artificial intelligence in respiratory rehabilitation** (Changchun, China)
PA2668	**Effect of a hybrid pulmonary rehabilitation programme on performance status in patients eligible for lung transplant** Shubham Agarwal (Lucknow, India), Anant Mohan, Vidushi Rathi, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tejas Suri, Randeep Guleria, Milind Hote, Manoj Sahu, Sandeep Seth, Aarti Vij, Swati Yadav, Maroof Khan

PS-20 Session 228 08:00 - 09:30

Poster session: Tobacco cessation: from behavioural support to pharmacotherapy

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Public health Epidemiology Pulmonary function testing General respiratory patient care Pulmonary rehabilitation

Chairs : Paraskevi Katsaounou (Athens, Greece), Chair to be confirmed

PA2669	**A study of different smoking cessation treatments at the anti-smoking clinic of virgen del rocío hospital in seville** David Echavarria (Sevilla, Spain), Oliviero Ruiz, Maria Ruiz-Serrano, Pedro García, Marco Mesa, Carolina Bravo, Candido Fernandez, Maria Dolores Núñez, Francisco Ortega
PA2670	**Smoking cessation after a hospital admission - Who remains abstinent after discharge?** Pedro Viegas (Vila Nova de Gaia, Portugal), Leonor Roseta, Marta Sá Marques, Daniel Coutinho, Paula Faustino, Manuel Preto, Teresa Almeida, Ivone Pascoal

PA2671	**Smoking cessation in cancer patients: still a gap to fill?** Chiara Veronese (Milano, Italy), Roberto Mazza, Elena Munarini, Elisa Cardani, Debora Spitaleri, Roberto Boffi
PA2672	**Impact of immediate appointment scheduling on quit success at first year follow ups: Mid-term outcomes of a randomized trial of smokers with chronic airway diseases** Dilek Karadoğan (Rize, Turkey), Tahsin Gökhan Telatar, Ilknur Kaya, Siahmet Atlı, Neslihan Köse Kabil, Feride Marım, Merve Yumrukuz Şenel, Aycan Yüksel, Burcu Yalçın, Ökkeş Gültekin, Merve Erçelik, Metin Akgün
PA2673	**Real world data of two months cytisine administration for smoking cessation** Vasiliki Petta (Athens, Greece), Nikolaos Athanasiou, Georgios Poupouzas, Vasiliki Ntoumou, Konstantina Dede, Aliki Korkontzelou, Konstantinos Thomas, Xaralampos Georgiadis, Zafeiria Barbaressou, Paraskevi Katsaounou
PA2674	**Smoking cessation support for hospitalised patients with COPD: A clinical intervention study** Jannie Frølund (Vejle, Denmark), Anders Løkke, Ingeborg Farver-Vestergaard
PA2675	**Changes in smoking behavior after the diagnosis of their lung cancer** sirine khemiri (tunsiia, Tunisia), Hajer Racil, Sarra Maazaoui, Amany Touil, Mariem Chaabene, Tasnime Zneugui, Sonia Habibech, Nawel Chaouch
PA2676	**Analysis of smoking habits and cessation strategies in 150 tunisian smoking patients** Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Nawres Hamdawi, Dorra Greb, Hanene Smadhi, Leila Elfekih
PA2677	**Bridging the gaps in inpatient tobacco dependency management: A quality improvement project** Chaw Hsu (Stevenage, United Kingdom), Myat Thin, Muhammad Arif
PA2678	**The effect of tobacco consumption methods on smoking cessation success** Oksana Poberezhets (Vinnytsia, Ukraine), Volodymyr Tsmok, Sofia Borysenko, Khrystyna Volnytska, Svitlana Kovalenko
PA2679	**Sociodemographic factors for hospitalized exacerbation in non-smoker and smoker with COPD: insights from a Chinese prospective cohort study** Zhoude Zheng (Beijing, China), Ke Huang, Wei Li, Hongtao Niu, Jieping Lei, Fen Dong, Xinyao Tang, Richard Russell, Mona Bafadhel, Ting Yang, Chen Wang
PA2680	**Ophthalmological Effects of Electronic Cigarettes** Mercedes Segura Romero (Málaga, Spain), Sara Sánchez Martin, Daniel Enrique Vega Lizarazo, Elena Condorelli, Eva Cabrera César, José Luis Velasco Garrido
PA2681	**Pack-years predict COPD-like symptoms and underscore risk in smokers without known lung disease** Magno F Formiga (Fortaleza, CE, Brazil), Jennifer Wendy Teixeira Façanha, Artur Solon Lima, Roberta Catunda Costa, Andressa Rodrigues De Souza, Rafael B Mesquita
PA2682	**Epidemiological study of early detection of young COPD in pod e-cigarettes smokers and traditional cigarette smokers of the Volyn Region of Ukraine.** Oleh Yakovenko (Lutsk, Ukraine), Alla Hrytsiuk, Inna Matrunchyk, Olena Novosad, Oleh Lysiuk, Olha Korzhyk, Oleksandr Dziublyk, Oksana Viltsaniuk, Tetiana Yakovenko
PA2683	**The relationship between nicotine addiction and risk-taking among cigarette and e-cigarette users** Ebru Bilir (İstanbul, Turkey), Nazlı Zeynep Uslu, Arif Ataberk Büyükyatikci, Eleanore Altunay, Merih Kalamanoglu Balci
PA2684	**Novel cytisine regimen for smoking cessation: preliminary real-life effectiveness and tolerability data** Claudia Meschi (Pisa (PI), Italy), Valentina Bessi, Giacomo Guglielmi, Lucia Lupetti, Laura Carrozzi, Francesco Pistelli
PA2685	**Comparison of heat-not-burn-tobacco-products and cigarette use effect on lung health deterioration in adults** Aida Mujakovic (Sarajevo, Bosnia and Herzegovina), Saied Al Salloum, Besim Prnjavorac, Belma Paralija, Emir Čokić
PA2686	**Short-term changes in respiratory function and diffusion in dual smokers.** Aldo Pezzuto (Roma, Italy), Alberto Ricci, Alessia Pacini, Giosue' Amoroso, Valerio Brigato, Noemi Calabro', Teresa Palermo, Gerardo Salerno
PA2687	**Snus use is associated with elevated levels of Troponin I among younger individuals** Ulf Nilsson (Umeå, Sweden), Hermon Amman, Magnus Lundbäck, Linnea Hedman, Jenny Bosson Damewood
PA2688	**Trends in the mortality burden of Chronic Obstructive Pulmonary Disease attributable to secondhand smoke Globally and in Greece: 1990-2021** PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

PS-21 Session 229 08:00 - 09:30

Poster session: Paediatric asthma: new management and training strategies to improve clinical outcomes

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Physiology Pulmonary function testing Public health Cell and molecular biology

Chairs : Peter Csonka (Tampere, Finland), Evelien R. van Meel (Rotterdam, Netherlands)

PA2689	**Late Breaking Abstract - Nasal transcriptomic profiling of children with severe childhood asthma reveals distinct molecular subgroups related to epithelial function** Benedetta Romano (Amsterdam, Netherlands), Jelle M. Blankestijn, Mahmoud I. Abdel-Aziz, Yoni Van Dijk, Giuseppe Ercolano, Angela Ianaro, Simone Hashimoto, Niels W. P. Rutjes, Bart Van Ewijk, Kornel Golebki#, Susanne J.H. Vijverberg#
PA2690	**Late Breaking Abstract - Changes in asthma diagnosis and treatment in children during the war in Ukraine** Tayisiya Krasnova (Kyiv, Ukraine), Carina Nigg, Leonie Schreck, Mandukhai Ganbat, Nicolas Regamey, Carmen Casaulta, Olena Koloskova, Galyna Bilyk, Tetiana Umanets, Claudia Kuehni
PA2691	**Effectiveness of single inhaler MART for young children with severe asthma - Service evaluation** Sara Ahmad Adnan Kussad (Nottingham, United Kingdom), Alex Tom, Aminah Ali, Amina Shabbir, Anneka Sareen, Jayesh Bhatt, . Nottingham Respiratory Service, Matthew Hurley
PA2692	**FENO and minimal clinically significant changes in asthmatic children a month after step down** Doris Primrose (Martinez Buenos Aires, Argentina), Gimena Donth Leger, Magdalena Vocos, Marcela Roque, Carlos Velasco Suarez, Juan Manuel Figueroa
PA2693	**A transition program for adolescents and young adults with bronchial asthma** Alessia Catalisano (Firenze, Italy), Davide Versari, Sonia Rizzello, Rubina Giulia Girolamo, Elisa Bentivegna, Greta Insalata, Martina Maria Marinato, Luca Paita, Alberto Bracciali, Niccolò Marello, Chiara Marzi, Enrico Lombardi, Chiara Allegrini, Gianna Camiciottoli
PA2694	**Feasibility of a personalised medicine clinic for children with asthma: The PRISTINE 2 study** Tom Ruffles (Brighton, United Kingdom), Ciara Holden, Elaney Youssef, Colin Palmer, Christina Jones, Somnath Mukhopadhyay
PA2695	**A retrospective observational study to show low igE level in children with high allergy ,having history of covid 19 infection.** Himanish Roy (Kolkata, India)
PA2696	**Performance of reusable and disposable spacers in simulated pediatric breathing.** Laura Ojanperä (tampere, Finland), Lauri Lehtimäki, Balázs Kelemen, Péter Csonka
PA2697	**Aerosol delivery using pediatric valved holding chamber face masks under real-life application pressure** Andrea Winzen (Gräfelfing, Germany), Yvonne Burmeister, Karin Steinführer, Luisa Rossmann, Arshan Perera
PA2698	**Impact of an educational intervention program for asthma exacerbation in pediatric depts among healthcare professionals in twenty hospitals in Greece** Elpis Hatziagorou (Thessaloniki, Greece), Athina Karageorgiou, Fotios Kirvassilis, Elissavet-Anna Chrysochoou, Eleni Papastergiou, Maria Galogavrou, John Tsanakas
PA2699	**Impact of a Multidisciplinary Program in the Categorization and Management of Children with Severe Asthma** Alvaro Teijeiro (Córdoba, Argentina), Andrés Grenat, Silvia Gomez, Carolina Bustos, Benigno Morales, Mariana Prunier, Analia Arteaga, Andrew Bush
PA2700	**Network CYP Asthma Practitioners - Creating connections and improving care** Laura King (Essex, United Kingdom), Jessica Russell, Chinedu Nwokoro, Abigail Whitehouse
PA2701	**Maintenance and reliever therapy (MART) in children less than 12 Years: A single-centre retrospective study** Neha Ahuja (Newcastle, United Kingdom), Zoe Rooke, Caroline Harris, Michael Mckean, Samantha Moss
PA2702	**Healthcare team adherence to an asthma attack management protocol in hospitalized patients: a retrospective cohort study** Mariana Mazzuca Reimberg (São Paulo (SP), Brazil), Bruna Tateyama, Mariana Britto, Alayne Yamada, Vilma Soares, Luana Casari, Joyce Liberali
PA2703	**Paediatric asthma diagnosis in Switzerland: A national survey** Beatriz Guerra Buezo (Bern, Switzerland), Mari Sasaki, Lorenz Leuenberger, Sarah Glick, Erol Gaillard, Alexander Moeller, Nicolas Regamey, Oliver Sutter, Myrofora Goutaki, Claudia Kuehni

PA2704	**Reducing delays in corticosteroid administration in children with asthma: A pre-post test intervention study** Luna Antonino (Edegem, Belgium), Eva Goossens, Josefien Van Olmen, Stijn Verhulst, Kim Van Hoorenbeeck
PA2705	**Integrating data on the breathed environment into clinical practice – experience from a new environmental clinic** Charlie Moorcroft (London, United Kingdom), Charles Moorcroft, Jonathan Grigg, Abigail Whitehouse
PA2706	**Reliability and validity of test for respiratory and asthma control in kids (TRACK) score in Indian preschool children** Kalyanaprabhakaran Balamurugan (rajasthan, India), Prawin Kumar, Jagdish Prasad Goyal
PA2707	**CONFIRM Score in Pediatric Asthma** Francesca Galletta (Messina, Italy), Amelia Licari, Simone Foti Randazzese, Antonella Gambadauro, Sara Manti
PA2708	**Comparison of as-required versus regular weaning inhaled salbutamol post-acute wheezing** Kah Wee Teo (Glenfield, United Kingdom), Dylan Whitaker, Karena Fraser

PS-22 Session 230 08:00 - 09:30

Poster session: Neonatal and paediatric respiratory care and prematurity-related respiratory sequelae

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care Pulmonary function testing General respiratory patient care Epidemiology Imaging Cell and molecular biology Public health

Chairs : Christopher Harris (London, United Kingdom), Chair to be confirmed

PA2709	**Explainable AI to identify nutritional factors that affect respiratory outcomes in very preterm infants** Emanuela Zannin (Monza (MB), Italy), Linda Greta Dui, Valentina Bozzetti, Simona Ferrante, Maria Luisa Ventura
PA2710	**Using a point-of-care device to predict prolonged respiratory support in moderate- and late-preterm neonates** William Carey (Rochester, United States), Brianna Leigh, Lavonne Liedl, Amy Amsbaugh
PA2711	**Preschool lung function trajectories following preterm birth: a retrospective, cohort study** Anna Lavizzari (Milano (MI), Italy), Chiara Curreli, Marijke Ophorst, Nicola Pesenti, Nicole Sirianni, Valentina Polimeni, Silvana Gangi, Maria Beatrice Marangoni, Valentina Tiraferri, Mariarosa Colnaghi, Monica Fumagalli, Fabio Mosca
PA2712	**Lung MRI and respiratory function assessment at term in preterms whitouth bronchopulmonary dysplasia (no-BPD)** Denis Lombardo (Milan, Italy), Vincenzo Guaia, Giulia Ricci, Gianluca Lista, Francesca Castoldi, Alice Munari, Salvatore Zirpoli, Valeria Calcaterra, Lucia Labati, Gian Vincenzo Zuccotti, Francesco Cavigioli
PA2713	**Artificial intelligence for quality control of lung reactance values measured by oscillometry in newborns** Elena Barzanti (Milano, Italy), Camilla Rigotti, Maria Luisa Ventura, Raffaele Dellaca', Emanuela Zannin*, Chiara Veneroni*
PA2714	**Exploring effects of nebulized epinephrine in treating bronchiolitis: a randomized, single-blind, placebo-controlled, single-center study.** Simone Foti Randazzese (Messina, Italy), Immacolata Rulli, Fabio Toscano, Sara Manti, Eloisa Gitto
PA2715	**Early plasma protein profiles associated with bronchopulmonary dysplasia in extremely preterm infants** Susanna Klevebro (Segeltorp, Sweden), Mohit Panwar, Dirk Wackernagel, Ingrid Pupp, Sophia Björkander, Hanna Danielsson, Mathias Uhlén, Liv Vallin, Karin Sävman, David Ley, Aldina Pivodic, Ann Hellström, Anders K Nilsson
PA2716	**Diaphragm Ultrasound and Spontaneous Breathing Trial in Predicting Neonatal Extubation: An Accuracy Study** Paulo Magalhaes (Petrolina, Brazil), Edinely Nelo, Deivid Siqueira, Cyda Reinaux, Fernando Lemos, Bárbara Bernardo Figueirêdo
PA2717	**Trends in severe bronchiolitis management and patient factors associated with invasive ventilation.** Lainey Smith (Brisbane, Australia), Timothy Hanrahan, David Royan, Catherine Mcdougall
PA2718	**Long-term respiratory sequelae of severe Chronic lung disease of prematurity** Scott Leigh (hertfordshire, United Kingdom), Sophie-Grace Stevenson, Christopher Edwards, Laura Walker
PA2719	**Long term impact of severe Chronic Lung Disease of Prematurity on child development** Sophie-Grace Stevenson (Leeds, United Kingdom), Scott Leigh, Laura Walker, Christopher Edwards
PA2720	**The assessment of ventilatory weaning following methylprednisolone pulses in extremely preterm neonates on respiratory support at 36 weeks postmenstrual age** Celine Delestrain (Creteil, France), Aurélie Zheng, Xavier Durrmeyer, Stephanie Droutman, Richard Wolff, Dassieu Gilles, Mickael Shum, Ralph Epaud, Tauzin Manon

PA2721 **Standardised spirometry follow-up of 8-year-old born very preterm: a feasibility study**
Sanne Honkoop (Leiden, Netherlands), Veronica Van Der Land, Monique Rijken, Ratna Tan

PA2722 **Difficult-to-wean bronchopulmonary dysplasia beyond the NICU: management and outcomes in a tertiary respiratory centre**
Kristien Vanhaverbeke (Opwijk, Belgium), Siobhan Kenny, Rishi Pabary, Hui-Leng Tan, Siobhán B Carr

PA2723 **Association Of Gestational Exposure to Black Carbon and Birth Weight: Evidence From Denmark and Sweden**
Zorana Andersen (Frederiksberg, Denmark), Jiawei ZHANG, Kajsa Pira, Marie Bergmann, Rina So, George Maria Napolitano, Cale Lawlor, Tanya Andersson Nystedt, Youn Hee Lim, Matthias Ketzel, Anna Oudin, Marie Pedersen, Ebba Malmqvist

PA2724 **The BEGIN Study Bifidobacterium infantis to newborns: Effects of modulating the gut microbial composition on infections and inflammatory conditions, a randomized controlled double-blinded intervention trial**
Marie Philipsen (Aarhus N, Denmark), Sune Rubak, Kurt Kristensen, Tine B Henriksen

PA2725 **A Pilot Study of Lung Clearance Index as a Useful Outcome Marker in the 6 years follow-Up of premature children with broncho pulmonary dysplasia.**
Elena Ceniccola (Paris, France), Virginie Coatrieux, Natascha Remus, Plamen Bokov, Ralph Epaud, Celine Delestrain

PA2726 **Late Breaking Abstract - Blood neutrophil count at birth correlates with bronchopulmonary dysplasia diagnosis at 36 weeks and worse lung function at 44 weeks post menstrual age in very preterm infants**
Maria Giulia Conti (Roma, Italy), Laura Petrarca, Raffaella Nenna, Elio Iovine, Domenico La Regina, Rebecca Morelli, Enrica Mancino, Sara Ialongo, Camilla Gizzi, Francesca Gallini, Simonetta Costa, Gianluca Terrin, Enea Bonci, Fabio Midulla

PA2727 **Late Breaking Abstract - Comparison of lung function, persistent inflammation, and impaired oxidative stress response in preterm and term infants**
Maria Giulia Conti (Roma, Italy), Diego Baur, Fabienne Decrue, Malena Gwerder, Olga Gorlanova, Carla Rebeca Da Silva Sena, Noëmi Künstle, Benjamin Stöcklin, Sven Schulzke, Jakob Usemann, Philipp Latzin, Urs Frey, Pablo Sinues

PA2728 **Late Breaking Abstract - The role of hyperoxia-induced pulmonary macrophages in the pathogenesis of bronchopulmonary dysplasia**
Ariani Syafitri Rahadian (Heidelberg, Germany), Sara D'Agostino, Verena Rickert-Zacharias, Rory E. Morty, Ivana Mižik

PS-23 Session 231 08:00 - 09:30

Poster session: Sleep, sleep-disordered breathing and chronic respiratory insufficiency in children II

Disease(s) : Sleep and breathing disorders | Interstitial lung diseases | Airway diseases

Method(s) : Physiology | Epidemiology | General respiratory patient care | Pulmonary function testing | Surgery | Public health

Chairs : Maria Slaats (Rotterdam, Netherlands)

PA2729 **Assessment of sleep-disordered breathing and sleep quality in childhood interstitial lung disease: a single-center experience**
Sinem Can Oksay (İstanbul, Turkey), Özge Ulgen, Eda Gurler, Yasemin Mocan Çağlar, Saniye Girit

PA2730 **Respiratory function tests in children with asthma and sleep disordered breathing**
Melania Evangelisti (Roma (RM), Italy), Sabrina Fioroni, Mario Barreto, Margherita Currà, Marco Graziani, Marco Del Pozzo, Martina Forlani, Manuela Cecili, Cecilia Brughitta, Benedetta Bovolenta, Pasquale Parisi, Maria Pia Villa

PA2731 **Should we screen children with obesity for nocturnal hypoventilation?**
Dorottya Antics (Budapest, Hungary), Judit N. Kelemen, Eszter Muzslay, Zsófia Lendvai, Luca Valkó, Szabolcs Baglyas, Benjámin J. Hérák, Boglárka Kucsera, Koppány Lörincz, Andrea Luczay, Attila J. Szabó, Dorottya Czövek

PA2732 **Sleep-disordered breathing in Prader-Willi syndrome: The role of sleep studies and effect of growth hormone therapy**
Geezette Gulpo (Kent, United Kingdom), Karen Lorraine Acosta, Ching-San Ang, Kirsi Mamivaara, Evelien Gevers, Suren Thavagnanam

PA2733 **Sleep-disordered breathing in patients with prader-willi syndrome**
Eda Esra Baysal (İstanbul, Turkey), Merve Selçuk Balcı, Şeyda Karabulut, Ceren Ayça Yıldız, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Neval Metin Çakar, Meltem Sabancı, Almala Pınar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Fazilet Karakoç, Bülent Karadağ

PA2734 **OSA phenotypes in Down syndrome patient.**
Haneen Toma (Doha, Qatar), Amal Alnaimi

PA2735	**Evaluation of sleep-related breathing disorders and polysomnography findings in pediatric patients with achondroplasia** Raziye Atan (Ankara, Turkey), Nagehan Emiralioğlu, Meltem Akgül Erdal, Dilara Demirel, Betül Çakır, Ebru Yalçın, Deniz Doğru, Gizem Ürel Demir, Pelin Özlem Şimşek-Kiper, Gülen Eda Utine, Uğur Özçelik
PA2736	**Phenotypic variability in preoperative respiratory function in children with genetic conditions and scoliosis** Mihaela Oros (Bucuresti, Romania), Lucica Baranga, Alexandru Thiery, Raluca Ghita, Ruxandra Oana Alius
PA2737	**Perioperative changes in pulmonary function in children with spinal muscular atrophy receiving disease-modifying treatments** Sophie Denamur (Paris, France), Mathilde Gaume, Susana Quijano Roy, Clélia Thouement, Guillaume Aubertin, Harriet Corvol, Raphael Vialle, Jessica Taytard
PA2738	**Which variables best predict sleep apnoea in children assessed with multi-channel studies?** Michael Yanney (Southwell, United Kingdom), Albert Essiam, Nicola Rowbotham, Andrew Prayle
PA2739	**Clinical evaluation of an AI-based prototype for contactless respiratory monitoring in children** Ludwig Seebauer (Regensburg, Germany), Niklas Koehler, Marcel Geis, Claudius Noeh, Jochen Frey, Volker Gross, Keywan Sohrabi, Sebastian Kerzel
PA2740	**Validation of PneumoWave DCM Respiratory Monitor in an In-vitro Paediatric Sleep Apnoea Model** Burcu KOLUKISA BIRGEC (Glasgow, United Kingdom), Ross Langley, Jennifer Miller, Osian Meredith, Alexander Mullen
PA2741	**Mandibular jaw movement monitoring for detecting sleep-disordered breathing and assessing sleep quality in obese children** Theofilos Polychronakis (Cambridge (Cambridgeshire), United Kingdom), Sairah Akbar, Sarah Nethercott, Steven Campbell, Matthew Rose
PA2742	**Outcomes of Pediatric Off-Label Auto-Titrating Positive Airway Pressure Treatment: A Retrospective Cohort Study** Venla Harju (Tampere, Finland), Mervi Järvelä, Eero Lauhkonen, Vesa Eskola, Paula Mandelin, Maija Katila, Riikka Mäkinen, Outi Saarenpää-Heikkilä
PA2743	**Impact of Adenotonsillectomy and Pre-surgical CPAP Treatment on Pediatric OSA** Vera Marcela Lugo Arrúa (Barcelona, Spain), Génesis Parada, Marta Gutiérrez, Marta Aguilera, Marta Blanco, Beatriz Suárez, Inmaculada Gaya, Inés Podzamczer, Sandra Giménez, María Casasayas, Katarzyna Kolanczak, Juan Ramon Gras, Gemma Garcia Cerro, Laura Armendariz, Fátima Castillo, Ana M Fortuna-Gutiérrez
PA2744	**Late Breaking Abstract - A 12-items tool to predict asthma persistence in school-aged children** Ronny Makhoul (Bern, Switzerland), Myrofora Goutaki, Franco Romero, Mari Sasaki, Elias Seidl, Pascal Heer, Philipp Latzin, Nicolas Regamey, Ben D. Spycher, Claudia E. Kuehni
PA2745	**Late Breaking Abstract - Cost-effectiveness analysis of pharmacogenetic testing to guide treatment for children with asthma** Mingxuan Wu (Manchester, United Kingdom), Katherine Payne, Somnath Mukhopadhyay, Tom Ruffles, Amy Haeffner, Richard Mcmanus, William Newman, Sean Gavan
PA2746	**Late Breaking Abstract - Factors associated with non-engagement in asthma care in children** Constantinos Kallis (London, United Kingdom), Huayi Huang, Irtiza Quareshi, David Lo, Gwyneth Davies, Deborah Fitzsimmons, Tracy Jackson, Emma Kinley, Medina Maluk, Manish Pareek, Jessica Sheringham, Martin Williams, Hilary Pinnock, Erol Gaillard, Jennifer Quint
PA2747	**Late Breaking Abstract - The important role of allergic rhinitis treatment in pediatric asthma** Bernardus Thio (Enschede, Netherlands), A Thio, Natasja Lammers, Deborah Zagers, Tamara Ruuls, Mattienne van der Kamp, Vera Hengeveld, Marjolein Brusse-Keizer, Job Van Der Palen
PA2748	**Late Breaking Abstract - Maternal nutrition during pregnancy and child's asthma risk – a prospective birth cohort study** Emma-Reetta Musakka (Kuopio, Finland), Maija Ylilauri, Anne Karvonen, Leea Keski-Nisula, Pirkka Kirjavainen

PS-24 Session 232 08:00 - 09:30

Poster session: Anatomy lessons in transplantation: advances in categorisations of lung transplant acronyms

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Surgery | Transplantation | Pulmonary function testing | Palliative care | Epidemiology | Cell and molecular biology | Respiratory intensive care | General respiratory patient care | Pulmonary rehabilitation

Chairs : Eva Revilla Lopez (Barcelona, Spain), Hans Henrik Schultz (Copenhagen, Denmark)

PA2749	**Multi-state modeling of baseline lung allograft dysfunction in lung transplant recipients** Carlo Mümmler (München, Germany), Michael Gerckens, Alexander Richard, Paola Arnold, Tobias Veit, Jürgen Barton, Jeremias Götschke, Katrin Milger, Teresa Kauke, Christian Schneider, Sebastian Michel, Michael Irlbeck, Malte Lücken, Ali Önder Yildirim, Jürgen Behr, Nikolaus Kneidinger
PA2750	**Pleural effusions requiring thoracocentesis are associated with baseline lung allograft dysfunction and mortality in lung transplant recipients** Carlo Mümmler (München, Germany), Michael Gerckens, Nicole Weiss, Daria Khmelovska, Alexander Richard, Mathias Klemm, Philipp Plohmann, Paola Arnold, Tobias Veit, Jürgen Barton, Teresa Kauke, Christian Schneider, Sebastian Michel, Michael Irlbeck, Ali Önder Yildirim, Jürgen Behr, Nikolaus Kneidinger
PA2751	**Investigating factors influencing baseline allograft dysfunction in patients undergoing bilateral lung transplantation.** Paula Barquero Dueñas (Barcelona, Spain), Berta Sáez Giménez, Cristina Berastegui García, Ane Lopez Gonzalez, Marta Andreu Casas, Sara Salvador, Carlos Bravo Masgoret, Víctor Monforte, Joel Rosado, Judith Sacanell, Manuel López Meseguer, Susana Gómez-Ollés, Eva Revilla López
PA2752	**A single centre analysis of the association between selected non-HLA antibodies and primary graft dysfunction** Andrei Darie (Melbourne, Australia), Steven Hiho, Bronwyn Levvey, Samantha Ennis, Miranda Paraskeva, Damanjit Goondi, Reece Jefferies, Helen Shingles, Steven Ivulich, Glen Westall, Lucy Sullivan, Gregory Snell
PA2753	**Bedside identification of biological phenotypes in lung transplant (LUTX) recipients** Vittorio Scaravilli (MILAN, Italy), Anna Vitalini, Davide Pietro Carrà, Valentina Vago, Marco Bosone, Gloria Turconi, Amedeo Guzzardella, Fabiana Madotto, Letizia Corinna Morlacchi, Lorenzo Rosso, Mario Nosotti, Francesco Blasi, Giacomo Grasselli
PA2754	**Unveiling Acute Lung Allograft Dysfunction (ALAD): an emerging and underrecognized post-transplant entity** Marco Guerrieri (Siena, Italy), Felice Perillo, Matteo Fanetti, Jean-Guillaume Starnini, Chiara Piscitello, Francesco Gentili, Armando Perrella, Vito Di Martino, Antonella Fossi, Luca Luzzi, Elena Bargagli, Maria Antonietta Mazzei, David Bennett
PA2755	**Baseline Lung Allograft Dysfunction: Prevalence, Risk factors and Post-Transplant Outcomes** Hanne Beeckmans (Leuven, Belgium), Lyne Van Dieren, Pieterjan Kerckhof, Jan Van Slambrouck, Cedric Vanluyten, Laurens Ceulemans, Andrea Zajacova, Marta Zapata-Ortega, Saskia Bos, Laurens De Sadeleer, Laurent Godinas, Lieven Dupont, Bart Vanaudenaerde, Robin Vos
PA2756	**Incidence and progression of late -acute-lung allograft dysfunction (ALAD) in a single center cohort of Lung recipients** Federica Meloni (Padova, Italy), Fausto Braccioni, Monica Loy, Sara Lococo, Federico Lionello, Francesca Lunardi, Marta Vadori, Chiara Giraudo, Andrea Vianello, Emanuele Cozzi, Fiorella Calabrese, Marco Schiavon, Federico Rea
PA2757	**Venous thromboembolism after lung transplantation and its relation with survival and chronic lung allograft dysfunction** Dieuwertje Ruigrok (Utrecht, Netherlands), Rob Schönwetter, Marco C. Post
PA2758	**Pre-transplant non-HLA antibody subtypes may impact long-term outcomes in lung transplant recipients** Andrei Darie (Melbourne, Australia), Steven Hiho, Bronwyn Levvey, Samantha Ennis, Miranda Paraskeva, Damanjit Goondi, Reece Jefferies, Helen Shingles, Steven Ivulich, Glen Westall, Lucy Sullivan, Gregory Snell
PA2759	**Pre-transplantation immunosuppression impairs lung transplant outcomes in interstitial lung disease** Karim Tazibet (Lille, France), Vincent Bunel, Hervé Mal, Tiphaine Goletto, Pierre Halitim, Lise Morer, Domitille Mouren, Mathilde Salpin, Adèle Sandot, Gaëlle Weisenburger, Philippe Montravers, Enora Atchade, Sebastien Tanaka, Justine Frija-Masson, Linda Hajouji, Yves Castier, Pierre Mordant, Bruno Crestani, Raphaël Borie, Kinan El Husseini
PA2760	**Impact of DLCO on survival in COPD patients referred (but not accepted) for lung transplantation** Jakob Van Herck (Leuven, Belgium), Saskia Bos, Laurens De Sadeleer, Stephanie Everaerts, Wim Janssens, Laurens J. Ceulemans, Dirk Van Raemdonck, Lieven Dupont, Robin Vos, Laurent Godinas
PA2761	**Audit of lung transplant referrals for Interstitial Lung Disease (ILD)** muhammad moeed iqbal (Dublin 13, Ireland), Michelle Murray, Nicola Ronan
PA2762	**Allergy transfer from donor to recipient in lung transplantation** Bianca Battilana (Zurich, Switzerland), Rea Andermatt, Martina Haberecker, Macé Schuurmans, Ilker Iskender, Theodorus Papasotiropoulos, Rolf Schuepbach, Claudia Lang, Franz Immer, György Lang, Isabelle Opitz
PA2763	**Application of Roy's Adaptation Model in Postoperative Rehabilitation of Lung Transplant Patients** Xueli Zhang (Changchun (Jilin), China), Hongjing Lin, Yi Cui, Zeyu Qin
PA2764	**Evaluating large animal ex vivo lung perfusion (EVLP) models: Contributions, bias, and research gaps in lung transplantation studies** Shane Fisher (Dublin, Ireland), James O'Connor, Karen Redmond

PA2765 **A second chance: controlled asystole donation in neuromuscular disease patients.**
Miguel Jimenez Gomez (Madrid (Madrid), Spain), Ana Hernández Voth, Marta Corral Blanco, Laura González Ramos, Carmen Lorenzo Martínez, Clara Seghers Carrera, Lucía Ortega Ruiz, Begoña Peña Del Cura, Javier Sayas Catalan

PA2766 **Long-term outcomes among lung transplant recipients with high-risk cytomegalovirus mismatch**
Amit Banga (Palo Alto, United States), Rohan Kanade, Anishka Kappalayil, Fernando Torres

PA2767 **Gender Medicine in Lung Transplant.**
Jean-Guillaume Starnini (Siena, Italy), Paolo Cameli, Elena Bargagli

PA2768 **From intensive care to independent breathing: Postoperative recovery following bilateral lung transplantation through collaboration between nurses and physiotherapists**
Nikolina Perak (Zagreb, Croatia), Azra Hodzic, Hrvoje Krstanovic, Martina Cubic, Tanja Zovko, Tajana Jalusic Gluncic, Fedza Dzubur

PS-25 Session 233 08:00 - 09:30

Poster session: Innovations in design and delivery of exercise interventions

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care | Physiology | Pulmonary function testing | Respiratory intensive care

Chairs : Ana Lista Paz (A Coruña, Spain), Dario Kohlbrenner (Zurich, Switzerland)

PA2769 **Singing for Lung Health following completion of pulmonary rehabilitation – a feasibility trial**
Adam Lewis (Enfield, United Kingdom), Peter Jung, Parris J Williams, Jennifer Steinmann, Karen Ingram, Noah Longley, Puja Trivedi, Stuart Clarke, Helen Lammin, George Edwards, Maria Koulopoulou, Arun Sureshkumar, Anna Moore, Paul Pfeffer, Leanne Reardon, Kim Sorley, Jarvis Kenman, Brendan Deluca, Michelle Maguire, Laura-Jane Smith, Sarah Elkin, Adam Lound, Laura Moth, Penelope Rickman, Sharon Alexander, Natasha Lohan, Emily Garsin, Susan Young, Amanda Harris, Rosie Watters, Cleo Lane, Claire M Nolan, Joy Conway, William D-C Man, Winston Banya, Nana Anokye, Keir E J Philip, Phoene Cave, Nicholas S Hopkinson

PA2770 **Written educational resources in pulmonary rehabilitation: Insights from pulmonary rehabilitation education consortium (PREC) patient and public involvement.**
Hannah Clifton (London, United Kingdom), Kirsti J Loughran, Ruth E Barker, Matthew Armstrong, Annie Pritchard, Laura Graham, Siân Williams, Enrico Sgroi, Jonny Branney, Lindsay Welch, Nicola J Roberts

PA2771 **Investigation of Disease Status, Dyspnea Severity and Symptoms According to Exercise Habits in COPD Patients Completing Pulmonary Rehabilitation Program**
Melissa Köprülüoglu (Izmir, Turkey), Elvan Felekoğlu, Ilknur Naz

PA2772 **Urinary incontinence is common among people with chronic respiratory disease attending pulmonary rehabilitation and may reduce adherence – A multicenter cross sectional study.**
Tristan Bonnevie (Saint Léger Du Bourg Denis, France), Damien Parrot, Fanny Laporte, Léna Bocquet, Francis-Edouard Gravier, Pauline Smondack, Guillaume Prieur, Jean-François Muir, Antoine Cuvelier, Fairuz Boujibar, Clément Médrinal, Arnaud Nze Ossima, Yann Combret

PA2773 **Codesign of balance training for people with chronic obstructive pulmonary disease (pwCOPD)**
Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Sophie Suri, Kirsti Loughran, Sarah Mclusky, Denis Martin, Jamie Mcphee, Eileen Kaner, Tim Rapley, Leah Avery

PA2774 **Enhancing lung care: integrating respiratory physiotherapists in respiratory wards**
Beatriz Herrero Cortina (Zaragoza, Spain), Jesica Montero-Marco, Marta Charlo-Bernardos, Joaquín Costán-Galicia, Marta Marín-Oto, Laura Anoro-Abenoza, Marta Martín-Lana, Marta Puyal-Barcelona, Eva Sanchez-García, Silvia Aliod-Zandundo, Vanesa Ramos-Abril, Alfonso Perez-Trullen, Elena Altarribas-Bolsa

PA2775 **Psychological barriers to exercise in interstitial lung disease (ILD): the role of kinesiophobia and body awareness**
Seda Karaca (Rize, Turkey)

PA2776 **The Evolving Role of the Interstitial Lung Diseases Specialist Physiotherapist (ILD-SPT): A Case Series**
Claire Walker (Solihull, United Kingdom), Christopher Huntley, Anne-Marie Russell, Gareth Walters, Lisa Green, Bethany Hemmings, Emma Briggs

PA2777 **Psychological Factors Influencing Changes in Life-Space Mobility in COPD Outpatients Undergoing Pulmonary Rehabilitation**
Kunihiko Anami (Nara, Japan), Satoshi Saruwatari, Hisashi Watanabe, Shinichiro Hayashi, Jun Horie

PA2778 **Protocol for early and safe implementation of walking excercise in hypoxemic patients receiving high flow nasal cannula therapy**
Katarzyna Papiez (Krakow, Poland), Paulina Katarzynska, Renata Klimek, Tomasz Wloch, Aleksander Kania

PA2779 **Relationship between psychological distress, functionality and activity levels in community adquired pneumonia**
Laura Lopez Lopez (Granada, Spain), Ana Belén Gámiz Molina, Oriana Denise Strilinsky Pérez, Raquel Galisteo Panadero, Jesús Zamora Tortosa, Marie Carmen Valenza

PA2780 **Frailty at Admission and Its Impact on Mid-Term Health Status and Functionality in Community-Acquired Pneumonia Patients**
Laura Lopez Lopez (Granada, Spain), Julia Raya Benítez, Ana Belén Gámiz Molina, Oriana Denise Strilinsky Pérez, Raquel Galisteo Panadero, Lourdes Rodríguez Castro, Jesús Zamora Tortosa

PA2781 **Comparison of exercise capacity and arterial stiffness in COPD effects of emphysema**
Elif Kocaaga (ANKARA, Turkey), Aslihan Cakmak-Onal, Duygu Aydin, Oguz Karcioglu, Deniz Inal-Ince

PA2782 **Impact of mucus properties and clinical conditions on mucus displacement during mechanical in-exsufflation**
Roberto Martinez Alejos (Montpellier, France), Marius Lebret, Juliette Raoul-Duval, Ema Swingwood, Willemke Stilma, Marcia S Volpe, Emeline Fresenel, Maxime Patout

PA2783 **Weaning in the IRCU: factors retarding the process. A retrospective observational study.**
Adriana Martin Pascual (Badalona, Spain), Antonio Marin Muñiz, Ignasi Garcia Olivé, Irene Aldas Criado, Monica Matute Villacis, Antoni Rosell Gratacos

PA2784 **The role of laughter in respiratory health: a systematic review of laughter-based interventions in adults with chronic respiratory disease**
Kezia Dowsett (London, United Kingdom), Arietta Spinou, Emmy Chu, William Taylor, Annemarie Lee, Vasiliki Theodorou

PA2785 **Prevalence of urinary incontinence in a Belgian pulmonary rehabilitation cohort.**
Evelyn Pauwels (Antwerp, Belgium), Kevin De Soomer, Bilitis Crokaert, Jo Raskin, Alexandra Vermandel, Stefan De Wachter, Thérèse Lapperre

PA2786 **Profile of individuals with COPD who reduce sedentary time after a pulmonary rehabilitation program specifically designed for sedentary behavior change.**
Lais Santin (Londrina, Brazil), Thais Tofoli, Amanda Pucca, Mariana Vicentin, Carlos Augusto Camillo, Leticia Medeiros, Fabio Pitta

PA2787 **Patient's perspectives on a virtual physical prehabilitation program in lung transplant candidates: a qualitative study**
Tania Janaudis-Ferreira (Montréal (QC), Canada), Nicholas Bourgeois, Marie-Françoise Malo, Larry C Lands, Karina Prévost, Charles Poirier

PA2788 **Correlation between sleep parameters, systemic inflammation, functional exercise capacity and blood lipids in moderate OSAS patients**
Nurel Ertürk (Mersin, Turkey), Adem Çelik, Hüseyin Yaman, Sevim Kahraman Yaman, Ebru Çalık Kütükcü

PS-26 Session 234 08:00 - 09:30

Poster session: Physical activity

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Transplantation | General respiratory patient care | Public health | Epidemiology

Chairs : Henrik Hansen (Dragør, Denmark), Stéphanie Saxer (St. Gallen, Switzerland)

PA2789 **Investigation of the relationship between daily living activities, respiratory functions, dyspnea and, muscle strength in patients with idiopathic pulmonary fibrosis**
Ilknur Naz (Izmir, Turkey), Şerife Demirbaş, Elvan Felekoglu, Melissa Köprülüoglu, Ceyda Anar

PA2790 **The Relationship Activities of Daily Life with Dyspnea and Fatigue Perceptions and Health Status in Lung Transplant Recipients**
Ulas Ar (Ankara, Turkey), Erdal Yekeler, Ebru Calik-Kutukcu

PA2791 **The Association of Limitations in Activities of Daily Living with Health Status in Lung Transplant Recipients**
Ulas Ar (Ankara, Turkey), Erdal Yekeler, Ebru Calik-Kutukcu, Fatmanur Celik-Basaran, Sinan Turkkan

PA2792 **Supporting a physically active lifestyle in COPD: lessons from the PICk UP study**
Patrícia Filipa Sobral Rebelo (Trancoso, Portugal), Dina Brooks, Alda Marques

PA2793	**The relationship between exercise capacity and physical activity level in breast cancer** HACER ÖNCÜ (ankara, Turkey), Ebru Calik-Kutukcu, Naciye Vardar-Yagli, Melda Saglam, Sercan Aksoy
PA2794	**Feasibility of an eHealth physical activity coaching intervention in COPD patients undergoing pulmonary rehabilitation** Joana Cruz (Leiria, Portugal), Sofia Flora, Chris Burtin, Ana Sofia Grave, Sara Pimenta, Fátima Baptista
PA2795	**Sedentary patients with COPD: differences by physical activity level** Sara Pimenta (Leiria, Portugal), Sofia Flora, Nádia Hipólito, Cândida G. Silva, Ana Oliveira, Nuno Morais, Fátima Rodrigues, Vitória Martins, Lília Andrade, Chris Burtin, Dina Brooks, Alda Marques, Joana Cruz
PA2796	**Determinants of sedentary behavior 30 days after hospitalization for COPD exacerbation** Maria Gabriela Colucci (São Carlos, SP, Brazil), Joana Patrícia Dos Santos Cruz, Débora Mayumi De Oliveira Kawakami, Gustavo Henrique Guimarães Araujo, Renata Gonçalves Mendes, Luiz Augusto Brusaca, Valéria Amorim Pires Di Lorenzo
PA2797	**Functional characteristics and factors contributing to achieving moderate-to-vigorous physical activity in COPD patients** Tiago Almeida Araújo (São Carlos, Brazil), Maria Gabriela Colucci, Fernanda Manenti Basso, Livia Maria Petilli Zopelari, Vanessa Pereira Lima, Valéria Amorim Pires Di Lorenzo
PA2798	**Effect of cognitive behavior therapy to reduce sedentary behavior in individuals with COPD participating in a pulmonary rehabilitation program: a RCT** Rafaella Xavier (São Paulo (SP), Brazil), Juliana Ito, Fabio Sá, Cibele Berto, Caroline Censo, Vinicius Cavalheri, Regina Carvalho-Pinto, Celso Carvalho
PA2799	**Physical activity and its interaction with exercise capacity as predictor of mortality in COPD: A 4-year cohort study** Debora Mayumi de Oliveira Kawakami (Sao Carlos, Brazil), Renata Gonçalves Mendes, Karina Furlanetto, Fabio Pitta, Henrik Watz, Nicholas S Hopkinson, Benjamin Waschki, Thierry Troosters, Judith Garcia Aymerich, Heleen Demeyer
PA2800	**Daily steps and better health status in people with COPD: a cut-off analysis** Juliana M. B. Santos (São Paulo, Brazil), Fabiano F. De Lima, Caroline M. Censo, Eloise A. Santos, Juliana T. Ito, Rafaella F. Xavier, Regina M. Carvalho-Pinto, Celso R. F. Carvalho
PA2801	**Sedentary behavior, respiratory symptoms and functional status 3 months after community-acquired pneumonia** Alejandro Heredia Ciuró (Granada, Spain), Pilar García González, Jesús Zamora Tortosa, Geraldine Valenza Peña, Julia Raya Benítez, Andrés Calvache Mateo, Marie Carmen Valenza
PA2802	**Association between walkability, physical activity levels, and clinical control in people with asthma: a cross-sectional analysis** Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Thiago Sales, Inaian Teixeira, David Pinheiro, Rosana Agondi, Regina Carvalho-Pinto, Ligia Barrozo, Celso Ricardo Fernandes Carvalho
PA2803	**Characteristics of responders in a behavioral intervention to increase physical activity in asthma: a pragmatic study with one hundred individuals** Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Adriana Lunardi, David Pinheiro, Yan De Oliveira, Pedro Giavina-bianchi, Rosana Agondi, Regina Carvalho-Pinto, Celso Ricardo Fernandes Carvalho
PA2804	**Associations between movement behaviours and clinical characteristics in people with asthma** Paola Urroz Guerrero (Newcastle, Australia), Hayley Lewthwaite, Peter Gibson, Amber Smith, Brooke Bailey, Vanessa Mcdonald
PA2805	**Exercise levels in adults with primary ciliary dyskinesia in England: A comparison with UK government guidelines and the impact on FEV1** Stevie Peake (London, United Kingdom), Elizabeth Shepherd, Nicole Freitas, Connie Webster
PA2806	**Behaviour change techniques in physical activity and sedentary behaviour interventions in COPD** Nádia Hipólito (Leiria, Portugal), Sara Pimenta, Jorge Encantado, Joana Cruz
PA2807	**Sociodemographic factors as determinants of physical activity and sedentary behavior in adults with asthma** Joice Mara Oliveira (Belmont, Australia), Denner Melo, Ariele Pedroso, Natielly Correia, Fabiano Lima, Celso Carvalho, Carlos Camillo, Karina Furlanetto
PA2808	**Investigation of Physical Activity, Exercise Capacity, Fatigue, Cognitive Status in Post-COVID Syndrome** Ayşenur Germi (İstanbul, Turkey), Yahya Doğan, Buket Maruk, Mehtap Erbil, Naciye Vardar Yağli

PS-27 Session 235 08:00 - 09:30

Poster session: Contemporary nursing

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Pulmonary rehabilitation | Palliative care | General respiratory patient care | Endoscopy and interventional pulmonology | Public health

Chairs : Duarte Pinto (Matosinhos, Portugal), Chair to be confirmed

PA2809	**From Evidence to Practice: Review and Recommendations for Palliative Care in Pulmonary Fibrosis** Lucía Méndez González (Santa Maria da Feira, Portugal), Joana Isabel Cordeiro Carvalho
PA2810	**Impact of the Simeox Device in Patients with Bronchiectasis** Lucía Méndez González (Santa Maria da Feira, Portugal), Cristina Alves, Cristiana Cruz, Vanessa Santos, Sofia Barroso, Rita Gomes, Jorge Ferreira, Catia Caneiras
PA2811	**Croatian Adaptation of the Revised Cystic Fibrosis Questionnaire for Adults (CFQ-R)** Ivana Lalic Cickovic (Zagreb, Croatia), Tihana Odobasic Palkovic, Ivana Barisic, Irena Godic, Lora Kirigin Bilos, Ivan Bambir, Duska Tjesic-Drinkovic, Andrea Vukic Dugac
PA2812	**Seasonal Influenza Vaccination Program for patients with Chronic Obstructive Pulmonary Disease (COPD) in COPD nurse clinic** Chi Keung Lam (Hong Kong, Hong Kong), Ming Wah Choi, Pui Fan Chan, Pui Ling Ngan, W Y Tsang, C L Lee, S N Tsui, S E Chan, S L Cheng, P S Cheung, S W Ng
PA2813	**Understanding COPD-Related Loneliness** Camilla Askov Mousing (Randers SØ, Denmark), Dorthe Sørensen, Maiken Bay Ravn, Julie Sandell Jacobsen, Tina Helle
PA2814	**Experience in caring patients on long-term home invasive mechanical ventilation in district hospital in Hong Kong** Ming Wah Choi (Hong Kong, Hong Kong), Shu Wah Ng, Hok Lun Chan, Yuen Yee Chan, Yip Fung Cheung, Chi Keung Lam, Mei Sze Fung, Wing Yu Fung, Shuk Ching Ma, Man Tsun Siu, Kit Man Suen, Yuen Fong Wong, Man To Cheung, Wai Tat Tang, Siu Man Ho, Pik Shan Cheung
PA2815	**A brave new era for non-bedded acute care management of respiratory patients in Ireland** Una O'Connor (Limerick, Ireland), Saad-Bin Ejaz, Umar Khan
PA2816	**Two-years follow-up of alpha-1 antitrypsin deficiency patients' experiences with home treatment.** Nanna Vendelboe Gregersen (Aarhus N, Denmark), Birgit Refsgaard
PA2817	**Pain and medication use in Australian COPD adults** Sheree Smith (Adelaide, Australia), Christine Mcdonald, Jody Hook, Guy Marks
PA2818	**Co-Creation of a Continuing Professional Development Toolkit focused on self-management of respiratory health issues in people with intellectual disabilities** Nicola J. Roberts (Edinburgh, United Kingdom), Lisa O'Leary, Daniel Dicksit, Nicola Ring, Margaret Dunham
PA2819	**Nurse-led initiative for bronchoscopy safety: developing and evaluating a risk-reduction checklist** Agita Melbarde-Kelmere (Rīga, Latvia), Evija Apalite, Iluta Aleksandrova, Signe Daukste, Ineta Leskevica, Valentina Jaunzeme, Ruta Deklava, Anita Vrublevska, Anna Salina, Anna Salina
PA2820	**Analysis of the clinical effects of different nebulized inhalation devices on nurses' inhalation exposure** Qin Zeyu (Changchun (Jilin), China), Hongjing Lin
PA2821	**THE EFFECT OF NURSE TRAINING ON SLEEP QUALITY AND ANXIETY LEVEL IN PATIENTS WITH TRACHEAL STENT IMPLANTATION** Alev Cinel Karataş (İstanbul, Turkey), Demet Turan, Efsun Gonca Uğur Chousein, Ferhan Karataş
PA2822	**Teaching negative health implications of smoking to middle school students** Rune Fauerskov Jensen (Odense SØ, Denmark), Bettina Dalsgaard, Jens Christian Dalsgaard, Ingrid Titlestad, Louise Munkholm
PA2823	**Effects of an educational intervention on breathlessness beliefs in pulmonary embolism patients: A Randomized Controlled Trial** Julia Raya Benitez (Granada, Spain), Ana Belén Gámiz Molina, Eva Rubio Calvo, Jesús Zamora Tortosa, Alba Navas Otero, Geraldine Valenza Peña, Marie Carmen Valenza
PA2824	**Streamlining Interstitial Lung Disease Care: An Audit of Pulmonary Rehab Referral Pathways** Kate Osborne (London, United Kingdom), Natalie Chen, Shahnaz Hussain, Sehar Jabeen, Glenis Hajrullahu, Sophie Crawley, Alex West, Katherine Myall, Bhashkar Mukherjee
PA2825	**Expert Educator: Unveiling the Knowledge Dissemination Practices of Respiratory Nurse Specialists through Qualitative Exploration Study.** Bridget Murray (DUBLIN, Ireland)

PA2826	**ILD tailored Pulmonary Rehabilitation** Robert Dean (Windsor, United Kingdom), Charlotte Glazzard, Pamela Marriner, Christine Gethings, Joanne King, Sharon Power
PA2827	**Patients' experiences with smoking cessation support during the diagnostic process for lung cancer** Birgit Refsgaard (Malling, Denmark), Anders Løkke, Ingeborg Farver-Vestergaard
PA2828	**Nursing interventions for patients with respiratory diseases and syndromes in the Nordic countries: A scoping review** Anne Louise Kleiven (Oslo, Norway), Simen A. Steindal, Kari L. Mariussen, Dorthe Gaby Bove, Mai-Britt Hägi-Pedersen, Nanna Vedelbo Gregersen, Bettan Bagger, Gerd Gran, Vivi Lycke Christensen, Heidi Øksnes Markussen, Hilde Smith-Strom, Trine Oksholm, Heidi Jerpseth, Birgit Refsgaard, Christine Råheim Borge

PS-28 Session 236 08:00 - 09:30

Poster session: Advancing pneumonia care: scoring systems, treatment decisions and real-world practice

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Transplantation Epidemiology Respiratory intensive care Public health Pulmonary rehabilitation Pulmonary function testing

Chairs : Catia Cilloniz Campos (Barcelona, Spain), Markus Fally (Copenhagen, Denmark)

PA2829	**Smoking status, etiology and comorbidity – is it influence on the course of community-acquired pneumonia (CAP)?** Kseniia Bielosludtseva (Dniepropetrovsk, Ukraine), Mariia Krykhtina, Tetyana Pertseva, Yuliia Huba, Olena Myronenko
PA2830	**Impact of hospital-acquired pneumonia on intensive care unit stays and ventilation in liver transplant patients** Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Areeba Nisar, Ahmed Talha Tariq, Fatima Rehman, Muhammad Adil Azmat, Muhammad Rizwan, Abu Bakar Hafeez Bhatti
PA2831	**Quality of life in patients with community-acquired pneumonia and polymorbidity.** Valentin Calancea (Chisinau, Codru, Republic of Moldova), Ion Sirbu, Sergiu Matcovschi, Elena Calancea, Doina Ranga
PA2832	**"Frailty Enhances Prognostic Accuracy Compared to CURB-65 in Community-Acquired Pneumonia"** Oğuz Karcioğlu (Ankara, Turkey), Hande Çelik, Duygu Aydın, Serdar Ceylan, Aytekin İdikut, Ali Batur, Elif Öztürk, Meltem Gülhan Halil, Cafer Balcı, Mert Eşme
PA2833	**Should we rely on A-DROP or CURB-65 score in prediction of mortality risk of patients with CAP** Desa Nastasijević Borovac (Niš, Republic of Serbia), Borislav Božanić, Tatjana Pejčić
PA2834	**Predictors of hospital-acquired pneumonia in liver transplant patients: insights from a resource-limited setting** Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Areeba Nisar, Ahmed Talha Tariq, Fatima Rehman, Muhammad Zeeshan, Muhammad Hamza Iqbal, Abu Bakar Hafeez Bhatti
PA2835	**Prevalence and Prognosis of Immunocompromised Patients in Hospitalized CAP Patients: A Cross-Section Study from a Chest Diseases Hospital** Fatma Tokgöz Akyıl, Gulsah Gunluoglu, Çigdem Sabanci, Fatma Muge Batı Alyurt, Hulya Abalı, Sida Gosterïcï, Sevdenur Özer
PA2836	**From Non-Ventilator Hospital Acquired Pneumonia to Ventilator Hospital Acquired Pneumonia: How Things End up** Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Luthfia Nur Aini
PA2837	**Sex-related disparities in severe CAP: experiences from a multi-center prospective study in China** Yusang Xie (Shanghai, China), Jingya Zhao, Yu Chen, Yi Huang, Yuping Li, Dongwei Shi, Jinfu Xu, Qiuyue Wang, Bei He, Ning Shen, Bin Cao, Danyang She, Yi Shi, Xin Su, Hua Zhou, Hong Fan, Feng Ye, Qiao Zhang, Xinlun Tian, Guoxiang Lai, Jing Zhang, Min Zhou, Jieming Qu
PA2838	**The improved prediction value of neutrophil to lymphocyte ratio to pneumonia severity scores for mortality in the elderly with community-acquired pneumonia** lixue huang (beijing, China), Bingxuan Weng, Mengyuan Wang, Jianzhen Weng, Xunliang Tong, Yang Ju, Yanming Li
PA2839	**Influence of corticosteroids in Community Acquired Pneumonia: a multivariate analysis** Manya Ranganthan (, United Kingdom), Rachel Snoddy, Kerrimarie Heenan, Maire Drain, Paul Minnis
PA2840	**Retrospective review of pneumonia severity scoring methods in stratifying pneumonia severity, mortality, and NIV requirements** Anindita Dey (Wollongong, Australia), Joanna Huang, Ken Khaw, Jessica Ward, Anushka Dashputre, Ben Knippenberg, Ben Kwan, Corinna Pan, Ridzuan Mohsin

PA2841 **Evaluating adherence to national standards for community-acquired pneumonia management: a retrospective single centre audit**
Gabriela Kopernicka (Chelmsford, United Kingdom), Abigail Moore, Vinitha Kirupaharan, Charisma Nash, Bethany Sinclair

PA2842 **Compliance with the National Institute of Healthcare and Clinical Excellence (NICE) guidelines for the hospital discharge of patients with a Community Acquired Pneumonia (CAP)**
Ria Mukherjee (Telford, United Kingdom), Sabha Nadeem, Koottalai Srinivasan, Harmesh Moudgil

PA2843 **Late Breaking Abstract - Clinical Impact and Risk Prediction of Pulmonary Barotrauma in Non-HIV Pneumocystis jirovecii Pneumonia: A 15-Year Single-Center Retrospective Study**
bangchao zhao (, China), Xi Wang

PA2844 **Management gaps and prospects in the older patients with lower respiratory tract infectionsLRTIs): now and future**
Bingxuan Weng (Beijing, China), Yanming Li, Jin Jin

PA2845 **Design of a patient-centered shared decision-making aide for emergency department disposition in pneumonia**
Matthew Christensen (Nashville, United States), Freneka Minter, Yasemin Akdas, Russ Beebe, Carrie Reale, Janelle Faiman, Brett Nance, Kathryn Kuttler, Jason Carr, Nathan Dean, Shilo Anders, Jason Slagle, Marc Probst, Michael Ward

PA2846 **Performance of various pneumonia severity models in predicting 1-year mortality in elderly inpatients with community-acquired pneumonia**
lixue huang (beijing, China), Bingxuan Weng, Jianzhen Weng, Juyang Tong, Yang Ju, Yanming Li

PA2847 **Factors associated with increased in-hospital mortality among older patients with aspiration pneumonia: A nationwide database study in Japan.**
ryohei kudoh (Yufu, Oita, Japan), Akihiko Hagiwara, Hisayuki Shuto, Shota Omori, Kiyohide Fushimi, Kosaku Komiya

PA2848 **Descriptive Analysis of a Real-World-Cohort of Patients with Post-Covid-Condition in a pulmonary Doctor's Practice – Cough and Dyspnea**
Carolin Endres (Ochtendung, Germany), Paul Beyer, Christoph Nell, Andreas Rembert Koczulla, Susanne Wilhelm, Timm Greulich

PS-29 Session 237 08:00 - 09:30

Poster session: Microbial detection, resistance and host response in respiratory infection

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Public health General respiratory patient care Cell and molecular biology Physiology Respiratory intensive care Transplantation

Chairs : Chair to be confirmed

PA2849 **Added Diagnostic Value of Bacterial and Viral PCR in BAL Samples of Patients with Suspected Respiratory Infections**
Francesca Mandurino Mirizzi (LECCE, Italy), Marina Saad, Giada Lazzaroni, Juan Camilo Signorello, Silvia Nella Grosso, Andrea Airoldi, Dejan Radovanovic, Pierachille Santus

PA2850 **Added diagnostic value of the BioFire PN-panel in patients hospitalized with Community-Acquired Pneumonia**
Dian Karssen (Alkmaar, Netherlands), Lotte C. Terpstra, Wim Boersma, Wouter Rozemeijer

PA2851 **Evaluation of Multiplex Polymerase Chain Reaction (PCR) Positive Patients Hospitalized with Respiratory Symptoms: Frequency of Viral Pathogens and Clinical Outcomes**
Gülistan Karadeniz (Izmir, Turkey), Can Biçmen, Onur Fevzi Erer, Büşra Dinçel, Melike Gökbel, Sibel Karasu, Mervenur Atcı, Berna Kömürcüoğlu

PA2852 **Microbiological findings of bronchial aspirate and bronchoalveolar lavage in the first month after lung transplantation**
Begoña Peña del Cura (Madrid, Spain), Clara Seghers Carreras, Lucía Ortega Ruiz, Juan Margallo Iribarnegaray, Rodrigo Alonso Moralejo, Fernando Revuelta Salgado, Ricardo García Luján

PA2853 **The antimicrobial susceptibility pattern of lower respiratory tract infection pathogens in patients with chronic respiratory diseases**
Dalia Ezat Elsharawy (Elgharbya, Egypt), Manar Rady, Marwa Ezzat, Ahmed Shawky

PA2854 **Sputum bacteria and resistance patterns in asthma patients: a 27-year longitudinal analysis**
Jiashu Shen (Oxford, United Kingdom), Clare Tiedeman, David Eyre, Sarah Walker, Timothy Hinks

PA2855 **Age- and gender-stratified differential diagnosis of respiratory pathogen infections based on symptom variations**
Chunyan Xiang (Beijing, China), Tingting You, Yeming Wang, Bin Cao

PA2856 **Trends of respiratory pathogens causing ARI at a tertiary centre in Mumbai ,India**
Sanjitha Muneeswaran (Mahim, Mumbai, India), Aparna Naik, Shaoli Basu, Zarir F Udwadia, Jai Mullerpattan, Radhika Banka, Camilla Rodrigues, Lancelot M Pinto

PA2857 **Comparison of Multidrug-Resistant (MDR) and Non-MDR Patients in medical Intensive Care Unit: an observational study.**
Kaleem Toori (Rawalpindi, Pakistan), Ramsha Ghazal

PA2858 **Emergence and Distribution of MBL and Serine-β-Lactamase-Producing Pathogens in Ventilator-Associated Pneumonia: A Study on Multidrug and Extensively Drug-Resistant Strains"**
Zeb Hussain (Karachi, Pakistan), Asma Naim

PA2859 **Procalcitonin-guided antibiotic prescription in patients with respiratory syncytial virus (RSV) and influenza virus**
Lisa Hessels (Alkmaar, Netherlands), Didi Vossen, Miriam Leeuw, Nienke Paternotte, Dian Karssen, Lotte Terpstra, Wim Boersma

PA2860 **Bacterial extracellular vesicles as protective decoys: a novel mechanism of resistance**
Anna Lena Jung (Marburg, Germany), Marie Burt, Gerogia Angelidou, Christopher Nils Mais, Christian Preußer, Timo Glatter, Thomas Heimerl, Gowtham Boosarpu, Elke Pogge Von Strandmann, Janis Müller, Gert Bange, Mareike Lehmann, Nicole Paczia, Bernd Schmeck

PA2861 **Host-response profiles aid interpretation of rhinoenterovirus detection in adults hospitalised with acute respiratory infection.**
Alex Tanner (Southampton, United Kingdom), Bilge Eylem Dedeoglu, Rebecca Wong, Tristan W Clark

PA2862 **Association of predisposition infection response organ (PIRO) score for mortality risk of patients with bacterial community acquired pneumonia in a tertiary private hospital**
Nolin Meribel Realingo (San Juan, Philippines), Jamie Lynn Co

PA2863 **Safety and efficacy of CT-guided lung biopsy and drainage for the management of respiratory infections**
Kohei Fujita (Kyoto, Japan), Naoki Fujimoto, Saiki Yoshimura, Shogo Toyama, Takuma Imakita, Issei Oi, Osamu Kanai, Kiminobu Tanizawa

PA2864 **REACH: a multi-country, non-interventional study to evaluate the effectiveness of OM-85 for the prevention of recurrent respiratory tract infections in pediatric and adult patients, and its use in routine clinical practice**
Caterina Sansone (Geneva, Switzerland), Pauline Maffert, Lorenz Lehr, Giorgio Walter Canonica, Jinping Zheng, David Price

PA2865 **Selection of IgA coated microbiome from Endotracheal Aspirate.**
Veronica Monforte (08208, Spain), Laia Puig, Marta Camprubí, Elena Campaña, Aina Areny, Sara Quero, German Julia, Gemma Gomà, Emilio Diaz, Antoni Artigas, Leticia Suárez, Giuliana Magri, Adrian Ceccato

PA2866 **Comparison of pollutant levels and its effect on iinfluenza-like illness among adults in Hong Kong pre- and during COVID-19 pandemic**
Shama Razzaq (Hong Kong, China), King Lun Yeung, Wei Han

PA2867 **Clinical and radiological characteristics of viral and non-viral pathogens in hospitalized patients with pneumonia:a retrospective analysis**
Kübra Taskaraca Karabacak (Ankara, Turkey), Hulya Kaya, Azime Demirel Aydin, Livia Qose, Ozge Tonbuloglu Altiner, Asiye Ugras Dikmen, Nurdan Kokturk

PA2868 **Late Breaking Abstract - Rheological, inflammatory and bacterial analysis of sputum samples from patients with bronchiectasis in the CLEAR trial**
Michael C. McKelvey (Ballymena, United Kingdom), Gisli G. Einarsson, Christina Campbell, Andrew Jackson, Michael M. Tunney, J. Stuart Elborn, Judy M. Bradley, Clifford C. Taggart

PS-3 Session 238 08:00 - 09:30

Poster session: Emerging digital interventions in respiratory care: the evidence and transformative impacts

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Pulmonary function testing | Public health | Physiology

Chairs : David Drummond (Paris, France), Joren Buekers (Barcelona, Spain)

PA2869 **Impact of patient engagement tool on PAP therapy outcomes**
Jean-Louis Pepin, Holger Woehrle, Suyog More, Caleb Woodford, ANKIT GHILDIYAL, Melike Deger

PA2870	**Digital Health in ILD: Assessing Adherence to the Self-Assessment Algorithm in the European ILD Registry (eurILDreg ASA-ILD)** Ekaterina Krauss (Giessen, Germany), Laurenz H. Claas, Maria Molina Molina, Silke Tello, Jennifer Tschernucha, Katrin Becker, Sandra Wobisch, Stefan Kuhn, Raphael W. Majeed, Poornima Mahavadi, Oisin Byrne, Rebecca Borton, Philippe Bonniaud, Juergen Behr, Nik Hirani, Bruno Crestani, Carlo Vancheri, Andreas Guenther
PA2871	**Comparison of therapy outcomes in patients with PAP therapy using a patient engagement tool via PAP device vs a therapy companion app** Holger Woehrle (Ulm, Germany), Jean-Louis Pepin, Suyog More, Caleb Woodford, ANKIT GHILDIYAL, Melike Deger
PA2872	**„conneCT CF - Coaching and Telemedicine in Cystic Fibrosis Patients“** Stephanie Thee (Berlin, Germany), Mirjam Stahl, Sivagurunathan Sutharsan, Rainald Fischer, Manfred Ballmann, Svenja Straßburg, Janette Tattersall-Wong, Felicitas Lauer, Julia Weitzel, Ann-Kathrin Ketter, Daniel Lorenz, Juliane Schiller, Tim Schikowski, Franziska Pueschner, Volker E. Amelung, Lena Schlick, Carola Fuchs, Marcus A. Mall
PA2873	**Outcome of tailored education & retraining: feasibility study of performance & adherence in children with asthma: a RCT (OUTERSPACERS)** Will Carroll (Staffordshire, United Kingdom), James Chapman, Jason Suggett, Marie Ward, Jack Watson, Francis Gilchrist
PA2874	**Optimizing inhalation adherence and technique with patient-centric digital technology** Carola Fuchs (Starnberg, Germany), Sukeerthi Sanjay Kumar, Lena Schlick, Lea Botermann, Benjamin Heine, Andreas Liebl, Simon Buchner, Michael Hahn
PA2875	**Home spirometry with real-time quality control after lung transplantation or lung volume reduction: a 3-month pilot study** Benedetta Cavazzutti (BERGAMO, Italy), Astrid Blondeel, Hannelore Geysen, Iwein Gyselinck, Michaël Staes, Geert Celis, Jonas Claus, Rebecca Borton, Stephanie Everaerts, Laurens Ceulemans, Robin Vos, Fabiano Di Marco, Wim Janssens
PA2876	**Objective assessment of adherence in continuous cough monitoring: wear detection on the Hyfe CoughMonitor smartwatch** Mindaugas Galvosas (Wilmington, United States), Maksym Kosharnyi, Jaume Cabecerans, Joe Brew, Peter Small
PA2877	**Towards clinical improvement by using a smart inhaler in children with uncontrolled asthma, the IMAGINE study.** Esther Sportel (Enschede, Netherlands), Boony Thio, Kris Movig, Job Van Der Palen, Marjolein Brusse
PA2878	**Predicting low oxygen in COVID-19 patients isolating at home** Robert Wu (Toronto, Canada), Alex Mariakakis, Eyal De Lara, Joseph Munn, Maryann Calligan, Daniyal Liaqat, Salaar Liaqat, Junlin Chen, Teresa To, Philip W. Lam, Andrew Simor, Adrienne K. Chan, Nisha Andany, Sameer Masood, Nick Daneman, Tiffany Chan, Christopher Graham, Vikram Comondore, Andre De Moulliac, Alice Tu, Andrea S. Gershon
PA2879	**Unveiling the true value of digital health: a structured approach to valorising gains in digital asthma care** Alexander Reinartz (Gent, Belgium), Veerle De Colvenaer
PA2880	**Development and evaluation of a mobile application for comprehensive and personalized asthma self-management support** Natsumi Nomura (Urayasu,Chiba, Japan), Jun Ueki, Osamu Nagashima, Fumihiko Makino, Ryo Atsuta, Emika Sano, Megumi Ikeda, Miki Matsuki, Shinichi Sasaki
PA2881	**Mobile app-based home spirometry in Lymphangioleiomyomatosis.** Eamonn Costello (Dublin, Ireland), Rebecca Borton, Lawrence Ho, Claire Child, Mary Beth Brown
PA2882	**COPDCompEx Live Monitoring in a COPD Event Driven Study, CRESCENDO** Mohd Nubli Mustapa (Cambridge, United Kingdom), Colby Flint, Enti Spata, Adrian Merrick, Prasanth Rajendran, Russell Goom, Aleksandra Petkova, Long Luu, Jason Cooper, Rod Hughes
PA2883	**RE-SAMPLE Project: Integrating AI and Real-Time Monitoring of Acute Exacerbations for Personalized COPD Management** Pier-Valerio Mari (Roma (RM), Italy), Angela Nervoso, Giampaolo Chiapparelli, Maria Vittoria De Girolamo, Nicoletta Di Giorgi, Alice Luraschi, Lorenzo Carriera, Angelo Coppola, Francesco Macagno
PA2884	**Artificial intelligence (AI) software for spirometry quality control: external validation in primary care** Anthony Paulo Sunjaya (Sydney, Australia), George Edwards, Jennifer Harvey, Karl Sylvester, Joanna Purvis, Matthew Rutter, Joanna Shakespeare, Vicky Moore, Ethaar El-Emir, Gillian Doe, Karolien Van Orshoven, Suhani Patel, Maarten De Vos, Benoit Cuyvers, Paul Desbordes, Rachael Evans, Michael Morgan, Richard Russell, Ian Jarrold, Nannette Spain, Nicholas Hopkinson, Stephanie Taylor, Samantha Kon, David Scott, Toby Prevost, Marko Topalovic, William Man
PA2885	**Accuracy of an AI-developed questionnaire for early lung cancer screening.** Mykyta Pershyn (Vinnytsia, Ukraine), Anna Tvarkovska, Alina Dovgan

PA2886 **PHVoiceTrack – A Novel App for Voice Analysis in Pulmonary Hypertension**
Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Magdalena Igras-Cybulska, Artur Cybulski, Magdalena Majdak, Anna Doboszynska

PA2887 **A mobile phone application for monitoring the symptoms of people with asthma - INSPIRAR**
Celso Ricardo Fernandes de Carvalho (São Paulo (SP), Brazil), Gabriela M Araujo, Leandro M. R. Velloso, Regina M. Carvalho-Pinto, Lucia V. L. Filgueiras

PA2888 **Obstructive Sleep Apnoea Identifier Pathway – A landscape suitable for digitalization?**
Laura Piggott (Dublin, Ireland), Roisin Murray, Emma Mcnally, Orla Gavin, Alanna Brennan, Peter Coss, Brian Kent

PS-30 Session 239 08:00 - 09:30

Poster session: COVID-19: prevention, infection and treatment

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Imaging Respiratory intensive care Endoscopy and interventional pulmonology Pulmonary function testing

Chairs : Martha Purcell (Southampton, United Kingdom), Jyoti Bajpai (Lucknow (Uttar Pradesh), India)

PA2889 **Diagnostic accuracy of an AI-based model for quantifying COVID-19 lung involvement on chest CT: A cross-sectional study**
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Rúbia Mara Correia Campos Silva, André Luiz Cavalcante Trajano, Rafael Moraes Campos Vitorino, Mariana Sousa De Pina Silva, Fernanda Campos Vitorino, Camila Gomes De Souza Andrade, Pedro Cesana Portugal, Juan Carlos Calderón, Gustavo Nunes De O Costa

PA2890 **Do not overlook prolonged positive SARS-Cov2 PCR!**
Frédéric Riviere (Caen, France), Dylan Kadibanga, Sylvain Chantepie, Emmanuel Bergot

PA2891 **MET/PI3K/AKT Axis maintains SARS-CoV-2 Main protease stability and promotes viral replication**
Yiwen Xie (Hangzhou, Zhejiang, China), Kang Sun, Jiong Yu, Shaorui Hao, Hongcui Cao

PA2892 **Non-invasively measuring small airway RNA load & inflammation in acute COVID-19 at resource-limited primary care**
Sterghios Moschos (Newcastle Upon Tyne, United Kingdom), Pedro Almeida, Leonardo Oliveira, Daniel Querioz, Nicholas Bailey, Saqib Ali, Renato Aquiar, Mauro Teixeira

PA2893 **Omicron wave displayed a higher coagulation cascade in Mexican-Hispanic patients with severe COVID-19. A 2-wave analysis**
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Ortiz, Esperanza Figueroa-Hurtado, Ingrid Fricke Galindo, Ramcés Falfán-Valencia

PA2894 **Acute COVID-19 symptoms patterns in younger and older adults: a US nationwide study**
Manuela Di Fusco (New York, United States), Laura L. Lupton, Mary M. Moran, Joseph C. Cappelleri, Laura Puzniak, Alon Yehoshua, Santiago M.C. Lopez, Xiaowu Sun

PA2895 **SARS-CoV-2 Sub-Lineages and Severity in Hospitalized Patients Using Targeted Enrichment Sequencing**
Martha Purcell (Southampton, United Kingdom), Tommaso Morelli, Mohamed Darwish, Katie Bellis, Diego Teixeira, Alexander Allen, Paul Lee, Jacqueline Nuttall, Tristan Clark, Anna Freeman, Ewan Harrison, Tom Wilkinson

PA2896 **Bradykinin inhibition in COVID-19: a randomised, double-blind trial of icatibant versus placebo**
Melanie Bailey (DROMORE, United Kingdom), Dermot Linden, Hong Guo-Parke, Olivia Earley, Tunde Peto, Daniel Francis Mcauley, Clifford Taggart, Joseph Kidney

PA2897 **Association of Inhaled Corticosteroid Use with COVID-19 Severity and Hospitalization in Patients with and without Respiratory Disease**
Dekel Shlomi (Tel-Aviv, Israel), Michal Leibovich, Bernice Oberman, Jacob Cohen, Tamar Strahl, Noga Yosef, Yael Reichenberg

PA2898 **The relationship between pro-BNP levels and pneumonia severity and disease course in individuals with COVID-19 pneumonia**
Feride Marim (Kutahya, Turkey), Ümran Erbay, Şebnem Emine Parspur, Gökhan Yavaş, Deniz Uysal, Ilknur Kaya, Kamil Gönderen, Ceylan Ayada, Inci Arikan, Zeynep Yaren Yilmaz

PA2899 **Effects of COVID-19 Infection on QoL and Arterial Stiffness – a longitudinal observational study**
Klaas F. Franzen (Luebeck, Germany), Charlotte Ekenhorst, Dominik E. Pawlak, Markus Weckmann, Tobias Jagomast, Daniel Drömann

PA2900 **Effect of remdesivir on mortality of COVID-19 inpatients with chronic respiratory comorbidity**
Veronika Müller (Budapest, Hungary), Mark Berry, Martin Kolditz, Valentina Shvachko, Thomas Oppelt, Chen-Yu Wang, Essy Mozaffari, Amos Lichtman, Jay Hawkshead

PA2901 **Hemoglobin Levels and Mortality Risk in Severe COVID-19: A single center, retrospective cohort study**
Da Hye Moon (Chuncheon (Gangwon-do), Republic of Korea), Myoung-Nam Lim, Seung-Joon Lee, Woo Jin Kim, Seon-Sook Han

PA2902 **CT-derived muscle response in patients hospitalized for COVID-19**
Debbie Gach (Sittard, Netherlands), Frits Van Osch, Joop Van Den Bergh, Thomas Van Der Krieken, Hester Gietema, Sophie Van Bakel, Annemie Schols, Rosanne Beijers

PA2903 **Vagus Nerve Stimulation as a potential adjuvant treatment for COVID-19: a systematic literature review**
Adrian Balan (Timisoara, Romania), Maria Frent, Oana Raduna, Stefan Mihaicuta, Graham Giles, Stefan Frent

PA2904 **Prevalence of Pediatric Acute Respiratory Infections Before, During, and After the COVID-19 Pandemic in Dubai, UAE**
Omendra Narayan (Dubai, United Arab Emirates), Mazen Alhaj Ahmad, Albara' Alshalkhaty, Mukram Jamour, Saif Eddin Mansour, Obada Al-Wawi, Rabia Shah, Arun Thomas

PA2905 **Long-term effects of COVID-19 vaccination on preventing infection and hospitalization in household contacts from December 2021 to April 2023: A cohort study**
Dong Liu (Beijing, China), Limin Zhang, Xiaoyu Cao, Hui Zhang, Shasha Li, Ruirui Wang, Mingfeng Han, Yeming Wang, Bin Cao

PA2906 **Combination Treatment of Persistent SARS-CoV-2 Infection with Dual Antiviral Therapy and Intravenous Immunoglobulin: a novel approach.**
Elvira Markela Antonogiannaki (Athens, Greece), Myrto Blizou, Stefanos Lampadakis, Emmanouil Karofylakis, Andromachi Blizou, Thomas Raptakis, Effrosyni D. Manali, Spyros A Papiris, Stelios Loukides

PA2907 **Use of polygenic risk scores in the prediction of COVID-19 non-recovery**
Anne Florentine Goemans (Glasgow, United Kingdom), Olivia Leavy, Beatriz Guillen-Guio, Erola Pairo-Castineira, Konrad Rawlik, J. Kenneth Baillie, Amisha Singapuri, Rachael Evans, Christopher Brightling, Louise Wain, Tim Lucas, The Phosp-Covid Collaborative Group

PS-31 Session 240 08:00 - 09:30

Poster session: Pulmonary and extrapulmonary tuberculosis: clinical management

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Public health Epidemiology General respiratory patient care Transplantation Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Chairs : Christoph Lange (Borstel, Germany)

PA2908 **Identification of Pretomanid drug resistance in clinical isolates of Multi-Drug Resistant (MDR) Mycobacterium tuberculosis from North India**
ROOPENDRA KUMAR (Jabalpur, India), Ajay Vir Singh, Rajbala Yadav, Santosh Kumar, Devendra Singh Chauhan

PA2909 **Post-treatment outcomes three years after a 9-month regimen for rifampicin-resistant tuberculosis in Vietnam**
Thi Mai Phuong Nguyen (Hanoi, Vietnam), Tom Decroo, Binh Hoa Nguyen, Thi Thanh Thuy Hoang, Van Luong Dinh

PA2910 **Late Breaking Abstract - Previous pulmonary TB as a risk factor for lung functional impairment: a cross-sectional study in a rural area of Senegal**
Irene Sini (Orani, Italy), Lucia Allavena, Modou Ngom, Seynabou Sarr, Gorgui Sene, Lamine Ndong, Mamadou Ndiaye, Giorgio Besozzi, Alice Repossi, Maurizio Ferrarese, Giovanni Fumagalli, Niccolò Riccardi, Andrea Gramegna, Gianfranco Alicandro, Marco Mantero, Marina Tadolini, Francesco Blasi, Luigi Ruffo Codecasa

PA2911 **Adverse effects of anti-TB treatment in MDR-TB patients among different regimens**
Parvaneh Baghaei Shiva (Tehran, Islamic Republic of Iran), Majid Marjani, Afshin Moniri, Zahra Abtahian, Payam Tabarsi

PA2912 **Treatment success and predictors of unfavorable outcomes in isoniazid-monoresistant tuberculosis: A single-center retrospective cohort study in Malaysia**
Tee Sunn Ren (Kelantan, Malaysia), Suzila Che Sayuti, Azza Binti Omar, Mat Zuki Mat Jaeb

PA2913 **Ukraine's experience in rapid implementation of innovative short treatment regimens for DR-TB**
Olesia Medvedieva (city of Kyiv, Ukraine), Elmira Gurbanova, Natalia Lytvynenko, Olha Sakalska, Galina Gorenko, Natalia Klymenko, Natalya Kiyan, Lianna Kovtunovych, Maria Diachenko, Yana Terleeva

PA2914	**Prevalence and short-term outcomes of acute complications of tuberculosis: a cross-sectional, monocentre, Italian study.** Sara Maggioni (Milano, Italy), Cristina Albrici, Silvia Terraneo, Mariangela Puci, Giulia Ferranti, Sonia Henchi, Ottavia Viganò, Giulia Marchetti, Stefano Centanni, Claudia C. Dobler, Giovanni Sotgiu, Michele Mondoni
PA2915	**Therapeutic Stratification in MDR-TB: A 16.3% Efficacy Gap Between Treatment-Naïve and Retreated Patients in Urban China** yidian liu (shanghai, China)
PA2916	**Risk factors and causes of treatment failures in drug-susceptible tuberculosis in Lithuania over 22 years** Karolina Kėvelaitienė (Vilnius, Lithuania), Edvardas Danila, Valerija Edita Davidavičienė
PA2917	**Risk factors associated with drug-induced hepatoxicity (DIH) with antituberculosis medications among tuberculosis directly observed treatment short-course (TB-DOTS) patients in a tertiary hospital** Michael Gino Ordoña (Manila, Philippines), Cary Amiel Villanueva, Mithi Kalayaan Zamora
PA2918	**Correlation between serum isoniazid concentration and therapeutic response in pulmonary tuberculosis** roumaissa bellara (Le Kef, Tunisia), Hemissi Khaoula, Hend Abid, Hana Dhifallah, Nada Gueder, Narjes Abid, Hedia Ghrairi
PA2919	**Risk factors and treatment outcomes of drug-resistant Tuberculosis in migrants** Giovanni Fumagalli (Milano, Italy), Niccolò Riccardi, Maria Margherita Sbarbati, Maria Del Carmen Garcia Martearena, Gloria Leonardi, Maurizio Ferrarese, Alice Claudia Repossi, Laura Mizio, Chiara Bertonazzi, Marco Mantero, Luigi Ruffo Codecasa
PA2920	**Rare Presentation of Tuberculous Laryngitis in Adolescent: A Case of Severe TB Manifestations - Tuberculous Laryngitis, Miliary Tuberculosis and Tuberculous Meningitis Due to Lack of Prophylaxis** Vesna Vekovic (Belgrade, Republic of Serbia), Zorica Zivkovic, Marija Sredojevic, Nadja Jocic, Vera Aleksic
PA2921	**Prevalence of pre-existing delamanid drug resistance in Multi-Drug Resistant (MDR) Mycobacterium tuberculosis clinical isolates from northern India** Ajay Vir Singh (Agra, India), Roopendra Kumar, Rajbala Yadav, Santosh Kumar, Devendra Singh Chauhan
PA2922	**Endobronchial Tuberculosis:- Is surveillance bronchoscopy the missing link!!** Sourabh Pahuja (Faridabad (Haryana), India), Arjun Khanna, Pradeep Bajad, Rashika Vp, Satyam Agarwal, Swadha Jain
PA2923	**Mortality and multiresistant pulmonary tuberculosis in Abidjan, Ivory Coast.** PROWO THIFFANY (Abidjan, Cote d'Ivoire)
PA2924	**A Step Towards Tuberculosis Elimination – Advantages of Pretomanid Use in MDR-TB Patients** Aysel Aslanova (Baku, Azerbaijan), Irada Akhundova, Elcan Mammedbekov, Gulzar Alieva, Rashid Badalov, Konul Karimova, Nargiz Maharramova, Mehriban Sayfaddinova, Gunas Cafarova, Nazila Murguzova
PA2925	**Cardiovascular risks of bedaquiline use in patients with drug-resistant tuberculosis** Olha Molodovets (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Iryna Makoida, Olha Melnyk-Sheremeta, Natalia Pozur, Alla Zuban
PA2926	**Effectiveness of BPaL and BPaL/M short treatment regimens for DR-TB patients in Azerbaijan** Gulzar Aliyeva (Baku, Azerbaijan), Irada Akhundova, Konul Karimova, Aysel Aslanova, Hediyye Hajmammadli, Afaq Huseynova
PA2927	**Predictive factors of time to sputum culture conversion in multidrug-resistant tuberculosis** Mayssa Chariag (Tunis, Tunisia), Hafaoua Daghfous, Soumaya Ben Saad, Nourchene Khalfallah, Amani Ben Mansour, Fatma Tritar

PS-32 Session 241 08:00 - 09:30

Poster session: Paving optimisation in diagnosis and multidisciplinary supportive care in lung cancer

Disease(s) : Thoracic oncology Pulmonary vascular diseases

Method(s) : Palliative care General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Endoscopy and interventional pulmonology Imaging Epidemiology Surgery Public health Respiratory intensive care Transplantation

Chairs : Fernando Gamarra (Straubing, Germany), Chair to be confirmed

PA2928	**High frequency bronchoscopic microwave ablation for patients with lung cancer: interim results from the United Kingdom** Elif S. Agaoglu (London, United Kingdom), Chris M. Orton, Ley T. Chan, Anand Tana, Ashish Karir, Ines Meireles, Justin L. Garner, Patrick Burn, Pallav L. Shah

PA2929	**Factors associated with diagnostic delays in lung cancer in East Africa: The role of symptoms and passive smoking** Irene Najjingo (Kampala, Uganda), Grace Soka, Margaret Mbabazi, Faezeh Afsari, Immaculate Nankya, Robert Lukande, Harriet Kisembo, Simon Kasasa, James Hale, Fredrick Schumacher, Stanton Gerson, 2esther Ngadaya 2esther Ngadaya, Sayoki Mfinanga, Bruce Kirenga, Robert Salata
PA2930	**Management of Hemoptysis in Lung Cancer Patients – A Single-Center Experience** Christina Kytea (Münster, Germany), Ioannis Kyriazidis, Apostolos Pitoulias, Konstantinos Syrigos, Marousa Kouvela, Andriani Charpidou
PA2931	**The evaluation of Claude Bernard Horner's Syndrome** Emre Yanardag (Istanbul, Turkey), Halil Yanardağ, Muammer Bilir
PA2932	**Do our lung cancer services have access to non-pharmacological management pathways? Preliminary results from international survey in supportive care for lung cancer and pleural mesothelioma** Maria Koulopoulou (London, United Kingdom), Najib M Rahman, Georgia Hardavella
PA2933	**Reliability of telehealth and artificial intelligence for diagnosis of lung cancer** Leonardo Monteleone (Foggia, Italy), Pasquale Tondo, Giulia Scioscia, Terence Campanino, Crescenzio Gallo, Ruggiero Torraco, Gianluca Libero Ciliberti, Maria Cristina Colanardi, Antonio Giuseppe Palmiotti, Giancarlo D'Alagni, Donato Lacedonia
PA2934	**Interplay between mobility, social participation, and symptom burden in advanced lung cancer** Matthew Maddocks (BROMLEY, United Kingdom), Carmine Petrasso, Joanne Bayly, Lucy Fettes, Stephen Ashford
PA2935	**Real-life data on anticoagulants for the treatment of venous thromboembolism in lung cancer patients** Alix Souza (Lille, France), Simon Baldacci, Eric Wasielewski, Emeline Cailliau, Alexis Cortot, Arnaud Scherpereel
PA2936	**Cardiopulmonary exercise testing (CPET) in patients with suspected lung cancer (LC) – does the breathing reserve (BR) or oxygen saturation (O2sat) differ between 3-year survivors and non-survivors?** Guðrún Nína Óskarsdóttir (Reykjavik, Iceland), Henrik Mosen
PA2937	**Postoperative Lung Function Advantages in Pulmonary Segmentectomy for Early-Stage Lung Cancer** Elide Felici (Verona, Italy), Claudio Micheletto, Maurizio Infante, Ernesto Crisafulli, Giulia Sartori
PA2938	**Management of carcinomatous pericarditis with lung cancer: Is post-drainage pericardial adhesion still necessary?** Yoko Kida (Kobe, Japan), Ayako Yoshiyama, Yuya Furukawa, Sayaka Fujimoto, Soichiro Yoshimura, Kousuke Tokushige, Takahiro Masuda, Hiroki Sato, Naoko Hamazaki, Nanako Miwa, Masatsugu Yamamoto, Rikiya Koketsu, Toshiyasu Sakurai, Maki Kanzawa, Kimihide Tada
PA2939	**Research on Nursing Care of Palliative Treatment for Patients with Lung Cancer** Xueli Zhang (Changchun (Jilin), China), Hongjing Lin, Yi Cui, Zeyu Qin
PA2940	**Management of lung cancer in advanced stage: The place of non-conventional therapies** Chaima Habouria (Manouba, Tunisia), Nidhal Belloumi, Maroua Bouguacha, Imen Bechouch, Neder Mefteh, Fatma Chermiti, Sorraya Fenniche
PA2941	**Evaluation of a prehabilitation and rehabilitation service on lung cancer patient outcomes** Carol Keen (Sheffield (South Yorkshire), United Kingdom), Kerry Rosenthal, Gabriella Frith, Liam Humphreys, Nik Kudiersky, Gail Phillips, Anna Myers, Gary Mills, Diana Greenfield, Robert Copeland
PA2942	**Diagnostic challenge of lepidic-predominant adenocarcinoma** Ricardo Petinga Fortes (Lisboa, Portugal), Vera Figueiredo, Catarina Figueiredo Roquete, Marisa Anciães, Laura Santos, Cecília Pardal
PA2943	**Impact of consultation delay on the prognosis of patients with lung cancer** yosra bellil (bardo,tunis, Tunisia), Hela Kamoun, Hadhemi Rejeb, Sirine Arfa, Dorra Greb, Hela Hassene, Hanene Smadhi, Leila Elfekih
PA2944	**FDG PET-CT to evaluate metastatic patterns and organ distribution in molecular subgroups of stage IV NSCLC.** Zhou Li (Munich, Germany), Yu Tian, Diego Kauffmann-Guerrero, Maria N. Arredondo, Marah Freiwan, Rosemarie Kiefl, Friederike Völter, Lena M. Unterrainer, Adrien Holzgreve, Amanda Tufman
PA2945	**Combined chest tomography imaging with second-look bronchoscopy in patients with suspected lung cancer** Manel Jabberi (tunisia, Tunisia), Tasnim Znegui, Sarra Maazaoui, Mariem Chaaben, Ameni Toui, Sonia Hbibech, Hejer Racil, Nawel Chaouch
PA2946	**Is there additional diagnostic value of staging computed tomography (CT) to positron emission tomography (PET-CT) in patients with suspected early-stage lung cancer?** Mohammed Hussain (Stoke-on-Trent, United Kingdom), Viktoria Oakden, Emad Abugassa, Farhan Ali, Mohammed Mobasshir Hassan, Yusuf Elakhdar, Moazzma Ifzaal, Amna Salman, Muhammad Badar Ganaie

PA2947 **Correlation between spread through air spaces (STAS) and clinico-pathological parameters in lung cancer surgery**
Daniela Xhemalaj (Tirana, Albania), Ilir Skenduli, Jolanda Nikolla, Kleida Mati, Jonida Tula, Arben Tanka, Eriselda Kurushi, Elvisa Kozma, Silva Bala

PS-33 Session 242 08:00 - 09:30

Poster session: Biomarkers and prognostication in malignant pleural effusions

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology General respiratory patient care Endoscopy and interventional pulmonology Public health Physiology

Chairs : Sotirios Zarogiannis (Larisa, Greece), Erasmia Rouka (Larissa, Greece)

PA2948 **SIRPG: A Novel Biomarker for Discriminating Tuberculous vs. Malignant Pleural Effusion**
Wenbei Peng (Wuhan, China), Jiaqi Ai, Qianqian Xue, Bohan Yang, Qiong Zhou

PA2949 **H3K18 lactylation in cancer-associated fibroblasts drives malignant pleural effusion progression via recruiting TNFR2+Tregs**
Qiong Zhou (Wuhan, China), Linlin Ye, Xuan Xiang, Wenbei Peng

PA2950 **Single-Cell Transcriptomics Identifies T Cell Exhaustion and STAT1 Loss as Hallmarks of Malignant Pleural Effusion Progression**
Wenbei Peng (Wuhan, China), Qianqian Xue, Linlin Ye, Qiong Zhou

PA2951 **Immune-molecular retyping (IMR) in NSCLC progression with medical thoracoscopy (MT): a valid option?**
Petra Meneghin (Revine Lago, Italy), Matteo Daverio, Davide Scattolin, Giulia Pasello, Fiorella Calabrese, Giulia Bartolucci, Marco Damin, Davide Biondini, Mariaenrica Tinè

PA2952 **Pleural liquid biopsy: A non-invasive adjunct to tissue biopsy for molecular profiling**
Padraig Ridge (Baile na-Habainn (Co. Galway), Ireland), Margaret Gleeson, Christina Campbell, Sile Toland, Ross Morgan, Emmet O'Brien, Imran Sulaiman, Daniel Ryan

PA2953 **Investigating the impact of CMV on outcomes in pleural mesothelioma**
Geri Lynch (Taunton, United Kingdom), Eleanor Barton, Jenny Symonds, Elisabeth North, Richard Hopes, Amelia Clive, Rahul Bhatnagar, Steven Walker, David T Arnold, Anna Morley, Emeka Azubuike-Dyer, Timothy Wallington, Anna Bibby, Nick Maskell

PA2954 **Validation and diagnostic value of emerging ratios and indicators in classification of pleural effusion compared to Light's criteria**
Léo Franchetti (Basel, Switzerland), Jürgen Hetzel, Antje Prasse, Kathleen Jahn

PA2955 **Baseline dyspnoea predicts benefit in malignant pleural effusion (MPE) patients undergoing therapeutic procedures: a meta-analysis of individual patient data**
Syed Hamza Abbas (Norwich, United Kingdom), Sanjeevan Muruganandan, Rahul Bhatnagar, Nick Maskell, Gary Lee, Najib Rahman, Eleanor Mishra

PA2956 **The association of defective pleural sRAGE production with the recurrence of malignant pleural effusion after medical pleurodesis**
Chakchawis Kanokkantapong (90110, Thailand), Chalit Boonpromkul, Jirawat Assawabhumi, Kittipong Maneechotesuwan

PA2957 **Transforming growth factor-β1 as a predictor of lung expandability and pleurodesis success in malignant pleural effusion**
Jarudul Phocharoen (Bangkok, Thailand), Pimpayao Sodsai, Virissorn Wongsrichanalai, Nophol Leelayuwatanakul

PA2958 **Role of transthoracic US scores in evaluating efficacy of pleurodesis in malignant pleural effusion patients**
Dalia Ezat Elsharawy (Elgharbya, Egypt), Gehad Shita, Ragia Sharshar, Mohamed Hantera

PA2959 **Beyond NSCLC and IMT: therapeutically targetable ALK rearranged malignant mesenchymal tumors in the thoracic region**
Sameer Puri (New Delhi, India), Shreya Sadhu, Aruna Nambirajan, Prabhat Singh Malik, Adarsh Barwad, Asit Ranjan Mridha, Deepali Jain

PA2960 **Immunotherapy in Malignant Pleura Mesothelioma: Real-world Data from a Tertian hospital in chest diseases.**
ILIAS BITSAS (ATHENS, Greece), M. Bitsaki, I. Gkiozos, M. Mani, M. Kouvela, O. Fiste, E. Zervas, K. Samitas, A. Liapikou, C. Zisis, G. Stratakos, A. Charpidou

PA2961 **Prognostic assessment of malignant pleural effusion in the era of new targeted systemic oncologic treatments**
Raphael Freitas Jaber De Oliveira (Campos Dos Goytacazes (RJ), Brazil), Thiago Thomaz Mafort, Agnaldo José Lopes

PA2962 **Gene expression of IL33-ST2 interactome in patients with pleural mesothelioma reveals a role for AMPH gene**
Ourania Kotsiou (Larissa, Greece), Eleftherios Papazoglou, Raj Jagirdar, Charalampos Varsamas, Konstantinos Gourgoulianis, Sotirios Zarogiannis

PA2963 **Late Breaking Abstract - Lithocholic Acid Promotes M2-like Macrophage Polarization via Vitamin D Receptor Upregulation in Malignant Pleural Effusion**
wang sufei (wuhan, China), Yang Jin, Hui Xia, Xueyun Tan, Yaqi Cao, Mengjia Yi, Yanling Ma, Daquan Meng, Yuanyang Hu

PS-34 Session 243 08:00 - 09:30

Poster session: Technology and imaging in interstitial lung disease/Clinical aspects in interstitial lung disease

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Epidemiology Pulmonary function testing Transplantation

Chairs : Punchalee Kaenmuang (Songkhla, Thailand), Diana Calaras (Chisinau, Republic of Moldova)

PA2964 **Deep learning analysis of pulmonary vessel volume (PVV): prognostic implications in idiopathic pulmonary fibrosis (IPF)**
Gaetano Rea (Naples, Italy), Annalisa Mazzocca, Stefano Sanduzzi Zamparelli, Roberta Lieto, Dario Bruzzese, Raphael Borie, Bruno Crestani, Marialuisa Bocchino

PA2965 **CT Lung Volume measurements are Useful in Predicting Treatment Response in Idiopathic Pulmonary Fibrosis**
Yoshiaki Zaizen (Kurume, Japan), Midori Zaizen, Kenji Tsumura, Tomonori Chikasue, Masaki Tominaga, Kiminori Fujimoto, Tomoaki Hoshino

PA2966 **SPAIDNet: a Deep Learning-Based Imaging Classification Framework for Interstitial Lung Disease Developed and Validated in A Multicenter Prospective Cohort Study**
Hongyi Wang (Beijing, China), Min Liu, Huaping Dai

PA2967 **Deep learning analysis of serial CT scans correlates with changes in how patients feel, function and survive in fibrotic interstitial lung disease**
Giles Dixon (Exeter, United Kingdom), Huzaifa Adamali, Jo Hardy, Matthew Wells, Tom Hartley, Ana-Maria Adam, Sophie Whiteley, Elliot Bussell, Stephen Bishop, Muhunthan Thillai, Simon Walsh, Krasimira Tsaneva-Atanasova, Michael A Gibbons, Shaney L Barratt, Chris J Scotton, Jonathan Cl Rodrigues

PA2968 **Developing and Validation of a Multimodal-based Machine Learning Model for Diagnosis of Usual Interstitial Pneumonia: a Prospective Multicenter Study**
Hongyi Wang (Beijing, China), Min Liu, Huaping Dai

PA2969 **Short-Term Longitudinal Assessment of Automated Lung Parenchyma Analysis in IPF**
Martyna Martka (Łódź, Poland), Joanna Miłkowska-Dymanowska, Wojciech J. Piotrowski, Sebastian Majewski

PA2970 **Functional Characteristics of fibrosing interstitial lung diseases on phase-resolved functional lung magnetic resonance imaging**
Yifei Ni (Beijing, China), Min Liu

PA2971 **A CT imaging measure of combined pulmonary fibrosis and emphysema (CPFE)**
Jennifer Wang (Ann Arbor, United States), Janelle Pugashetti, Susan Murray, Nisha Mohan, Nazanin Nazemi, Edward Kang, Ella Kazerooni, Kevin Flaherty, Elizabeth Belloli, Jamie Sheth, David O'Dwyer, Charles Hatt, Meilan Han, Justin Oldham

PA2972 **Motion Diagnosis for Tracheal Change in Interstitial Lung Disease using Respiratory Dynamic CT**
Hiroaki Nakagawa (Otsu (Shiga), Japan), Yoko Tsunoda, Yukihiro Nagatani, Akio Yamazaki, Daisuke Kinose, Masafumi Yamaguchi, Emiko Ogawa, Yasutaka Nakano

PA2973 **The initial CT can predict progressive pulmonary fibrosis in unclassifiable idiopathic interstitial pneumonias**
Ryoko Egashira (London, United Kingdom), Tae Iwasawa, Ryo Okuda, Yuriko Takeda, Tomohisa Baba, Toru Arai, Yasuhiro Kondoh, Yutaro Nakamura, Keisuke Tomii, Takafumi Suda, Akira Hebisawa, Chiyoko Kono, Yasuo Kohashi, Kazuya Tsubouchi, Daisuke Inoue, Masamichi Komatsu, Masamichi Mineshita, Yuichiro Kimura, Kazuyoshi Imaizumi, Yasutsugu Fukushima, Nao Ichihara, Kunihiko Kobayashi, Toshihiro Nukiwa, Takashi Ogura

PA2974 **SPECT-CT imaging of avb3 integrin reveals increased activity in patients with fibrotic interstitial lung disease compared to healthy controls**
Giles Dixon (Exeter, United Kingdom), David Little, Sarah Cade, Jon Barnett, Druin Burch, Jonathan Cl Rodrigues, Krasimira Tsaneva-Atanasova, Chris J Scotton, Shaney L Barratt, Michael A Gibbons

PA2975 **Role of 3-D Echo in Predicting Pulmonary Vascular Damage in IPF: a prospective study**
Umberto Zanini (monza, Italy), Andrea Lombi, Marta Tundo, Riccardo Ripamonti, Paola Alfieri, Chiara Milano, Davide Pandolfino, Paola Faverio, Fabrizio Luppi, Giuseppe Paciocco

PA2976 **Late Breaking Abstract - Safety, tolerability, and pharmacokinetics of inhaled TGF-β1 modulator in healthy Chinese subjects: a randomized, double-blind, placebo-controlled phase 1 trial**
Lixiu He (Chengdu (Sichuan), China), Ling Yang, Yi Ding, Xiaomei Li, Qiu Jiang, Zhu Luo

PA2977 **Late Breaking Abstract - Safety and tolerability of nerandomilast in patients with pulmonary fibrosis: pooled data from the FIBRONEER-IPF and FIBRONEER-ILD trials**
Justin M Oldham (Ann Arbor, United States), Shervin Assassi, Arata Azuma, Vincent Cottin, Anna-Maria Hoffmann-Vold, Michael Kreuter, Toby M Maher, Luca Richeldi, Claudia Valenzuela, Marlies S. Wijsenbeek, Daniel Wachtlin, Gerrit Weimann, Ivana Ritter, Donald F Zoz, Fernando J Martinez

PA2978 **Myeloperoxidase Antineutrophil Cytoplasmic Antibodies (MPO-ANCA) in Idiopathic Pulmonary Fibrosis: Prevalence and Risk of Progression to Microscopic Polyangiitis in a UK Cohort**
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Bavithra Vijayakumar, Conal Hayton

PA2979 **Indicators of disease severity and prognosis in patients with IPAF**
Ewa Miadlikowska (Łódź, Poland), Joanna Miłkowska-Dymanowska, Adam Jerzy Białas, Joanna Samanta Makowska, Anna Lewandowska-Polak, Anna Puła, Piotr Łacwik, Anna Kumor-Kisielewska, Wojciech Jerzy Piotrowski

PA2980 **Interstitial Lung Disease (ILD) Associated With Pulmonary Hypertension (PH): Considerations After 2024 World Symposium for Pulmonary Hypertension (WSPH) Guidance – A Single ILD Centre Perspective**
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Trishala Raj, Saniya Rizwan, Harshana Bandara, Pilar Rivera-Ortega

PA2981 **The need for genetic consultation in lung transplantation for interstitial lung diseases**
Martina Šterclová (Praha, Czech Republic), Zdenka Strakova, Lucie Valentova Bartakova, Libor Fila

PA2982 **Vertebral fractures as a predictor of reduced forced vital capacity in subject with interstitial lung disease**
Loredana Carobene (Bussolengo, Italy), Susanna Baltieri, Angela Ventura, Francesco Pollastri, Sofia Comandini, Giovanni Adami, Maurizio Rossini, Isotta Galvagni, Stefania Montemezzi, Davide Gatti, Claudio Micheletto, Angelo Fassio

PA2983 **Effects of ezetimibe on lung function in placebo-treated patients from idiopathic pulmonary fibrosis trials**
Rayid Abdulqawi (Riyadh, Saudi Arabia), Ghada Algwaiz, Haifa Aldakhil, Edward Devol, Imran Satia, Fasihul Khan, Martin Kolb, Zainab Al Duhailib, Eid Al-Mutairy

PS-35 Session 244 08:00 - 09:30

Poster session: Clinical registries and real-world data in interstitial lung disease

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Surgery Imaging Endoscopy and interventional pulmonology Cell and molecular biology

Chairs : Philippe Camus (Dijon, France), Jaume Bordas Martinez (Barcelona, Spain)

PA2984 **DARWIN EU® - Incidence, survival and characterisation of individuals with interstitial lung disease in Europe**
Nicholas Hunt (Rotterdam, Netherlands), Adam Black, James Brash, Antonella Delmestri, Patricia García-Poza, Romain Griffer, Gargi Jadhav, Ana Llorente-Garcia, Miguel-Angel Macia-Martinez, Hezekiah Omulo, Guillaume Verdy, Dina Vojinovic, Katia Verhamme

PA2985 **Sex differences in a UK Idiopathic Pulmonary Fibrosis (IPF) population: analysis of the British Thoracic Society (BTS) Interstitial Lung Disease (ILD) Registry**
Sarah Mulholland (Bristol, United Kingdom), Giles Dixon, Matthew Wells, Paul White, Sam Harding, Anne-Marie Russell, Shaney Barratt

PA2986 **Baseline characteristics of patients with idiopathic pulmonary fibrosis in China based on a prospective multi-center registry**
Huaping Dai (Beijing, China), xinran zhang

PA2987 **Idiopathic pulmonary fibrosis in Morocco : single center experience**
Karima Marc (Rabat, Morocco), Fenna Ahsino, Jamaleddine Bourkadi, Rachid Razine

PA2988 **Depression & anxiety screening in interstitial lung disease, a global perspective and review of current literature**
Aahd Kubbara (ROCHESTER, United States), Leah Bolden, Katherine Janssen, Hyun Kim

PA2989 **Role of lung cancer screening in detection of Interstitial Lung Diseases**
Martina Bonifazi (Ancona (AN), Italy), Francesca Gonnelli, Marina Carotti, Federico Mei

PA2990	**Work productivity and activity impairment in people with pulmonary fibrosis: insights from the I-FILE registry** Catharina C. Moor (Rotterdam, Netherlands), Gizal Nakshbandi, Remy Mostard, Wim Wuyts, Vincent Cottin, Michael Kreuter, Marcus Polke, Katarina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna-Maria Hoffman-Vold, Michael Durheim, Anneke Van Veen, Hilde Bjørkekjær, Madelon Vonk, Zoe Daniil, Laura Spencer, Philippe Bonniaud, Gregoire Prévot, Phil Molyneaux, Marlies Wijsenbeek
PA2991	**Multidisciplinary Discussion in Interstitial Lung Disease: A 5-Year Data Summary from a Large Single-Center in China** Shiyao Wang (Beijing, China), Yanhong Ren, Bingbing Xie, Min Liu, Ling Zhao, Sizhao Li, Huaping Dai
PA2992	**Interstitial lung abnormalities: an Italian multicenter retrospective observational study.** Silvia Carlini (Rimini, Italy), Claudia Ravaglia, Sara Piciucchi, Diletta Cozzi, Edoardo Cavigli, Alessandra Dubini, Valeria Pasini, Camilla Comin, Venerino Poletti, Sara Tomassetti
PA2993	**Interstitial lung abnormalities management, a real-life survey of England Targeted Lung Health Check** Laura Fabbri (London, United Kingdom), Richard . Hewitt, Brintha Selvarajah, Emily Fraser, Wendy Adams, Haval Balata, Amyn Bhamani, Joe Jacob, Sam Janes, Richard Lee, Arjun Nair, Emma O'Dowd, Conal Hayton
PA2994	**Real-world evidence from the INSIGHTS-ILD registry: Impact of INBUILD criteria on disease progression and therapy modifications** Juergen Behr (München, Germany), Michael Kreuter, Andreas Günther, Francesco Bonella, David Pittrow, Christine Pausch, Dirk Skowasch, Heinrike Wilkens, Hubert Wirtz, Martin Claussen, Christian Grohé, Lars Hagmeyer, Stephan Budweiser, Ioana Andreica, Ulrich Neff, Heike Biller, Sven Glaeser, Martin Schwaiblmair, Peter Schramm, F. Joachim Meyer, Karine Thabaret, Tobias Veit, Marion Frankenberger, Lea Drobbe, Wolfgang Gesierich, Bernd Seese, Achim Grünewaldt, Philipp Markart, Michael Westhoff, Joachim Kirschner, Julia Wälscher, Stephan Eisenmann, Stephan Walterspacher, Claus Neurohr, Claus-Peter Kreutz, Daniel Grund, Sabine Haberl, Ralf Ewert, Beate Stubbe, Markus Polke, Frank Reichenberger, Werner Von Wulffen, Ekaterina Krauss, Michael Weber, Benjamin Seeliger, Antje Prasse, Elaine Koch, Dirk Koschel
PA2995	**Investigation of Postoperative Pulmonary Complications in Patients Undergoing Lung Biopsy with a Preliminary Diagnosis of Interstitial Lung Disease** Fatih Uzer (Antalya, Turkey), Emin Unal, Aliye Gamze Calis, Hakan Keskin
PA2996	**Prompt detection of respiratory function decline by remote monitoring in patients with IPF who refuse antifibrotic therapy** Stefano Levra (Moncalieri, Italy), Francesca Lonardi, Sara Roetti, Fabiana Giannoccaro, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Giuseppe Guida, Flavio Crosa, Fabio Luigi Massimo Ricciardolo
PA2997	**Clinical characteristics, BALF composition and Follow-up Data of Patients with Unclassifiable ILD; Results from a single-center study.** Eirini Vasarmidi (Heraklion (Crete), Greece), Eliza Tsitoura, Marilena Lourou, Ioanna Argyriou, Eleni Bibaki, Konstantinos Karagiannis, Aristea Zouraraki, Nikolaos Tzanakis, Sofia Schiza, Katerina M. Antoniou
PA2998	**Organic and Inorganic exposures in Interstitial Lung Disease** Laura Shannon (Ballyclare, United Kingdom), Leeanne Jackson, Pat Gorman, Louise Macpherson, Eoin Murtagh, Paul Minnis
PA2999	**Impact of air pollutant exposure on acute exacerbation of idiopathic pulmonary fibrosis: A nationwide population-based study** Ju hyun Oh (Seoul, Republic of Korea), Jun-Pyo Myong, Yun-Hee Lee, Jin Woo Song
PA3000	**INFLUENCE OF AIR POLLUTION LEVELS ON THE DECLINE OF LUNG FUNCTION IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS** Pablo Mariscal Aguilar (Madrid, Spain), Luis Gómez-Carrera, Carlos Carpio, Mariana Díaz- Almirón, Ester Zamarrón, Francisco Gayá Moreno, Concepción Prados, Cristina Mariscal, Elena Villamañán, Isabel Esteban- Rodríguez, Lucía Esteban, Rodolfo Álvarez-Sala Walther
PA3001	**Impact of application of the race-neutral equation on predicting prognosis in Korean patients with idiopathic pulmonary fibrosis** Hyeonsu Lee (Seoul, Republic of Korea), Jimyung Park, Chang-Hoon Lee
PA3002	**Acute exacerbation of interstitial lung diseases: A prospective multicenter observational study** Toru Arai (Osaka, Japan), Junji Otsuka, Shinobu Akagawa, Yoriyuki Murata, Hidetoshi Yanai, Ryoji Ito, Takuo Shibayama, Toshihiko Ii, Toshiyuki Kita, Yoshifusa Koreeda, Takayasu Watanabe, Isoko Owan, Atsuko Hara, Kentaro Wakamatsu, Akihiro Yoshii, Shiro Ohshima, Shin Sasaki, Susumu Oguri, Naoki Arai, Eiji Yatsuyanagi, Hiroshi Moriyama, Yasushi Tanimoto, Tadakatsu Tsuji, Chikatoshi Sugimoto, Yoshikazu Inoue, Masaki Hirose, Takayuki Takimoto, Naoko Takeuchi, Hiromitsu Sumikawa
PA3003	**IPF patients with preserved spirometry: rapid decisions and lasting choices** Carmine Ruggiero (Oxford, United Kingdom), Karen Parsons, Emily Fraser, Ling-Pei Ho, Peter Saunders, Yvonne West, Rachel K. Hoyles

PS-36 Session 245 08:00 - 09:30

Poster session: Primary care and quality of life in interstitial lung diseases

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Epidemiology Public health Pulmonary function testing General respiratory patient care Pulmonary rehabilitation Respiratory intensive care

Chairs : Athénaïs Boucly (Paris, France), Chair to be confirmed

PA3004	**Development of the Hypersensitivity pneumonitis South Asian Questionnaire for Exposure (HP-SAQE)** Ambika Sharma (JAIPUR, India), Sheetu Singh, Virendra Singh, Amila Rathnapala, Nishtha Singh, Nitesh Gupta, Vijay Hadda, Mansi Gupta, Sahajal Dhooria, Parthasarathi Bhattacharyya, Parvaiz A Koul, Raja Dhar, Kripesh Ranjan Sarmah, Dipesh Maskey, Ravi Dosi, H J Gayathri Devi, Dipti Gothi, Asmita Mehta, Arpana Neopane, P Arjun, Alok Kumar Singh, Pahal M Soibam, Bodhika Samarasekera, Sonia Dalal, Sujeet Kumar Madhukar, Sandeep Katiyar, N Loganathan, Devi Jyoti Dash, Harjit Dumra, Deepak Talwar, Sonam Spalgais, Viswesvaran Balasubramanian, Murali Mohan, Saima Saeed, Matiur Rahman, Sk Chhabra, Zarir Udwadia, Aditya Agarwal, Naveen Dutt, Richa Gupta, Eshanth Perera, Aniket Mondal, Kerri A Johannson
PA3005	**Functional Respiratory Patterns and Classification of Ventilatory Defects in Interstitial Lung Diseases: Percent Predicted vs. Z-Score Approach** Khouloud Kchaou (Ariana, Tunisia), Yosra Abdelhedi, Soumaya Khaldi, Chaima Briki, Saloua Ben Khamsa Jameleddine
PA3006	**Co-designing FILIP: The pulmonary fibrosis learning and self-management program** Thomas Riegler (Zurich, Switzerland), Thimo Marcin, Sabina A. Guler, Markus Wirz, Lauren Clack, Milo A. Puhan, Patrick Brun, Anja Frei
PA3007	**Gender disparity in immunosuppression prescribing in progressive pulmonary fibrosis (PPF) patients from the British Thoracic Society (BTS) United Kingdom (UK) interstitial lung disease (ILD) registry** Gina Amanda (Jakarta Pusat, Indonesia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri
PA3008	**The patient journey to identification of progressive pulmonary fibrosis (PPF): data from the INCHANGE study** Katrin Esther Hostettler (Basel, Switzerland), Ventsislav Dimitrov, Katarzyna Górska, Anita Sahu-Osen, Maria Sanzharovskaya, Claudia L Toma
PA3009	**Results from a Novel Ongoing Prospective Screening Algorithm for Patients at risk for Interstitial Lung Disease** Katarina Zeder (Graz, Austria), Florentine Moazedi-Fuerst, Lea Baumgartner, Lisa Blazek, Bernd Bohr, Philipp Douschan, Holger Flick, Vasile Foris, Bastian Guettler, Maria Hermann, Balazs Illes, Nikolaus John, Teresa John, Maria Kuehnelt-Leddihn, Xhylsime Kqiku-Kryeziu, Katrin Milger-Kneidinger, Martin Trinker, Christoph Wohlkoenig, David Kickinger, Balazs Odler, Philipp Jud, Wolfgang Salmhofer, Emina Talakic, Horst Olschewski, Jens Thiel, Nikolaus Kneidinger, Gabor Kovacs
PA3010	**Incorporating patient perspectives in the design of BEconneCTD-ILD: a belimumab phase 3 trial in CTD-ILD** Toby M Maher (Los Angeles, United States), Elizabeth R Volkmann, Michael Kreuter, Masataka Kuwana, Didier Saurigny, Lazaro Mwandigha, Miguel Villarreal, Svetlana Nihtyanova, Wesley Peters, William Fahy, Ryan Tomlinson, Elaine Irving
PA3011	**Role of Living with Pulmonary Fibrosis impacts questionnaire (L-PF) in predicting interstitial lung disease (ILD) progression** Serena Bellani (Padova, Italy), Elisabetta Cocconcelli, Laura Natoli, Giusi L'Abbate, Marco Cattelan, Gioele Castelli, Giacomo Giulianelli, Nicol Bernardinello, Paolo Spagnolo, Elisabetta Balestro
PA3012	**A retrospective evaluation of a novel specialist shared care ILD pathway** Helen Parfrey (Cambridge (Cambridgeshire), United Kingdom), Christine Fiddler, Naomi Hosking, Tessa Lush, John Hartley, Richard Moore, Maryam Najafi, Sam Rees, Scott Taylor, Joshua Wells, Rekha Badiger
PA3013	**Association Between BMI and Pulmonary Function Decline in a Mixed Interstitial Lung Disease Population: A Retrospective Analysis** Tine Follet (Steenokkerzeel, Belgium), Marie Vermant, Nathalie Veyt, Stefan Gogaert, Marieke De Rooy, Albana Koci, Nina Verachtert, Jasmien Van Den Bergh, Christophe Matthys, Marianne Carlon, Laurens De Sadeleer, Bart Vanaudenaerde, Nico De Crem, Wim Wuyts
PA3014	**IMPACT OF REMOTE VITAL SIGNS MONITORING IN PEOPLE USING LONG-TERM OXYGEN THERAPY: A RCT** Elinny Raissa M. Reis (São Paulo, Brazil), Marieta C.A Cunha, Gabriela M. Alencar, Amanda M. Schneider, Bruno G. Baldi, Guilherme P. Bridi, João G. Silva, Luis C. P. Sousa Junior, Mari C. T. Fernandes, Regina M. Carvalho Pinto, Juliana M. B. Santos, Celso R. F. Carvalho
PA3015	**Poor nutritional status is associated with higher mortality in fibrosing ILD** Juan Ignacio Enghelmayer (Ciudad Autónoma Buenos Aires, Argentina), Eugenia Perticone, Veronica Barcos, Ailin Vallejos, Silvana Acuna, Alberto Casey, Gabriela Legarreta

PA3016	**Frequency of Lung Cancer in Cases of Progressive Pulmonary Fibrosis** Gülfer Nigar Okumuş (Istanbul, Turkey), Aslıhan Balvi, Ulku Durak, Gokhan Altan, Shirkhan Amikishiyev, Yasemin Yalçınkaya, Zuleyha Bingol, Murat Inanc
PA3017	**ILD-GAPm score: Integrating monocyte count for better mortality risk prediction in fibrotic hypersensitivity pneumonitis (fHP)** Mariana Gonzalez Ribeiro (Gaia, Portugal), Maria João Moura, Inês Neves, Patrícia Caetano Mota, David Barros Coelho, André Terras Alexandre, Hélder Novais Bastos, André Carvalho, Conceição Souto Moura, Susana Guimarães, António Morais, Natália Melo
PA3018	**Associations to Cough-Related Quality of Life in ILD** Ana Sofia Brites Grave (Alcobaça, Portugal), Vânia Fernandes, Sandra Dinis, Ana Loureiro, Diogo Tecelão, Alda Marques, Ana Oliveira
PA3019	**Factors affecting caregiver stress syndrome in interstitial lung disease** Lanier O'Hare (Birmingham, United States), Kathleen Lindell, Shore Jessica, Horvath Gregor, Kulkarni Tejaswini
PA3020	**Longitudinal home monitoring in interstitial lung disease: Report on 12-month data capture** Marium Naqvi (London, United Kingdom), Rebecca Borton, Sarah Lines, Joanne Dallas, Jessica Mandizha, Howard Almond, Colin Edwards, Wendy Adams, Joseph Vincent, Richard Russell, Michael Gibbons, Anne Marie Russell, Alex West
PA3021	**Cardiac involvement and pulmonary hypertension in interstitial lung disease: a comprehensive evaluation using ECG and 2D-echocardiography for early detection and risk stratification.** Radha P. Munje (Nagpur (Maharashtra), India), Mohammad Aateer Shaikh, Punit Jhawar, Sanjay Gour, Gyanshankar Praphullakumar Mishra
PA3022	**Disease-Specific educational webinars for patients with Interstitial Lung Disease (ILD), a quality improvement project (QI)** Maria Koulopoulou (London, United Kingdom), Katerina Antoniou, Demosthenis Bouros, Vasilios Tzilas, Georgios Margaritopoulos
PA3023	**Familial Pulmonary Fibrosis in Brazil: Expirience of forty cases in a referral ILD center.** Fernanda de Aguiar Baptista (Salvador (BA), Brazil), Paula Tannus, Rúbia Campos, Guilherme Montal

PS-37 Session 246 08:00 - 09:30

Poster session: Alveolar filling disorders and autoimmune lung diseases

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Pulmonary function testing Respiratory intensive care Cell and molecular biology Epidemiology General respiratory patient care Public health Imaging Physiology

Chairs : Stéphane Jouneau (Rennes Cedex, France), Helen O'Brien (Ratoath, Ireland)

PA3024	**A novel, rapid, and effective cardiopulmonary bypass-based technique for whole lung lavage in pulmonary alveolar proteinosis and silicosis.** Eviatar Naamany (Herzliya, Israel), Karam Azem, Shai M. Amor, Safo Awad, Lev Freidkin, Dror Rosengarten, Shimon Izhakian, Mordechai R. Kramer
PA3025	**Development of a dried serum assay for the detection of GM-CSF antibodies to aid in the diagnosis of autoimmune pulmonary alveolar proteinosis (aPAP)** Eagappanath Thiruppathi (Rockville, United States), Joannah Kim, Rico Djidotor, Aamir Ali, Brenna Carey, Bruce Trapnell
PA3026	**Efficacy of inhaled molgramostim according to severity of autoimmune pulmonary alveolar proteinosis (aPAP)** Cormac McCarthy (Dublin 4, Ireland), Francesco Bonella, Yoshikazu Inoue, Bruce Trapnell, Brian Robinson, Rosanna Fleming, Yasmine Wasfi, Raymond Pratt
PA3027	**Relationship between pulmonary gas transfer, respiratory health-related quality of life (HRQoL), exercise capacity, and surfactant burden in autoimmune pulmonary alveolar proteinosis (aPAP)** Francesco Bonella (Essen, Germany), Cormac Mccarthy, Yoshikazu Inoue, Bruce Trapnell, Brian Robinson, Rosanna Fleming, Yasmine Wasfi, Raymond Pratt
PA3028	**Pulmonary Alveolar Proteinosis: a 3-country cohort study Greece, Türkiye, Cyprus** Effrosyni D. Manali (Athens, Greece), Spyros A Papiris, Efsun Gonca Uğur Chousein, Maria Kallieri, Nesrin Mogulkoc, Andriana I Papaioannou, Frangiskos Frangopoulos, Tonia Adamide, Lykourgos Kolilekas, Burak Gökçe, Nesrin Ocal, Despoina Papakosta, Berna Akıncı Özyürek, Vasilios Tzilas, Enver Yalnız, Georgia Kontonasiou, Ezgi Demirdöğen, Emmanouil Verykakis, Ahmet Ursavaş, Elvira-Markella Antonogiannaki, Pelin Pınar Deniz, Vasiliki Apollonatou, Ismail Hanta, Dimitrios Chatzis, Anastasia Levounets, Nicoletta Olympiou, Ilias Dimeas, Zoe Daniil, Nikolaos Roussakis, Andrea Schams, Delphine Monnier, Christina Rampiadou, Paschalis Steiropoulos, Katerina Markopoulou, Nikolaos Tzanakis, Konstantinos Gourgoulianis, Demosthenes Bouros, Brenna Carey, Bruce Trapnell, Matthias Griese, Erdoğan Çetinkaya

PA3029	**Clinical Outcomes and Quantitative Imaging Patterns of Fibrotic Pulmonary Alveolar Proteinosis: A Large-scale, Longitudinal Chinese Cohort** Junfeng Huang (guangzhou, Guangdong, China), Ailin Duan, Shuojia Xie, Qiqi Peng, Jinsheng Lin, Weizhan Luo, Xinyu Song, Yu Deng, Cormac Mccarthy, Shiyue Li
PA3030	**A case series of pulmonary alveolar proteinosis (PAP) and hypersensitivity pneumonitis (HP) overlap** Jessica Raja (London, United Kingdom), Sujal Desai, Rachel Blyth, Woon Sen Koh, Khine Yin Mon, Elisabetta Renzoni, Athol Wells, Vasileios Kouranos, Felix Chua, Philip Molyneaux, Richard Hewitt, Simon Bax, Peter George, Gisli Jenkins, Anand Devaraj, Andrew Nicholson, Maria Kokosi
PA3031	**Clinical Trial of Bone Marrow-Derived Mesenchymal Stem Cell Therapy for Autoimmune Pulmonary Alveolar Proteinosis** Xinyu Song (Guangzhou, China), Jing Jin, Weizhan Luo, Yiping Zhu, Shiyue Li
PA3032	**Clinical characteristics and survival in patients with pulmonary alveolar proteinosis (PAP) with and without pulmonary fibrosis.** Karol Bączek (Łódź, Poland), Eda Börner, Jose Guillermo Ortiz Sucre, Wojciech Jerzy Piotrowski, Urlich Costabel, Francesco Bonella
PA3033	**Interstitial lung involvement in Acid Sphingomyelinase deficit (ASMD): clinical case series.** Marta Garcia Moyano (Barakaldo, Spain), Leticia Ceberio Hualde, Gorka De Frutos, Ana Villar, Jordi Costa I Colomer, Raquel Pérez Rojo
PA3034	**Screening for acid sphingomyelinase deficiency in patients with an interstitial lung disease** Marie Vermant (Leuven, Belgium), Ilse Van Raemdonck, Nathalie Veyt, Marianne Carlon, Emanuela Elsa Cortesi, Nico De Crem, Marieke De Rooy, Tine Follet, Stefan Gogaert, Bart Vanaudenaerde, David Cassiman, Laurens J De Sadeleer, Wim A Wuyts
PA3035	**Pulmonary alveolar microlithiasis with a novel genetic variant: a case report** Anna Lindahl (Helsinki, Finland), Leonardo Gori, Valentina Musto, Greta Insalata, Arianna Belli, Amedeo Vannacci, Edoardo Cavigli, Diletta Cozzi, Chiara Moroni, Alessandra Bindi, Alessandra Sorano, Federico Lavorini, Giulia Gori, Samuela Landini, Elia Dirupo, Rosangela Artuso, Sara Tomassetti, Elisabetta Rosi
PA3036	**Idiopathic pulmonary hemosiderosis: a case series highlighting diagnostic and therapeutic challenges** Maria Clara Maricoto Monteiro (Viseu, Portugal), Mariana Dias Costa, Ariana Gonçalves Marques, Miguel Félix, Teresa Reis Silva, Raquel Penteado, Pedro Gonçalo Ferreira
PA3037	**Peri-cystic lesions in ANCA-associated fibrosing interstitial lung disease** Lucas Bayart (Abbeville, France), Matthieu Demeyere, Stéphane Dominique, Vincent Langlois, Antoine Cuvelier, Lidwine Stervinou-Wemau, Cécile Chenivesse, Vincent Jounieaux, Claire Andrejak, Olivier Leleu, Pierre-Alexandre Hauss, Mathieu Salaün
PA3038	**Monitoring of Systemic Autoimmune Rheumatic Disease Interstitial Lung Disease (SARD-ILD) with Remote Spirometry** Ahmed Fahim (Wolverhampton (West Midlands), United Kingdom), Aqusa Zahid, Rebecca Burton, Eamonn Costello, Eimear Kelly
PA3039	**Pulmonary involvement in patients with primary antibody deficiency – the results from a multicentric cross-sectional study** Tomas Milota (Prague, Czech Republic)
PA3040	**Late Breaking Abstract - DGUOK dysfunction as a monogenetic cause of pleuroparenchymal fibroelastosis with onset in childhood.** Nicolaus Schwerk (Hannover, Germany), Pia Maier, Catalina Vasilescu, Katrin Peters, Dirk Schramm, Matthias Griese, Britta Skawran, Bernd Auber, Nataliya Didonato, Jonas Schupp, Martin Schulze, Holger Prokisch, Sandra v. Hardenberg
PA3041	**Late Breaking Abstract - Determinants of Non-Persistence to Antifibrotic Therapy in Real-World Clinical Practice in the French population** Vincent Cottin (Lyon, France), Marie Najean, Elise Arnee, Clementine Dillard, Xavier Ansolabehere, Julien Chollet, Sylvie Leroy, Stephane Journeau
PA3042	**Late Breaking Abstract - Radiological Progression of Interstitial Lung Abnormalities** Min Zhu (Chengdu (Sichuan), China), Linrui Xu, Yuchen Zhang, Huajing Wan, Fengming Luo
PA3043	**Late Breaking Abstract - Synthetic Arm Generation Utilizing Real-World Patient Data Demonstrates Treatment Effect in the Phase 2a AIR trial of Buloxibutid in IPF** Muhunthan Thillai (Cambridge (Cambridgeshire), United Kingdom), Kiril Kirov, Toby Maher, Bernt Van Den Blink, Bertil Lindmark, Simon Walsh

PS-38 Session 247 08:00 - 09:30

Poster session: Pulmonary hypertension associated with chronic lung disease, mainly COPD and pulmonary hypertension associated with high altitude

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care | Epidemiology | Physiology | Imaging | Public health

Chairs : Silvia Ulrich (Zurich, Switzerland)

PA3044	**Clinical significance of bendopnea in patients with COPD and its role in screening for pulmonary hypertension associated with COPD** Toshitaka Shomura (Matsumoto City, Japan), Yosuke Wada, Yusuke Suzuki, Norihiko Goto, Kei Sonehara, Yoshiaki Kitaguchi, Atsuto Ushiki, Masanori Yasuo, Masayuki Hanaoka
PA3045	**Pulmonary hypertension in chronic obstructive pulmonary disease exacerbations.** Elena Calancea (Chisinau, Codru, Republic of Moldova), Sergiu Matcovschi, Nicolae Bodrug, Ion Sirbu, Valentin Calancea
PA3046	**Male sex is associated with severe pulmonary hypertension and increased mortality risk in COPD patients with elevated mean pulmonary arterial pressure** Klemens Orasche (Graz, Austria), Teresa John, Philipp Douschan, Vasile Foris, Bradley A Maron, Nikolaus Kneidinger, Gabor Kovacs, Katarina Zeder
PA3047	**Association of Clinical and Radiological Parameters of Pulmonary Hypertension and Severity of Chronic Obstructive Pulmonary Disease : A Cross-sectional Analytical Study** Antonious Selvam (Puducherry, India), Sibi Sam, Arun Prasath
PA3048	**Pulmonary pressure increase during Acute Exacerbation in Chronic Obstructive Pulmonary Disease and clinical outcome** Pradeesh Sivapalan (Gentofte, Denmark), Ema Rastoder, Caroline Hedsund, Peter Kamstrup, Tor Biering-Sørensen, Maria Dons, Trine Charlotte Bistrup Petersen, Filip Soeskov Davidovski, Kristoffer Grundtvig Skaarup, Morten Sengeløv, Emil Durukan, Ditte Vesterlev, Helena Zander Wodschow, Lars Pedersen, Josefin Eklöf, Mia Moberg, Julie Janner, Louise Lindhardt Toennesen, Hashmat S. Z. Bahrami, Ulrik Dixen, Jens Dahlgaard Hove, Magnus Thorsten Jensen, Daniel Alexander Ackermann, Alexander Jordan, Valdemar Rømer, Søren Sperling, Elisabeth Bendstrup, Casper Falster, Christian B. Laursen, Jørn Carlsen, Jens-Ulrik Stæhr Jensen
PA3049	**Elevated pulmonary vascular resistance is associated with acute exacerbation readmission in patients with chronic obstructive pulmonary disease-related pulmonary hypertension** Yingjie Chen (Wuhan, China), Fajiu Li, Chenghong Li
PA3050	**Pulmonary hypertension associated with chronic respiratory disease: the experience of a referral center.** Bianca Baino (Naples, Italy), Antonio Orlando, Silvia Caiazza, Marialuisa Bocchino, Michele D'Alto
PA3051	**Natural history and determinants of outcome in a large national cohort of infants with bronchopulmonary dysplasia related pulmonary hypertension (BPD-PH)** Caterina Lerose (London, United Kingdom), Sadia Quyam, Shahin Moledina
PA3052	**Predictors of outcome in pulmonary hypertension in association with lung disease** Ellis Cerrone (Sheffield, United Kingdom), Zeming Goh, Felicity Hitchcock, Anusha Gajanan, Mahindhan Senkathir, Samer Alabed, Krit Dwivedi, Robin Condliffe, Abdul Hameed, Athanasios Charalampopoulos, Judith Hurdman, Charlie Elliot, Alex Rothman, Roger Thompson, David Kiely
PA3053	**Effect of short-term supplemental oxygen therapy on six-minute walk distance in highlanders at risk for high altitude pulmonary hypertension: a randomized, crossover trial** Dinah Hertig (Zurich, Switzerland), Michael Furian, Julian Müller, Laura Mayer, Anna Titz, Mona Lichtblau, Alina Häfliger, Lena Reimann, Alessandro Vella, Maamed Mademilov, Adilet Omuralieva, Kay Von Grünigen, Simon Rafael Schneider, Talant Sooronbaev, Silvia Ulrich
PA3054	**Changes in cardiac repolarisation by ECG in lowlander with pulmonary vascular disease during a day-trip to 2500m (Mount Säntis) - RCT** Simon Raphael Schneider (Zürich, Switzerland), Gian-Fadri Jäger, Mona Lichtblau, Laura Mayer, Esther Irene Schwarz, Michael Furian, Julian Müller, Konrad E Bloch, Silvia Ulrich
PA3055	**Characteristics and outcomes of patients with coexisting bronchiectasis and pulmonary hypertension** Erdoğan Çetinkaya (Istanbul, Turkey), Zeynep Guney, Elif Tanriverdi, Binnaz Zeynep Yildirim, Ahmet Oz
PA3056	**Unraveling Four Paradoxes in Patients with Pulmonary Hypertension Living in the Andean Region: The Hidden Links between Altitude, Symptom Duration, Symptomatic Phenotype, and Hemodynamic Profile.** Mauricio Orozco-Levi (Floridablanca, Colombia), Rafael Conde, Alejandro Londoño, Ricardo Gómez Palau, Lucila Flórez, Julian Cortés Colorado, Juliana De Luque, Angie Pabón-Quezada, Alba Ramírez-Sarmiento

PA3057 **Acute and one-week effects of descent from 3250m to 760m on pulmonary hemodynamics and exercise capacity in Kyrgyz highlanders at risk for pulmonary hypertension**
Alessandro Vella (Zürich, Switzerland), Julian Müller, Adilet Omuralieva, Simon Schneider, Anna Titz, Laura Mayer, Mona Lichtblau, Michael Furian, Talant Sooronbaev, Sivlia Ulrich

PA3058 **Acute effects of sildenafil on exercise hemodynamics whilst breathing normobaric hypoxia in patients with pulmonary vascular disease: The HEXA-RCT**
Simon Raphael Schneider (Zürich, Switzerland), Mona Lichtblau, Julian Müller, Meret Bauer, Laura Mayer, Esther Irene Schwarz, Michael Furian, Stephanie Saxer, Silvia Ulrich

PA3059 **Nomograms to predict severe PH and survival in COPD patients using noninvasive parameters**
Jian Guo (Shanghai, China), Xingxing Sun, Tianran Zhou

PA3060 **Does the inhaled nitric oxide pulmonary vasodilation test predict the therapeutic response in pulmonary hypertension associated with chronic respiratory diseases?**
Carlos Ojeda Suárez (Las Palmas de Gran Canaria, Spain), Marta Évora García, Fernando León Marrero, Ibrahim Véliz Flores, Desireé Alemán Segura, Amando Márquez Sixto, Gregorio Pérez Peñate

PA3061 **Effect of high-dose supplemental oxygen therapy on pulmonary hemodynamics at 3250m in highlanders at risk for pulmonary hypertension**
Alessandro Vella (Zürich, Switzerland), Julian Müller, Adilet Omuralieva, Anna Titz, Laura Mayer, Mona Lichtblau, Michael Furian, Talant Sooronbaev, Silvia Ulrich

PA3062 **The effect of high-flow nasal cannula on exercise capacity and dyspnea in patients with pulmonary hypertension associate with lung disease**
Osamu Nishiyama (Osaka, Japan), Kazuya Yoshikawa, Ryo Yamazaki, Akiko Sano, Masashi Shiraishi, Yuki Mizusawa, Yuji Higashimoto, Hisako Matsumoto

PA3063 **AI quantified CT percentage of fibrosis predicts survival in PH-COPD**
Krit Dwivedi (Sheffield, United Kingdom), Michael Sharkey, Ahmed Maiter, Samer Alabed, Smitha Rajaram, Catherine Hill, Mahan Salehi, Charlie Elliot, Abdul Hameed, Athanasios Charalampopoulos, Roger Thompson, Alex Rothman, Robin Condliffe, Andy Swift, David Kiely

PS-39 Session 248 08:00 - 09:30

Poster session: Endobronchial ultrasound: mediastinal lymph nodes and tumours

Disease(s) : Thoracic oncology | Pulmonary vascular diseases | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Imaging | Surgery | Epidemiology

Chairs : Katerina Bakiri (Athens, Greece)

PA3064 **The impact of TNM 9th edition in EBUS TBNA staging of non-small cell lung cancer (NSCLC): a single centre retrospective study.**
Irene Pomero (Torino, Italy), Letizia Valsecchi, Luca Riberi, Aleksandar Veljkovic, Massimo Comune

PA3065 **Differences between TNM 8th and TNM 9th staging in predicting mortality in newly diagnosed lung cancer patients staging by EBUS**
Ezgi Demirdogen (Bursa, Turkey), Orkun Eray Terzi, Özge Aydın Güçlü, Ahmet Ursavaş, Mehmet Karadağ

PA3066 **New approaches in Endobronchial ultrasound transbronchial needle agobiopsy (EBUS-TBNA): comparison between elastography and contrast enhanced ultrasound in EBUS (CE-EBUS)**
Matteo Maria Artiano (Rome, Italy), Olimpia Calò, Krisstopher Richard Flores, Ilaria Cuccaro, Rossana Vigliarolo, Angela Maria Pia Succu, Giuseppina Gioffrè, Maria Cristina Zappa, Leo Guidobaldi, Federica Olmati, Paolo Palange

PA3067 **Contrast Enhanced Endobronchial Ultrasound (CE-EBUS): A potential new aid in endoscopic ultrasound diagnosis**
Olimpia Calò (Roma, Italy), Matteo Artiano, Krisstopher Richard Flores, Federica Olmati, Ilaria Cuccaro, Giuseppina Gioffrè, Rossana Vigliarolo, Angela Succu, Leo Guidobaldi, Antonella Rossi, Paolo Palange, Maria Cristina Zappa

PA3068 **RESULTS OF EBUS-TBNA IN THE DIAGNOSIS OF BRONCHOGENIC CANCER AND REASONS FOR REPEATING THE PROCEDURE IN OUR UNIT.**
Cesar Alejandro Araque Molina (Madrid, Spain), Jorge Rabago Castro, David Martos Ruiz, Inmaculada Castillo Gil, María Belén López-Muñiz Ballesteros, María Beatriz Arias Arcos,, Julio Hernández Vázquez, África Alcorta Mesas, Carmen Matesanz Ruiz, Carmen, Mariara Calderón Alcalá, María Isabel Andrade Vela, Luis Arvelo Castro, Elena Rodríguez Jimeno, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiad Mouhtar El Halabi, Irene Milagros Domínguez Zabaleta, María Jesús Buendía García, Silvia Martín Bote, Ismael Ali García

PA3069 **Associated factors with non-diagnostic histopathological examination in samples obtained by the endobronchial ultrasound-transbronchial needle aspiration: A retrospective cohort study**
Ümran Özden Sertçelik (Ankara, Turkey), Ebru Sengul Seref Parlak, Habibe Hezer, Eren Goktug Ceylan, Ahmet Sertcelik, Ayşegul Karalezli

PA3070	**Diagnostic Value of PET/CT and Computed Tomography in Cases Breast Cancer with Mediastinal Lymph Nodes Diagnosed with Endobronchial Ultrasonography** Kemal Can Tertemiz (Izmir, Turkey), Gözde Şimşek, Hüseyin Salih Semiz, Çisem Kalyoncu Sarıoğlu, Özge Yetkinoğlu, Nurcan Güler, Duygu Gürel, Erkan Derebek, Naciye Sinem Gezer
PA3071	**Predictive value of Hounsfield Unit, SUVmax and LAP Size in Differentiating for Outcomes in EBUS Patients** Caner Çınar (istanbul, Turkey), Zeynep Mercancı, Şehnaz Olgun Yıldızeli, Derya Kocakaya
PA3072	**The EBUS Edge : Transforming Diagnostic Accuracy in mediastinal and hilar lymphadenopathy in patients with Extrathoracic Cancer: The Indian experience.** Aayushi Gupta (Mumbai, India), Anshu Punjabi, Pavankumar Biraris, Maheema Bhaskar, Y C Kriti, Anish Lodha, Karmay Shah, V Karthik, Virendra Tiwari, Devayani Niyogi, Sabita Jiwnani, Kunal Gala, Amit Janu, Nitin Shetty, Swapnil Parab, Madhavi Shetmahajan, Priya Ranganathan, Gaurav Salunke, Rajiv Kaushal, Suyesh Kulkarni, Sandeep Tandon, C S Pramesh
PA3073	**Inflammatory Reaction post EBUS-TBNA and the role of IL-6** Fotios Sampsonas (Patra, Greece), George Tsirikos, Aris Anagnostopoulos, Evaggelia Koukaki, Panagiota Tsiri, Matthaios Katsaras, Ourania Papaioannou, Dimitris Komninos, Dionisios Papalexatos, Vasileios Karamouzos, Ilektra Koulousousa, Vassilina Sotiropoulou, Foteinos Dimitrakopoulos, Anastasia Kottorou, Grigorios Stratakos, Argyrios Tzouvelekis
PA3074	**Unmasking The Masquerader: Endobronchial Ultrasound Features In Distinguishing Malignant And Benign Lymphnodes In A Tuberculous Endemic Country.** Aayushi Gupta (Mumbai, India), Anshu Punjabi, Maheema Bhaskar, Pavankumar Biraris, Y C Kriti, Anish Lodha, Karmay Shah, V Karthik, Virendra Tiwari, Devayani Niyogi, Sabita Jiwnani, Kunal Gala, Amit Janu, Nitin Shetty, Swapnil Parab, Madhavi Shetmahajan, Priya Ranganathan, Rajiv Kaushal, Gaurav Salunke, Suyash Kulkarni, Sandeep Tandon, C S Pramesh
PA3075	**Comparison of diagnostic yield at EBUS with and without ROSE.** Chi Han Leong (London, United Kingdom), Helen Meredith
PA3076	**Endoscopic ultrasound with bronchoscope-guided fine-needle-aspiration (EUS-B-FNA) for necrotic mediastinal lymphadenopathy in unresectable lung cancer: safety and diagnostic yield** Teresa Calari (Bologna, Italy), Filippo Natali, Martina Ferioli, Marco Ferrari, Thomas Galasso, Gian Piero Bandelli, Tommaso Abbate, Piero Candoli
PA3077	**Diagnostic value of repeat endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA)** Emad Abugassa (Stafford, United Kingdom), Viktoria Oakden, Mohammed Hussain, Muhammad Badar Ganaie
PA3078	**ROLE OF EBUS-TBNA IN RADIOLOGICALLY NON-PATHOLOGIC MEDIASTINAL LYMPH NODES IN PATIENTS WITH A HIGHLY SUSPICIOUS LUNG DISEASE** Dejan Radovanovic (Milano (MI), Italy), Sarah O' Donnell, Marina Saad, Fiammetta Danzo, Juan Camilo Signorello, Peter Dilov, Lisa Milani, Luca Carsana, Pierachille Santus
PA3079	**Ultrasound-Guided Biopsy with Modified Menghini Needle: A Safe, low-cost and High-Efficacy Technique for Pulmonologists** Maria Angela Vittoria Anna Chiara Licata (Rome, Italy), Alessia Mari, Sandro Cinotti, Marco Di Perna, Luigia Dari Salisburgo, Roberta Di Crecchio, Stefano Feliciangeli, Gian Luca Primomo
PA3080	**Transvenous Mediastinal Biopsy (TVMB) for Mediastinal Masses with Superior Vena Cava Syndrome: A Case Series with Systematic Review** Jiang Faming (chengdu, China), Wang Ye
PA3081	**Late Breaking Abstract - Feasibility and Safety of Robotic Navigation-Guided Cryoablation for Peripheral Pulmonary Nodules in Malignant Disease** Niral Patel (La Jolla, United States), Liqin Xu, Keriann Van Nostrand, Jorge Munoz Pineda, Bryce Duchman, Russell Miller, George Cheng
PA3082	**Late Breaking Abstract - Shape-sensing robotic-assisted bronchoscopy combined with mobile CBCT-guided cryobiopsy for the diagnosis of ground glass opacity-predominant pulmonary lesions** Chunxi Zhang (Shanghai, China), Fangfang Xie, Houteng Xi, Shuaiyang Liu, Du Xu, Jiayuan Sun
PA3083	**Late Breaking Abstract - Transbronchial microwave ablation in peripheral lung parenchyma with the guidance of robotic-assisted bronchoscopy** Rui Yang (Shang Hai, China), Fangfang Xie, Houteng Xi, Shuaiyang Liu, Jiayuan Sun

PS-4 Session 249 08:00 - 09:30

Poster session: Sports respiratory medicine: ready for prime time

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Physiology | Pulmonary function testing | Imaging | Epidemiology | Endoscopy and interventional pulmonology | General respiratory patient care | Pulmonary rehabilitation

Chairs : James H. Hull (London, United Kingdom), Hege Clemm (Paradis, Norway)

PA3084	**Impact of Inhalation Allergies on Bronchial Provocation Test Outcomes in Athletes with Exercise-Induced Respiratory Symptoms** Julie Stang (Oslo, Norway), Martin Bellander, Bjørn Nordlund, Tonje Reier-Nilsen
PA3085	**The burden of cough in elite cross-country skiers** Rikhard Mäki-Heikkilä (Jyväskylä, Finland), Maarit Valtonen, Heikki Koskela, Jussi Karjalainen, Lauri Lehtimäki, James Hull
PA3086	**Omega-3 polyunsaturated fatty acids for the management of exercise-induced bronchoconstriction: insights from a meta-analysis** Oliver Price (Leeds, United Kingdom), Christopher Thompson, Joe Sails, Rebecca Birch, Julie Stang, John Brannan, James Hull
PA3087	**Changes in prevalence of asthma and respiratory symptoms among Norwegian adolescent handball players over two years** Cecilie Margrethe Nagy (Oslo, Norway), Monica Holmsve, Trine Stensrud
PA3088	**Day–night differences in breathing variability: new perspectives with wearables** Alessandra Angelucci (Milano, Italy), Andrea Aliverti
PA3089	**Why do Norseman Triathletes develop Exercise-Induced Bronchoconstriction (EIB) after the race?** Trine Stensrud (Oslo, Norway), Monica Holmsve, Cecilie Margrethe Nagy, Julie Stang
PA3090	**Dysfunctional breathing and performance in long-distance runners: a cross-sectional study** João V. Hermógenes de Souza (São Paulo, Brazil), Helena S. Batko, Guilherme B. Rodrigues, Fabiano F. De Lima, Juliana M. B. Dos Santos, Celso R. F. Carvalho
PA3091	**Exercise ventilatory efficiency in elite athletes assessed for the paris 2024 olympic games: the effect of sex and sport categories** Matteo Morviducci (Roma, Italy), Ilaria Menichini, J Alberto Neder, Maria Rosaria Squeo, Paolo Palange
PA3092	**A case of breathing pattern disorder masking exercise-induced laryngeal obstruction** Danielle Stone (Pymble, Australia), David Chapman, Louise Hansell, Claire Doughty, Meredith King, Fei Ni Hau, Ryan Wallis, Greg King
PA3093	**Treating refractory EILO: guidance for respirologists when respiratory retraining is not enough** Emily Nauman (Westminster, United States), Tod Olin
PA3094	**Effects of Expiratory Muscle Strength Training on Diaphragm Functions in Adolescent Players:pilot study** Zeliha Celik (Ankara, Turkey), Nevin A. Güzel, Halit Nahit Şendur, Müşerrefe Nur Keleş, Nihan Kafa, Nurdan Kokturk
PA3095	**A randomized controlled trial (RCT), adding inspiratory mucle training (IMT) to standard treatment for exercise-induced laryngeal obstruction (EILO).** Petrine Veierod Solli (Bergen, Norway), Praveen Muralitharan, Haakon Kvidaland, Sivert Veseth, Petter Carlsen, Astrid Sandnes, Merete Salveson Engeset, Maria Vollsæter, Thomas Halvorsen, Ola Drange Røksund, Hege Clemm
PA3096	**Impact of continuous bronchoscopy during exercise on cardiopulmonary and ventilatory parameters** Zander J Williams (London, United Kingdom), Christopher M Orton, Justin L Garner, Ley T Chan, Anand Tana, Pallav L Shah, Michael I Polkey, Thomas Semple, James H Hull
PA3097	**Is there any relationship between exercise-induced laryngeal obstruction (EILO) and bronchial hyperresponsiveness (BHR) in Norwegian olympic athletes?** Monica Holmsve (Oslo, Norway), Julie Stang, Sanne Nordøy, Hege Clemm, Thomas Halvorsen, Trine Stensrud
PA3098	**Effect of posture on diaphragm thickness and excursion in healthy controls compared to adults with exercise-induced laryngeal obstruction** Louise Hansell (Sydney, Australia), Maree Milross, David Chapman, Mia Axe, Bosco Leung, Nidhi Nair, Danielle Stone
PA3099	**Inspiratory muscle training in conjunction with creatine monohydrate supplementation enhances inspiratory muscle strength in healthy humans** Oliver Price (Leeds, United Kingdom), James Brown, Emily Storey, Louise Turner, Graham Sharpe, Michael Johnson, T. Scott Bowen
PA3100	**Behavioral predictors of exercise-induced laryngeal obstruction symptom severity** Anna Dammann (Denver, United States), Tod Olin

PA3101 **Beyond lung function: The impact of nicotine dependence on physical performance in smokers**
Nour Elhouda Ben Mrad (Ariana, Tunisia), Khouloud Kchaou, Nadia Ben Lazreg, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine

PA3102 **The resting spirometries of world-level cross-country skiers**
Rikhard Mäki-Heikkilä (Jyväskylä, Finland), Dan Helenius, Jussi Mikkola, Maarit Valtonen

PA3103 **Improvement of exercise performance at high altitude using novel device**
Shanfeng Liang (Guangzhou, China), Luguang Wu, Lishuang Wang, Xiuxuan Xiang, Baiting He, Lu Wang, Andrew Wellman, Joerg Steier, Danny J. Eckert, Peter Catcheside, Michael I Polkey, Yuanming Luo

PS-40 Session 250 08:00 - 09:30

Poster session: Education, paediatric bronchoscopy and orphan interventional pulmonology topics

Disease(s) : Thoracic oncology | Interstitial lung diseases | Respiratory critical care | Pulmonary vascular diseases | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Surgery | Epidemiology | General respiratory patient care | Imaging | Palliative care | Respiratory intensive care | Cell and molecular biology

Chairs : António Alexandre Pinto Bugalho De Almeida (Lisboa, Portugal), Efsun Gonca Uğur Chousein (Istanbul, Turkey)

PA3104 **A decade of structured education in endobronchial ultrasound: impact and outcomes**
Jouke T. Annema (Amsterdam, Netherlands), Amy Farr, Konstantina Kontogianni, Felix Herth, Anne Orholm Nielsen, Gregoris Stratakos, Peter Bonta, Laurence M.M.J. Crombag, Diana Orejuela, Anna Mitrovic, Lars Konge

PA3105 **Impact of an advanced training program on competency development in interventional pulmonology**
Francesca Accordino (Florence, Italy), Federico Lavorini, Lorenzo Corbetta

PA3106 **Implementation of hands-on bronchoscopy workshops in Ghana improves confidence in flexible bronchoscopy and may support the development of bronchoscopic services in West Africa**
Daniela Gompelmann (Vienna, Austria), Christina Bal, Georg Murauer, Christian Stanislaw, Sandra Kwarteng Owusu

PA3107 **Female trainees in bronchoscopy: yet another glass ceiling?**
Chung-Mei Maggie Cheung (London, United Kingdom), Maryam Omar, Revati Naran, Alveena D'Souza, Louise Warren, Ayantika Dhara, Hannah Jarvis

PA3108 **Current practices and variations in pediatric flexible bronchoscopy: First national survey of pediatric pulmonologists in Türkiye**
ECE OCAK (IZMIR, Turkey), Erdem Başaran, Erkan Çakır, Nazan Çobanoğlu, Pınar Ergenekon, Sanem Eryılmaz Polat, Saniye Girit, Gökçen Kartal Öztürk, Ayze Ayzıt Kılınç, Mehmet Köse, Füsun Ünal, Ali Özdemir, Beste Ozsezen, Sevgi Pekcan, Velat Şen, Tuğba Şişmanlar Eyüboğlu, Zeynep Seda Uyan, Ebru Yalçın, Hasan Yüksel, Figen Gülen

PA3109 **Clinical Outcomes and Influencing Factors of Embolization in Hemoptysis Management**
Fatma Arslan (Ankara, Turkey), Emre Can Celebioglu, Irem Aras, Deniz Dogan Mulazimoglu, Mirac Oz, Aslıhan Gurun Kaya, Serhat Erol, Akın Kaya

PA3110 **Efficacy of Prophylactic Tranexamic Acid Instillation in Reducing Bleeding Complications During Transbronchial Lung Biopsy: A Randomized, Double-blind, Placebo-Controlled Trial**
Suphanan Autto (Nakhon Ratchasima, Thailand), Tanakorn Anantasetagoon, Tirachat Sewatanon

PA3111 **Tranexamic acid nebulizations in the management of low to moderate hemoptysis - A study of current practices**
Virgile Caban (Marseille, France), Julie Tronchetti, Jean-Baptiste Lovato, Hervé Dutau, Philippe Astoul

PA3112 **Nebulized lidocaine and ketamine vs. lidocaine before fiberoptic bronchoscopy**
Hanaa Shafiek (Alexandria, Egypt), Mirette Elias, Hatem Essam, Hossam Sorour, Ahme Youssef

PA3113 **Bronchoalveolar Lavage in Immunocompetent Patients with Pneumonia: A Retrospective Cohort Study Shows No Mortality Benefit**
Alon Pomerantz (Ramat Gan, Israel), Adar Yaacov, Adam Goldman, Ofir Deri, Asaf Zlotnic, Eden Lahav, Paz Israel Sailes, Ella Huszti, Liran Levy

PA3114 **Pulmonary infections in immunocompromised patients with hematological diseases**
Figen Mustafa (Varna, Bulgaria), Pavel Yordanov, Vania Kostadinova, Darina Miteva, Valentina Dimitrova, Diana Petkova

PA3115 **Microwave Ablation Versus Lobectomy for Ground-Glass Opacity Nodules in the Hilar Region: A Multicenter Prospective Real-World Study on Efficacy and Safety**
Wangrui Liu (Shanghai, China), Jiachang Chi

PA3116 **GENERATION OF PATIENT-DERIVED LUNG CANCER ORGANOIDS FROM CYTOLOGICAL SAMPLES OBTAINED BY ENDOBRONCHIAL ULTRASOUND-GUIDED TRANSBRONCHIAL NEEDLE ASPIRATION (EBUS-TBNA)**
Juan Pablo Orozco Zapata (L'Hospitalet De Llobregat, Spain), Carlos Daniel Rodriguez Padilla, Manuela Herrera Tamayo, Melissa Acosta-Plasencia, Ainhoa Fontana, Trinidad Israel, Yangyi He, Tania Díaz Sanchez, Risha Na, Antonio Altuna-Co, Harold Alberto Garcia Muñoz, Daniel Martinez Hernandez, Laura Mezquita, Noemí Reguart Aransay, Carmen Lucena Pozo, Carles Agustí García-Navarro, Ramón Marrades Sicart, Alfons Navarro Pons

PA3117 **Endoscopic sampling of airway and lymphatic tissue for evaluation of immunity response after influenza vaccination – a protocol from the VAXXAIR project**
Zaigham Saghir (Copenhagen, Denmark), Matiullah Naqibullah, Pradeesh Sivapalan, Josefin Eklöf, Hanne Vibeke Marquart, Signe Modvig, Hans Jakob Hartling, Renan Mauch, Erik Sørensen, Mette Kongstad, Sisse Rye Ostrowski, Henrik Kløverpris, Joshua Daniel Rosenheim, Chris Chiu, Onn Mi Kon, Ryan Thwaites, Zitta Barrella Harboe, Lars Rønn Olsen, Ramona Trebbien, Dorthe Sandbæk Høgsberg, Viktoria Rose Li, Ida Elisabeth Krohn, Anna Kubel Vognsen, Julie Majormoen Davidsen, Jens-Ulrik Stæhr Jensen

PA3118 **Interventional pulmonology in lymphoma's diagnosis**
Maria Clara Ribeiro (Rio de Janeiro, Brazil), Bianca Peixoto, Marcos Bethlem, Amir Szklo, João Pedro Steinhauser

PA3119 **Anthracosis and anthracofibrosis in an Australian population**
Wai Yiu (Melbourne, Australia), Paul King, Martin Macdonald

PA3120 **Role of bronchoscopy in detecting tracheobronchial involvement in esophageal carcinoma.**
Vijay Noel Nongpiur (Shillong (Meghalaya), India), Vikas Jagtap, Kyrshanlang Lynrah, Caleb Harris, Evarisalin Marbaniang

PA3121 **Safety of bronchoscopy in patients with ENT cancers**
Yasmin Merza (Wien, Austria), Anastasia Papaporfyriou, Christina Bal, Markus Brunner, Doris-Maria Denk-Linnert, Edda Tschernko, Marco Idzko, Daniela Gompelmann

PA3122 **Total number of biopsies needed during bronchoscopy for diagnosing pulmonary lesions**
Kathrine Holgersen (Odense, Denmark), Nicoline Mathiessen Andersen, Christian Borbjerg Laursen, Tina Marie Green, Lars Svend Börnsen, Elzbieta Magdalena Grabczak, Amanda Dandanell Juul

PA3123 **Pulmonary Rapid Intraoperative Diagnostic Evaluation (PRIDE): A Comparative Study of Imprint Cytology and Frozen Section in Interventional Pulmonology**
Shyam Krishnan (Kolkata (West Bengal), India), Diptendu Dey, Nirmallya Banerjee, Beauty Biswas, Raja Dhar

PS-5 Session 251 08:00 - 09:30

Poster session: Weaning extubation

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care General respiratory patient care Pulmonary rehabilitation Imaging Epidemiology

Chairs : Neeraj Shah (London, United Kingdom), Chair to be confirmed

PA3124 **Extubation readiness score (ERS); for safer extubation __PRESENT__PRESENT**
Abdulaziz Alyami (Dammam, Saudi Arabia)

PA3125 **Timing of tracheostomy and its impact on nosocomial infections in critically ill patients**
Ayesha Siddiqa (Doha, Qatar), Syed Murtaza Hassan Kazmi, Fatima Rehman, Sundus Kashif, Sameer Rajpoot, Muhammad Asim

PA3126 **Impact of tracheostomy on intensive care unit and hospital length of stay.**
Hassan Alzaharni (Makkah, Saudi Arabia), Saeed Alghamdi, Ahmad Mohammad Alessa, Badr Awadh Allehyani, Doaa Kutbi, Abdulmajeed Alotaibi, Abdulrahman O Alhindi, Abdulaziz A Alzahrani, Dr. Mohammad Raed Kolko

PA3128 **Mortality analysis in a respiratory intermediate care unit. A one year retrospective Spanish cohort**
Juan Manuel Mejia Romero (Cordoba, Spain), Roberto Martín De León, Marta Domínguez Gómez, Maria Luisa González Vicente, Antonio Requejo Jiménez, Cristina Muñóz Corroto, Natalia Pascual Martínez

PA3129 **Impact of intraoperative phrenic nerve stimulation on postoperative pulmonary complications in neurosurgical patients: a prospective, randomized controlled pilot study**
Zhonghua Shi (Beijing, China), Dan Zhang, Caie Yang, Xiang Qi, Yang Liu, Meizhizi Zhang, Jingyi Li, Baoguo Wang, Yongxing Sun

PA3130 **Tracheostomy Tube Pressure Measurement as Predictor of Capping Test Success in Patients Undergoing Decannulation**
Matteo Vigna (Pavia (PV), Italy), Stefano Rigoldi, Serena Cirio, Piero Ceriana

PA3131	**Expiratory muscle stimulation does not increase intracranial pressure in mechanically ventilated neurosurgical patients at risk.** Nicolai Meise (Halle, Germany), Fridolin Streibert, Axel Großstück, Michael Lautenschläger, Johannes Wollmann, Felix Göhre, Hermann Wrigge
PA3132	**Predictors of extubation failure among patients with end-stage renal disease in the intensive care unit: A single specialty center retrospective study** Maria Regina Eden Atienza (Quezon City, Philippines), Joanne Kathleen Garcia
PA3133	**Dyspnea during tracheostomized weaning from Invasive Mechanical Ventilation** Thijs Janssen (ROTTERDAM, Netherlands), Henrik Endeman, Jan Elderman, Marco Goeijenbier, Hazra Moeniralam, Jacco Rozendaal, Arné Van Hees, Jessica Workum, Evelien Oostdijk, Danique Van Nieuwenhuizen, Susanne Stads, Sefanja Achterberg, Aart Osinski, Ashley De Bie Dekker, Ingeborg Herold, Leo Heunks, Evert-Jan Wils
PA3134	**Predictors of recovery in US patients hospitalized for viral lower respiratory tract disease: an analysis of linked electronic health records and claims data** Ekaterina Maslova (Reading, United Kingdom), Malin Fagerås, Sue Johnson, Gopal Dalal, Hashmath Ulla Syed, Srishti Mishra, Hayley D Germack, Andrew Lee, Sayan Chakraborty, Nadir Yehya, Joanne Mcpeake
PA3135	**PRiVENT Study: Baseline Data of Patients in a German Multicenter Study Aimed at Preventing Long-Term Invasive Mechanical Ventilation** Franziska Trudzinski (Heidelberg, Germany), Jana-Christina Dahlhoff,, Biljana Joves, Philipp Höger, Elena Biehler, Elena, Thomas Fleischhauer, Julia Michels-Zetsche, Michel Wensing, Axel Kempa, Claus Neurohr, Armin Schneider, Joachim Szecsenyi, Felix Herth, Benjamin Neetz
PA3136	**High-flow oxygen therapy improves quality of life in tracheotomized patients who weaned from mechanical ventilation: A controlled trial.** Ching-Hua Su (Taichung, Taiwan), Yi-Hao Peng
PA3137	**A temporal deep learning algorithm for prediction of extubation failures in critical care patients** Jiawei Shen (Beijing, China), Huiying Zhao, Shengye Lu, Buzhou Tang, Fengxue Zhu
PA3138	**The Fatigue Index Test for evaluating propensity to inspiratory muscle fatigue in the ICU** Magno F Formiga (Fortaleza, CE, Brazil), Roberta Catunda Costa, Carol Alonso Gonzalez, Thayanne Gomes Neves, Francisco Hamilton Andrade Leite Junior, Andressa Rodrigues De Souza, Artur Solon Lima, Lawrence P Cahalin
PA3139	**Effect of one-way speaking valve on ventilation physiology and weaning outcomes of tracheostomized patients with prolonged mechanical ventilation** Jih-Shuin Jerng (Taipei, Taiwan), Hui-Chuan Chen, Yu-Shan Li
PA3140	**Inspiratory Effort and Muscle Strength in IMV: Insights from Pmus and S-Index** Lilian E. B. Delazari (Indaiatuba, Brazil), Adria Cristina Dasilva, Melissa Sibinelli, Paulo Henrique Freitas De Oliveira, Ana Vitória Proni Oliveira, Luciana Castilho De Figueiredo, Lígia Dos Santos Rocetto Ratti
PA3141	**Post-traumatic stress disorder among family members of patients with prolonged mechanical ventilation** Wei-Chih Chen (Taipei, Taiwan), Chia-Fen Tsai, Kuang-Yao Yang
PA3142	**Delta-hemoglobin and delta-mixed venous oxygen saturation (SVO2) as predictors for mechanical ventilation weaning and extubation** Lea Dianne Ayuyao (Qc, Philippines), Luis Martin Habana, Emily Aventura
PA3143	**The pivotal role of microbiological colonization in weaning from mechanical ventilation, decannulation and rate of recovery in tracheostomized post-ICU survivors** Federico Pasqualotto (Padova, Italy), Ioannis Alexandros Charitos, Giorgio Castellana, Luciana Salerno, Simona Merla, Patrizia Guido, Maria Aliani, Mauro Carone

PS-6 Session 252 08:00 - 09:30

Poster session: Omics-driven insights into acute and chronic lung disease: from molecular signatures to therapeutic targets

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging

Chairs : Aurélien Justet (Caen, France), Olivier Burgy (Dijon, France)

PA3144	**Protein Expression-Based Models for Differentiating Idiopathic Pulmonary Fibrosis from Non-IPF Interstitial Lung Diseases** Pin-Kuei Fu (Taichung, Taiwan), Chen-Shiou Wu, Lan-Yan Yang

PA3145	**Unveiling Gene Signatures of UIP-like Progression from Airway-Centric Interstitial Fibrosis** Andrea Jazel Rodríguez Herrera (Ribeirão Preto, Brazil), Sabrina Setembre Batah, Maria Julia Faci Do Marco, Wagner Moneda Telini, Tales Rubens Nadai, Marcel Koenigkam Santos, Jose Antônio Baddini, Vera Luiza Capelozzi, Alexandre Todorovic Fabro
PA3146	**Using Spatial transcriptomics to profile selected candidate causal genes in lung epithelial regions of COPD and IPF patients** Holly Pedley (Nottingham, United Kingdom), Rohan Paranjpe, Alex Clay, Michael A Portelli, Samuel T Moss, Robert J Hall, Nick Shrine, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers
PA3147	**Spatially resolved expression profiling of lung function impairment candidate causal genes in the airway smooth muscle of COPD and IPF patients.** Rohan Paranjpe (Nottingham, United Kingdom), Robert J Hall, Michael A Portelli, Alex Clay, Nick Shrine, Samuel T Moss, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers
PA3148	**Spectral flow cytometry analysis revealed peripheral blood immune cell population changes in Idiopathic Pulmonary Fibrosis and Chronic Obstructive Pulmonary Disease** Elizabeth Guinto (Vancouver, Canada), Sameeksha Chopra, I-Chih Kuo, Samuel Shin, Julia Yang, Chung Cheung, Chris Ryerson, Janice Leung, Kelly Mcnagny, Don Sin
PA3149	**Transcriptomic determinants of response to biological therapy in severe asthma: a prospective study** Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain), Amanda Iglesias Coma, Laura Jiménez, Josep Muncunill, Aarne Fleischer, Maria Berman-Riu, Claudia Alejandra Almaraz López, Meritxell López, Ruth Engonga, Nuria Toledo, Mar Mosteiro, Inés Escribano
PA3150	**Transcriptomic bronchial biopsy profiles specific to asthma remission** Hui Wen (GRONINGEN, Netherlands), Orestes Carpaij, Tatiana Karp, Tessa E Gillett, Nazanin Zounemat-Kermani, Andy Lan, Katie L Raby, Alen Faiz, Victor Guryev, Kian Fan Chung, Pankaj Bhavsar, Ian M Adcock, Machteld N Hylkema, Martijn C Nawijn, Maarten Van Den Berge
PA3151	**The nasal airway transcriptome reflects lower airway asthma-associated gene expression profiles** Hui Wen (GRONINGEN, Netherlands), Tatiana Karp, Orestes Carpaij, Nazanin Zounemat-Kermani, Andy Lan, Katie L Raby, Alen Faiz, Victor Guryev, Kian Fan Chung, Pankaj Bhavsar, Ian M Adcock, Machteld N Hylkema, Martijn C Nawijn, Maarten Van Den Berge
PA3152	**The effect of mepolizumab on blood eosinophil subtype granule protein gene expression in severe eosinophilic asthma** Airidas Rimkunas (Kaunas, Lithuania), Andrius Januskevicius, Egle Vasyle, Jolita Palacionyte, Virginija Kalinauskaite-Zukauske, Inesa Jermalaviciene, Ryte Jurkute, Kestutis Malakauskas
PA3153	**Effects of benralizumab on serum biomarkers and biomarker response after shifting from mepolizumab to benralizumab in eosinophilic granulomatosis with polyangiitis (EGPA)** Daniel Muthas (Mölndal, Sweden), Eva Rodríguez-Suárez, Mathias Cardner, Michael E. Wechsler, Peter A. Merkel, Parameswaran Nair, David J. Jackson, David R. W. Jayne, Benjamin Terrier, Florence Roufosse, Ulrich Specks, Nancy Agmon-Levin, Lena Börjesson Sjö, Sofia Necander, Chris Chamberlain, Adam Platt, Christopher Mccrae
PA3154	**Whole blood transcriptomic profile effects of benralizumab or mepolizumab in eosinophilic granulomatosis with polyangiitis** Daniel Muthas (Mölndal, Sweden), Eva Rodríguez-Suárez, Zhi Liu, Mathias Cardner, Lisa Öberg, Michael E. Wechsler, Peter A. Merkel, Benjamin Terrier, David R. W. Jayne, Florence Roufosse, Nancy Agmon-Levin, Lena Börjesson Sjö, Sofia Necander, Maria Jison, Chris Chamberlain, Adam Platt, Christopher Mccrae
PA3155	**Label-free 3D imaging of asthmatic airway biopsies** Sylvia Spies (Amsterdam, Netherlands), Sofi Vassileva, Laure Nicolai, Mengyao Zhou, Teodora Radonic, Johannes M. A. Daniels, Jouke T. Annema, Peter I. Bonta, Marie Louise Groot
PA3156	**Spatially resolved expression profiling of lung function impairment candidate causal genes in the airway epithelium of COPD and IPF patients.** Rohan Paranjpe (Nottingham, United Kingdom), Robert J Hall, Michael A Portelli, Alex Clay, Nick Shrine, Samuel T Moss, Louise V Wain, Martin D Tobin, Ian P Hall, Ian Sayers
PA3158	**Gene expression analysis identifies potential therapeutic targets in idiopathic pulmonary fibrosis** Samin Abbasidezfouli (Vancouver, Canada), Chen Xi Yang, Kohei Ikezoe, Joel D. Cooper, James Cameron Hogg, Dragos Vasilescu, Gillian C. Goobie, Tillie-Louise Hackett
PA3159	**Associations between patient-reported outcome measures and omics data (PROMICs) in adults with asthma: results from the U-BIOPRED study** Guilherme Rodrigues (Aveiro, Portugal), Joana Antão, Nazanin Zounemat-Kermani, Paolo Montuschi, Qichen Deng, Alda Marques, Frits M. E. Franssen, Scott S. Wagers, Ian M. Adcock, Sven-Erik Dahlén, Martijn A. Spruit, On Behalf Of The U-Biopred Study Group

PA3160 **Reanalysis of WES data reveals new candidate genes for primary ciliary dyskinesia and beyond**
Tilbe Hakçıl Öz (Ankara, Turkey), Tuğba Şişmanlar Eyüboğlu, Ayse Tana Aslan, Nilgün Kula, Gülsüm Kayhan

PA3161 **In silico exploration of the long and circular non-coding RNA network associated with Idiopathic Pulmonary Fibrosis**
PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

PA3162 **Late Breaking Abstract - Restoration of CPEB4 improves mitochondrial health in AT2 cells during aging**
xinyi li (beijing, China), Xinmin Liu

PA3163 **Late Breaking Abstract - Plasma Metabolomic Signature Accurately Discriminates Frequent Exacerbators among COPD Patients**
César Jessé Enríquez Rodríguez (Barcelona, Spain), Carme Casadevall, Sergi Pascual-Guardia, Rosa Faner, José Luís López-Campos, Ady Castro-Acosta, Gregorio Peces-Barba, Luis Miguel Seijo, Eduard Monsó, Esther Barreiro, Borja García-Cosío, Diego Rodríguez-Chiaradia, Ori Shalev, Alvar Agustí, Joaquim Gea, - On Behalf Biomepoc Group

PS-7 Session 253 08:00 - 09:30

Poster session: Impact of environmental insults and inflammatory responses in COPD

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Physiology Cell and molecular biology Public health General respiratory patient care

Chairs : Robert E. Hynds (London, United Kingdom), Padmini Khedoe (Den Haag, Netherlands)

PA3164 **Damage-associated molecular patterns (DAMPs) released by macrophages exposed to cigarette smoke and lipopolysaccharide promote steroid-resistant inflammation**
Chiara Cipollina (Palermo (PA), Italy), Maria Rita Giuffrè, Chiara Finocchio, Salvatore Caruccio, Nicolina Sciaraffa, Claudia Coronnello, Marco Buscetta, Alice Conigliaro

PA3165 **The role of probiotics in modulating pulmonary epithelial inflammation**
Marta Pagnini (, Italy), Annalisa Visciglia, Giovanni Deusebio, Marco Pane, Alessandro Celi, Angela Amoruso, Tommaso Neri

PA3166 **Oestrogen and ER-β: implications for airway inflammation in COPD**
Christine Mwasuku (Benfleet, United Kingdom), Mona Bafadhel, Jonathan Baker

PA3167 **Association Between miR126 Targets And Hematocrit Levels in COPD**
Claudia Onofrei (Denver, United States), Ryen Ormesher, Yue Wang, Khushboo Goel, Katerina Kechris, Irina Petrache

PA3168 **Exploring the association between eosinophils and autoimmunity in COPD**
Alejandro Torvisco Tello (Barcelona, Spain), Sandra Casas, Àlvar Agustí, Judith Garcia-Aymerich, Rosa Faner

PA3169 **Could a diet rich in Oloreupein counteracts the negative action of cigarette smoke on oxidative stress and epigenetic modifications in the airways? An in vitro model.**
Mirella Profita (Palermo (PA), Italy), Angela Marina Montalbano, Caterina Di Sano, Giusy Daniela Albano, Rosalia Paola Gagliardo

PA3170 **Chlamydia pneumoniae modulates neutrophil inflammation via unconventional pathways**
Dóra Paróczai (Deszk, Hungary), Anett Magyari, Rozália Igyártó, Valéria Endrész, Katalin Burián

PA3171 **New insights into the neutrophilic phenotype from the NOVELTY study**
Rosa Faner (Barcelona, Spain), Adnan Azim, Neha Cheemalavagu, Arun Jayaraman, Zhi Liu, Greet De Baets, Adam Platt, Gary P Anderson, Rod Hughes, Hana Müllerová, Lisa Öberg, Helen K Reddel, Stephanie Christenson, Maarten Van Den Berge, - For The Novelty Scientific Community And The Novelty Scientific Investigators

PA3172 **Comparison Surface Proteins on Extracellular Vesicles from Healthy and COPD Cells**
Justine Devulder (London, United Kingdom), Efthymios Fousekis-Papakonstantinou, Mareike Lehmann, Louise Donnelly, Peter Barnes

PA3173 **Plasma proteomic profiles for eosinophilic inflammation in NOVELTY**
Maarten van den Berge (Groningen, Netherlands), Adnan Azim, Alberto Papi, Helen K Reddel, Neha Cheemalavagu, Arun Jayaraman, Zhi Liu, Greet De Baets, Daniel Muthas, Adam Platt, Gary Anderson, Rod Hughes, Hana Müllerová, Lisa Öberg, Stephanie Christenson, Rosa Faner, - For The Novelty Study Investigators

PA3174 **Transcriptome analysis reveals aberrant B-cell immune response promotes COPD progression**
yiling chen (Beijing, China), Chu Xu, Qian Zhang, Baicun Li, Ting Yang

PA3175 **PAD4 deficiency alleviates airway inflammation in a mouse model of COPD exacerbation**
Tao Wang (Chengdu (Sichuan), China), Mengxin Cheng, Yu Wu, Zijian Zeng, Yutian Zhang, Bi Ran, Jun Chen, Fuqiang Wen

PA3176 **Temperatures exacerbated adverse effects caused by diesel exhaust particle on type II alveolar epithelial cells differentiation**
SYUE-WEI PENG (Taipei City, Taiwan), Hsiao-Chi Chuang

PA3177 **PM2.5 exposure modulates inflammation and markers of barrier integrity in the lungs of rats: A comparative study of chronic and acute exposure**
Irma Mahmutovic Persson (Lund, Sweden), Fanny Bergman, Lena Ohlsson, Sangeetha Ramu, Mandy Menzel, Christina Isaxon, Lena Uller

PA3178 **Dietary fibre modulates Alveolar Macrophage and progenitor cells function through SCFA-mediated gene expression**
Aishat Azeez (Dublin, Ireland), Lian Dahlan, John Baugh

PA3179 **The water extract of "Jiao Mei Gu" alleviates acute lung injury by inducing macrophage anti-inflammatory polarization via IL-10-mediated fatty acid oxidation**
Jing Gao (Shanghai, China), Ximing Liao, Di Wu, Kun Wang, Qiang Li, Wei Gao

PA3180 **Apple Pulp Callus attenuates cigarette smoke-induced oxidative stress in airway epithelial cells**
Rosalia Gagliardo (Palermo (PA), Italy), Angela Marina Montalbano, Andrea Perri, Daniele Fraternale, Caterina Di Sano, Giorgio Brandi, Giusy Daniela Albano, Mirella Profita, Valentina Lazzara, Velia Malizia, Stefania La Grutta

PA3181 **Impact of Cigarette smoke on DNA Methylation and MUC21 Expression in COPD**
Taoyu Li (Groningen, Netherlands), Marnix Jonker, Kingsley Okechukwu Nwozor, Xinzi Zheng, Irene Heijink, Maaike De Vries

PA3182 **Cigarette smoke increases infectious risk altering innate immune response in airway models**
Paola Pinto (PALERMO, Italy), Maria Ferraro, Stefania La Grutta, Elisabetta Pace, Serena Di Vincenzo

PA3183 **Effects of FAM8A1-mediated ERAD on Macrophage Polarization in Chronic Obstructive Pulmonary Disease**
yanan zhang (yinchuan, China), RUONAN LV, Yuling Wang, Mingrui Wan

PS-8 Session 254 08:00 - 09:30

Poster session: Ex vivo modelling in lung research: new frontiers

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care | Thoracic oncology

Method(s) : Cell and molecular biology | Imaging | Pulmonary function testing

Chairs : Antonella Dost (Utrecht, Netherlands), Niki L. Reynaert (Maastricht, Netherlands)

PA3184 **FGF10 alleviates LPS-induced acute lung injury and inflammation by inhibiting Gasdermin-E-mediated pyroptosis of alveolar epithelial cell**
Tianchang Wei (Shanghai, China), Yuanlin Song

PA3185 **Attenuation of ventilation-induced endoplasmic reticulum stress associated with lung injury through phosphoinositide 3-kinase-γ in a murine endotoxemia model**
Li-Fu Li (Keelung, Taiwan), Chih-Yu Huang

PA3186 **Interleukin-21 exacerbates acute lung injury by increasing pulmonary microvascular endothelial permeability**
Qiao Luo (Guangzhou, China), Tao Wang

PA3187 **LSC - 2025 - Investigating the mechanisms through which lung MSCs regulate endothelial functionality in COPD using distal lung organoid models**
Mark Bell (Belfast, United Kingdom), Irene Heijink, Cliff Taggart, Anna Krasnodembskaya

PA3188 **Cell type-specific origins of oxidative/nitrosative stress drive the development of distinct COPD phenotypes**
Stefan Hadzic (Giessen, Germany), Cheng-Yu Wu, Siddartha Doswada, Edma Loku, Julia Schaeffer, Marija Gredic, Magdalena Wujak, Werner Seeger, Saverio Bellusci, Natascha Sommer, Norbert Weissmann

PA3189 **Dynamic Pulmonary Aciniform Organoids for fibrosis modeling via mechanical expansion assessment**
Satoshi Ikeo (Tokyo, Japan), Yuta Tani, Jun Sawayama, Tetsuharu Nagamoto, Yuki Yamamoto, Shoji Takeuchi

PA3190 **A novel perfused muscle-on-chip platform to study muscle impairments in COPD**
Sven Manse (Maastricht, Netherlands), Jalal Mosayebi Amroabadi, David Baião Barata, Pauline J. M. Henrot, Luna I. G. C. Louwe, Roman K. Truckenmüller, Irene H. Heijink, Harry R. Gosker, Ramon C. J. Langen

PA3191	**Small airways, big questions: how small airway disease relates to emphysema in COPD explant lungs** Thibo Verheyen (Kontich, Belgium), Jeroen Hendriks, Wen Wen, Dieter Peeters, Annemiek Snoeckx, Joke De Raedemaecker, Thérèse Lapperre, Stijn Verleden
PA3192	**WISP1 modulates inflammation and Oxidative Stress in COPD: evidence from a Lung-on-chip model** Maria Elpida Christopoulou (Freiburg im Breisgau, Germany), Eleni Papakonstantinou, Gernot Zissel, Marina Freudenberg, Daiana Stolz
PA3193	**Label-free 4D-imaging of pathophysiological cell and tissue changes in precision-cut lung slices** Naomi Esmee Duits (Amsterdam, Netherlands), Lyra A. J. Soeterbroek, Yuanyuan M. Ma, Martijn Van Dorp, Chris Dickhoff, Jouke T. Annema, Jan Willem Duitman, Marie Louise Groot
PA3194	**Cold storage of human Precision-Cut Lung Slices preserves cellular composition and transcriptional responses and enables on-demand translational lung research** Maria Camila Melo Narvaez (Marburg, Germany), Fee Gölitz, Eshita Jain, Janine Gote-Schniering, Mircea Gabriel Stoleriu, Wilhelm Bertrams, Bernd Schmeck, Ali Önder Yildirim, Ursula Rauen, Timo Wille, Mareike Lehmann
PA3195	**Pulmonary vascular leak: In vitro modelling of the microvasculature under flow conditions** Aoife Blake (Dublin, Ireland), Paul Mcloughlin, John Baugh
PA3196	**The DDR1-TLN1 axis contributes to collagen synthesis in a chronic in vitro model of lung fibrogenesis.** Annabel Kunzemann Martinez (London, United Kingdom), Serena Bertolini, Anna Maria Capelli, Rachel Walters, Madeleine Rossanese, Greg Contento, Rachel C Chambers, Manuela Platé
PA3197	**Protective effects of a KEAP1 inhibitor in preclinical lung models of oxidative stress and cell damage** Karolina Öst (Mölndal, Sweden), Magdalena Rhedin, Oliwia Slettengren, Linda Yrlid
PA3198	**Ex Vivo Deposition and Pharmacokinetics of Inhaled RNA Therapeutics: Insights from the Isolated Perfused Rat Lung** Dorothee Winterberg (Hannover, Germany), Philippe Vollmer Barbosa, Katharina Schwarz, Fabian Röpken, Anna Zimmer, Franziska Dahlmann, Armin Braun
PA3199	**Comparison between a tri and a tetraculture air liquid interface fibrosis models** Emanuela Bocchi (Parma, Italy), Gessica Marchini, Vanessa Pitozzi, Marcello Trevisani, Gino Villetti, Francesca Ruscitti
PA3200	**3D Lung Organoids as a Novel Model for Studying Ischemia-Reperfusion Injury in Lung Transplantation** Rosaria Tinnirello (Palermo, Italy), Maura Cimino, Maria Chiara Iachini, Giovanni Zito, Gioacchin Iannolo, Federica Cosentino, Antonio D'Amore, Massimo Pinzani, Pier Giulio Conaldi, Alessandro Bertani, Lorenzo Rosso, Lorenza Lazzari, Vitale Miceli
PA3201	**Secretome profile of human alveolar epithelial type 2 cells from healthy and COPD subjects cultured in decellularised human lung slices** Anna-Karin Larsson-Callerfelt (Lund, Sweden), Oskar Rosmark, Ida Rosdal, Martin Ryde, Monica Kåredal, Sandra Lindstedt, Göran Dellgren, Gunilla Westergren-Thorsson
PA3202	**Contributions from alveolar cell extrusion to cell-state transitions in lung fibrosis** Isabel Uwagboe (London, United Kingdom), Alison John, Charlotte Dean, Gisli Jenkins, Jody Rosenblatt, Maddy Parsons
PA3203	**Late Breaking Abstract - Single-cell RNA sequencing reveals modified basal and club cells subtypes and accelerated aging in transplant recipients in an ex vivo airway epithelium model** Louise Bondeelle (Genève, Switzerland), Fedor Bezrukov, Gregory Berra, Yves Chalandon, Sophie Clement, Federica Giannotti, Constant Gensous, Anne Claire Mamez, Sarah Morin, Sheryline Loison, Radhika Sood, Romain Messe, Caroline Tapparel, Anne Bergeron

PS-9 Session 255 08:00 - 09:30

Poster session: Novel diagnostic tools, measurements and techniques for the prediction and evaluation of obstructive sleep apnoea

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Public health General respiratory patient care Physiology Epidemiology Cell and molecular biology Imaging

Chairs : Alexandros Kalkanis (Leuven, Belgium), Chair to be confirmed

PA3204	**Improving Sleep Quality: The Benefits of Using Smartwatches for Sleep Assessment** NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane
PA3205	**Identification of Obstructive Apnea Signatures Result in Phenotypes with Distinct Biometric Differences** Hamed Hanafi (Halifax (NS), Canada), Matthew Hickey, Kazi Antor Hasan, Steve Driscoll, Scott Lowe, Ingo Fietze, Thomas Penzel, Reena Mehra, Sanja Jelic, Yuksel Peker, Debra Morrison

PA3206	**The role of mean apnea-hypopnea duration in cardiovascular effects in obstructive sleep apnea** Gulfem Ozduygu (BAHÇELIEVLER, Turkey), Cagrı Atasoy, Dogan Ilis, Inanc Artac, Ihsan Topaloglu
PA3207	**Nocturnal pulse transit time drops as autonomic arousals surrogate in obstructive sleep apnea** Matteo Bradicich (Zurich, Switzerland), Laura Katharina Schnider, Lara Benning, Zoe Bousraou, Michelle Mollet, Esther Irene Schwarz
PA3208	**Quantifying endotypic traits in obstructive sleep apnea from polygraphy with arousal detection** Tim Heuker of Hoek (Hengelo, Netherlands), Luca Cerina, Franciscus De Jongh, Pedro Fonseca, Sebastiaan Overeem, Timon Fabius
PA3209	**From laboratory to home: obstructive sleep apnea screening** Maria João Santos Silva Oliveira (Vila Nova De Gaia, Portugal), Mafalda Pais, Inês Franco, Daniela Machado, Carla Nogueira, Ana Fonseca, Marta Marques, Regina Monteiro, Susana Alves, Raquel Marçôa, Ines Sanches, Daniela Ferreira
PA3210	**Agreement in treatment decisions between a peripheral arterial tonometry-based sleep test and polysomnography: a prospective observational study** Anita Lídia Lascasas Trigueira (Porto, Portugal), João Marques Macedo, Luís Filipe Santos Silva, Margarida Costa Silva, Rita Matos Gomes, Jorge Ferreira
PA3211	**Measurements of sleep duration and sleep apnea hypopnea at once by a millimeter wave radar** Kazuo Chin (H. B. Jin) (Tokyo, Japan), Yutaka Kozu, Shigeaki Okumura, Kazuma Nagata, Mamiko Hoshi, Daisuke Endo, Tatsuya Ito, Susumu Sato, Kimihiko Murase, Hironobu Sunadome, Takuya Sakamoto, Toyohiro Hirai, Yasuhiro Gon, Hirofmi Taki, Toshiki Akahoshi
PA3212	**Reliability of mandibular jaw movement analysis for assessing residual apnea-hypopnea index in OSA patients under PAP therapy** Jean-Benoit Martinot (Namur, Belgium), Nhat-Nam Le-Dong, Didier Clause, Atul Malhotra, Jean-Louis Pépin
PA3213	**Cheyne-Stokes respiratory features, O2 homeostasis and heart failure severity in ADVENT-HF** Sayaki Ishiwata (Toronto, Canada), Clodagh M. Ryan, Christian M. Horvath, Alexander G. Logan, John S. Floras, T. Douglas Bradley
PA3214	**Deceleration Capacity of Heart Rate is Associated with All-cause Mortality in Co-morbid Insomnia and Sleep Apnea** Hua Qin (Guangzhou, China), Fernando Vaquerizo-Villar, Jan W. Kantelhardt, Thomas Penzel, Xiaowen Zhang
PA3215	**Pilot study: AI-enhanced COMISA diagnosis in a community hospital using objective sleep and HRV metrics in Hong Kong** Hai Ka, Betty Young (Hong Kong, Hong Kong), Chak Yan Isaac Kwok, Chih-Wei Tsai, Lydia Leung, Cynthia Cheung, Pui Ling Amy Kwok
PA3216	**Association between the uric acid to high-density cholesterol ratio (UHR) and obstructive sleep apnea: mediation by C-reactive protein** Yu Liu (shanghai, China), Liang Li, Wenjing Zhu, Cuixia Zheng
PA3217	**Ultrasound-Guided Tongue Base Thickness as a Screening Tool for Assessing Severity among patients with symptoms of Obstructive Sleep Apnea (OSA) at the Lung Center of the Philippines** MARK EDISON DE VERA (Taguig, Philippines), Virginia Delos Reyes
PA3218	**Upper Airway Ultrasound and Clinical Predictors for Obstructive Sleep Apnea** Cristina Gangemi (Catania, Italy), Domenico Caratozzolo, Giorgio Morana, Pietro Impellizzeri, Salvatore Mancuso, Andrea Renda, Carlo Reina, Carlo Vancheri, Lucia Spicuzza
PA3219	**Tongue Base Thickness Measurements by Ultrasound Images for Patients with Obstructive Sleep Apnea** Ahmed Beshir (Cairo, Egypt), Ismail Mohamed Alwakil, Mohamed Abomandour Fouda, Mohamed Abdallah Mabrouk
PA3220	**Hypnodensity metrics captured by nocturnal fingertip photoplethysmography in sleep-disordered breathing: Association with self-reported daytime sleepiness and fatigue** Matias Rusanen (Kuopio, Finland), Viateur Tuyinsenge, Sandrine Muller, Renaud Tamisier, Sebastien Baillieul, Sami Myllymaa, Samu Kainulainen, Timo Leppänen, Jean-Louis Pepin, Sebastien Bailly
PA3221	**Correlation of spontaneous eye-blinks with sleepiness in patients with sleep apnea** Fotios Drakopanagiotakis (Alexandroupoli, Greece), Gilmaz Batzak, Konstantina Chadia, Eirini Kanella Panagiotopoulou, Minas Bakitzis, Georgios Labiris, Paschalis Steiropoulos
PA3222	**Novel ST8SIA3 mutation associated with familial obstructive sleep apnea** Burcu Arpinar Yigitbas (Istanbul, Turkey), Diyar Sayıt, Irem Uzun, Sacit Icten, Filiz Özen, Esra Yazar

PA3223	**Glymphatic System Dysfunction Evaluated by Magnetic Resonance Imaging in Obese Children with Obstructive Sleep Apnea** Birce Sunman (Ankara, Turkey), Didem Alboga, Burcu Capraz Yavuz, Burcu Senkalfa, Ekim Gumeler, Meltem Karatas, Nagehan Emiralioglu Ordukaya, Suna Sabuncuoglu, Elmaz Nazlı Gönç, Zeynep Alev Özön, Kader Karli Oguz, Ebru Yalcin, Deniz Dogru, Uğur Özçelik	

G104/105 Session 258 08:00 - 10:20

Skills workshop: SW8 SW8: Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : to provide the technical expertise needed to perform spirometry, whole-body plethysmography and diffusion testing according to both best practice and the latest recommendations that are supported by experts in the field; to explain the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; to discuss the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Physiology Pulmonary function testing

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

08:00	**Performing spirometry** Lindsay Zurba (Durban, South Africa)	**3232**
08:00	**Standardised static lung volume measurement and airway resistance using whole-body plethysmography** Aisling McGowan (Dublin 15, Ireland)	**3233**
08:00	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Frans H.C. De Jongh (Enschede, Netherlands)	**3234**
08:00	**Reporting and interpretation of case studies** Gregory King (Sydney (NSW), Australia)	**3235**

Auditorium Session 259 08:30 - 10:00

State of the art session: Interstitial lung diseases

Horizon scanning in the treatment of interstitial lung diseases

Aims : to describe the bench-to-bedside approach in the development of therapies for interstitial lung diseases; to highlight the emerging therapeutic interventions for the management of interstitial lung diseases; to describe non-pharmacological approaches for the management of interstitial lung diseases; to explore the lessons learnt from other organ systems with respect to the pathophysiology of pulmonary fibrosis.

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Respiratory therapist

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium), Michael Kreuter (Mainz, Germany)

08:30	**From bench to bedside: how advancements in scientific knowledge lead to new therapies for pulmonary fibrosis** Rachel Chambers (London, United Kingdom)	**3236**
08:45	**Non-pharmacological strategies to impact quality of life in interstitial lung diseases** Sabina A. Guler (Bern, Switzerland)	**3237**
09:00	**What can we learn from fibrosis in other organ systems e.g., the kidney, liver and heart?** ARGYRIS TZOUVELEKIS (Patras, Greece)	**3238**
09:15	**Emerging pharmacological therapies in interstitial lung diseases** Sheetu Singh (Jaipur (Rajasthan), India)	**3239**
09:30	**Discussion and Q&A** All speakers	**3240**

7A Session 260 08:30 - 09:15

Guidelines session: Management of bronchiectasis in adults

European Respiratory Society guidelines

Aims : to describe the key recommendations from the European Respiratory Society (ERS) bronchiectasis guidelines 2025.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

08:30	**Patient testimony** Eliza Kompatsiari (Thessaloniki, Greece), Alan Timothy (Hartlepool (Cleveland), United Kingdom), Tanja Hedberg (Vindeln, Sweden)	**6629**
08:35	**ERS bronchiectasis guidelines 2025: recommendations for non-pharmacological management** Stefano Aliberti (Milano (MI), Italy)	**3241**
08:50	**ERS bronchiectasis guidelines 2025: pharmacological treatment** James D. Chalmers (Dundee (Angus), United Kingdom)	**3242**
09:05	**Discussion and Q&A** Stefano Aliberti (Milano (MI), Italy), James D. Chalmers (Dundee (Angus), United Kingdom), Amelia Shoemark (Dundee (Angus), United Kingdom), Amjad Horani (St. Louis, United States)	**3243**

Elicium 2 Session 261 08:30 - 10:00

Hot topics: Cough phenotyping: from the clinic to treatment

Aims : to highlight chronic cough as a distinct disease that requires greater recognition and understanding; to explore the complexities of clinical drug trials and the balance between efficacy and placebo effect in cough management; to address the multifaceted nature of "upper airways cough syndrome", by sharing global consensus on optimising chronic cough care in the clinical setting; to provide the latest evidence-based insights and practical strategies for accurately phenotyping cough and delivering personalised, outcome-oriented treatment.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Imaging

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Journalist

Chairs : Francesca Polverino (Houston, United States), Augusta Beech (Manchester, United Kingdom), Apostolos Bossios (Stockholm, Sweden)

08:30	**Call for action: chronic cough is a disease** Kian Fan Chung (London, United Kingdom)	**3244**
08:45	**Clinical drug trials in cough: efficacy versus placebo effect** Woo-Jung Song (Seoul, Republic of Korea)	**3245**
09:00	**Upper airways cough syndrome** Renata Pecova (Bratislava, Slovakia)	**3246**
09:15	**Managing chronic cough in the clinic: seeking global consensus from around the world** Marta Dąbrowska (Warszawa, Poland)	**3247**
09:30	**Discussion and Q&A** All speakers	**3248**

5A Session 262 08:30 - 10:00

State of the art session: Thoracic oncology

Lung cancer screening updates: switch gears to move forward

Aims : to analyse best practices and pitfalls in lung cancer screening programmes worldwide; to assess existing experience and troubleshooting for the pragmatic implementation of lung cancer screening programmes in a real clinical setting.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Wouter H. van Geffen (Nijmegen, Netherlands), Marcello Migliore (Catania, Italy), Andriani Charpidou (Athens, Greece)

08:30	**Enhanced patient access to lung cancer screening** Torsten Gerriet Blum (Berlin, Germany)	**3249**
08:45	**Biomarkers in lung cancer screening selection, risk stratification and prognosis** David Baldwin (Nottingham (Nottinghamshire), United Kingdom)	**3250**
09:00	**Best practices, pitfalls and troubleshooting in lung cancer screening programmes worldwide: the current state of play** Martina Koziar Vasakova (Praha 10, Czech Republic)	**3251**
09:15	**Developing a lung cancer screening curriculum for healthcare professionals** Georgia Hardavella (Athens, Greece)	**3252**
09:30	**Discussion and Q&A** All speakers	**3253**

5B Session 263 08:30 - 10:00

Hot topics: Small lungs, big consequences

The origins, consequences and clinical implications of low lung volumes

Aims : Aims: to provide an expert overview of the importance of non-specific restrictive lung function impairment (small lungs) and how, until recently, this has been ignored epidemiologically and often confused with chronic obstructive pulmonary disease (airflow obstruction); to highlight what we have learned about small lungs, especially from research in low-income countries; to describe the evidence for the developmental origins of small lungs, the predominant association of restrictive spirometry with cardio-metabolic abnormalities, poor prognosis and low survival, and the clinical implications for respiratory medicine and general practice, and particularly for practice in low-income settings; to conclude each talk with take-home messages.

Method(s) : Epidemiology Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational)

Chairs : Andre F.S. Amaral (London, United Kingdom), Chair to be confirmed

08:30	**Small lung syndrome: the need to reclassify chronic lung disease** Peter Burney (London, United Kingdom)	**3254**
08:45	**Tracking lung function and respiratory development from birth to healthy old age** Shyamali Dharmage (Carlton Victoria, Australia)	**3255**
09:00	**Small lungs: implications for low- and middle-income countries** Obianuju Beatrice Ozoh (Lagos, Nigeria)	**3256**
09:15	**Are clinicians missing treatable cardiovascular disease in patients with a low forced vital capacity?** Christer Janson (Uppsala, Sweden)	**3257**
09:30	**Discussion and Q&A** All speakers	**3258**

5C Session 264 08:30 - 10:00

Symposium: From wounds to wrinkles: injuries in life as predictors of lung ageing

Aims : to present accelerated lung ageing and the risk of chronic lung disease across the entire lifespan, ranging from the intrauterine/perinatal and preconception period to ageing humans; to address the following knowledge gaps: when does ageing begin, how does inflammation trigger the onset and progression of chronic lung disease at different stages of life and how can lung resilience be maintained and regeneration be promoted?; to enable discussion on aging lung between experts with different expertise, ranging from epidemiology, developmental biology, paediatric/neonatal lung biology and medicine, and adult chronic lung diseases to regenerative lung biology and medicine; to explain the developmental origins of chronic lung diseases and how to use current advanced technologies to delineate premature ageing processes; to discuss ways to promote lung intrinsic regenerative resources. to encourage basic, clinical and translational research that will bridge knowledge gaps at the intersection of translational lung research aiming to understand pathological mechanisms and the development of more effective patient stratification approaches and subsequent therapeutic strategies for chronic lung diseases that are a major global health burden.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology | Epidemiology | Pulmonary function testing

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Paediatrician, Patient, Scientist (basic, translational)

Chairs : Silke Meiners (Sülfeld, Germany), Didier Cataldo (Liege, Belgium), Sara Cuevas Ocaña (Cambridge, United Kingdom)

08:30	**Before the first breath: Early life and preconception origins of respiratory health** Cecilie Svanes (Bergen, Norway)	**3259**
08:45	**From the uterus to lung disease: intergenerational triggers of premature lung inflammaging** Miguel Angel Alejandre Alcázar (Cologne, Germany)	**3260**
09:00	**Ticking together: the epigenetic clock and lung ageing across the lifespan** Morten Scheibye-Knudsen (Copenhagen, Denmark)	**3261**
09:15	**Turning back the clock: how to target ageing in the lung** Mareike Lehmann (Marburg, Germany)	**3262**
09:30	**Discussion and Q&A** All speakers	**3263**

5D Session 265 08:30 - 10:00

Mini symposium: Primary pulmonary lymphomas: a wide spectrum of disguising entities

Primary pulmonary lymphomas

Aims : to describe the identification of primary pulmonary lymphomas according to the recent World Health Organization classification; to describe the peculiar or disguising clinical/laboratory profile by which primary pulmonary lymphomas may manifest and discuss fundamental pathogenetic aspects; to describe imaging documentation of parenchymal/pleural involvement, taking into account new techniques such as photon-counting computed tomography and nuclear medicine; to present endoscopic and other minimally invasive approaches along with sophisticated laboratory tests that may confirm the diagnosis; to cover differential diagnoses and tricks.

Disease(s) : Interstitial lung diseases | Thoracic oncology

Method(s) : Cell and molecular biology | Endoscopy and interventional pulmonology | Imaging

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon

Chairs : Sara Piciucchi (Forlì, Italy), Konstantina Kontogianni (Heidelberg, Germany)

08:30	**Clinical overview** Yurdagül Uzunhan (Bobigny, France)	**3264**
08:45	**Pulmonary lymphomas: a challenge for the radiologist** Shaunagh McDermott (Boston, United States)	**3265**
09:00	**Minimally invasive approach to lymphoproliferative disease: is cryobiopsy enough?** Venerino Poletti (Forlì, Italy)	**3266**
09:15	**Discussion and Q&A** All speakers	**3267**

Studio Session 266 09:00 - 09:45

Deep Dive: Save the world! Vote for the solution to a major respiratory threat

Aims : to conduct a debate in which four speakers pitch for a pot of money to fund the solution to a global threat to respiratory health.

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Marc Miravitlles (Barcelona, Spain), Sanja Stanojevic (Halifax (NS), Canada)

09:00	**An intervention to optimise prevention and care of non-communicable respiratory diseases** Ee Ming Khoo (Kuala Lumpur, Malaysia)	**3268**
09:05	**An intervention to revolutionise the supportive care for tuberculosis** Raja Dhar (Kolkata (West Bengal), India)	**3269**
09:10	**An intervention to advance the tobacco end-game** Elif Dagli (Istanbul, Turkey)	**3270**
09:15	**An initiative to eradicate poor urban air quality** Haneen Khreis (, United States)	**3271**
09:20	**Discussion and Q&A** All speakers	**3272**
09:40	**Voting and wrap-up** All speakers	**3273**

7A Session 267 09:15 - 10:00

Guidelines session: Diagnosis of primary ciliary dyskinesia

European Respiratory Society/American Thoracic Society clinical practice guideline

Aims : to discuss the impact of a diagnosis of primary ciliary dyskinesia on management and for patients who are referred for diagnostic testing, genetic testing and transmission electron microscopy to confirm a diagnosis, evidence for use of adjunct tests (high-speed video microscopy, immunofluorescence and nasal nitric oxide) in primary ciliary dyskinesia diagnosis, strategies for diagnostic testing in a resource-limited setting, unmet needs and future directions.

Disease(s) : Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

09:15	**Patient testimony** Lucy Dixon (Buckingham, United Kingdom), Michele Manion (Bloomington, United States)	**6630**
09:20	**What is primary ciliary dyskinesia and why make the diagnosis?** Amelia Shoemark (Dundee (Angus), United Kingdom)	**3274**
09:35	**Presentation of the joint European Respiratory Society/American Thoracic Society diagnostic guideline** Amjad Horani (St. Louis, United States)	**3275**
09:50	**Discussion and Q&A** Amelia Shoemark (Dundee (Angus), United Kingdom), Amjad Horani (St. Louis, United States), James D. Chalmers (Dundee (Angus), United Kingdom), Stefano Aliberti (Milano (MI), Italy)	**3276**

Elicium 1 Session 268 09:30 - 10:45

Oral presentation: Best abstracts in clinical problems

Disease(s) : Airway diseases | Thoracic oncology | Respiratory critical care

Method(s) : Palliative care | Physiology | General respiratory patient care | Endoscopy and interventional pulmonology | Epidemiology | Pulmonary function testing | Cell and molecular biology

Chairs : Nicoletta R. Morelli (The Hague, Netherlands), Pradeesh Sivapalan (Gentofte, Denmark)

OA3277	**Late Breaking Abstract - Prevalence of cardiopulmonary events and risk factors before COPD diagnosis: ABACOS RISKS Study** Richard Russell (Sheffield, United Kingdom), Vishnav Pradeep, Jonathan Patrick, Christopher Morgan, Hungta Chen, Michael Pollack, Stephanie Dods, Hana Müllerová, Claus Franz Vogelmeier, Dave Singh, Chris Gale, Della Varghese	
OA3279	**Integrative multi-omics analysis identifies genetically supported inflammatory-related drivers of chronic obstructive pulmonary disease risk** Qin Zhang (Beijing, China), Ye Lu, Mingming Deng, Liang Zou, Yi Chen, Xiaoming Zhou, Gang Hou	

OA3280	**Development and Validation of a Resting Respiratory Flow Analyzer as an Alternative to Spirometry** Tsunenori Takatani (Kashihara City , Nara, Japan), Motoo Yamauchi, Yoshinori Toshioka, Shigeru Muro
OA3281	**Relationship of Dickkopf-1 with endothelial dysfunction in bronchiectasis** Yangli Liu (Guangzhou, China), Fengjia Chen, Yubiao Guo, Zhimin Zeng
OA3282	**Genetic Susceptibility to Causal Relationship between Antidiabetic Drugs and Respiratory Infection Susceptibility in Diabetes** Zhenchao Wu (Beijing, China), Taikang Yao, Nan Wu, Zilu Wang, Zhongyu Han, Jiajia Zheng, Beibei Liu, Yi Liu, Ning Shen
OA3283	**Role of multiplex respiratory panel and procalcitonin in reducing antibiotic use for acute COPD exacerbations: a retrospective cohort study** Loïc de Oliveira-Sicard (Montreal, Canada), Bruno-Pierre Dubé
OA3284	**Comparison of 1.1mm and 1.7mm cryoprobes in transbronchial mediastinal cryobiopsy: a randomized clinical trial** Ye Fan (Chongqing, China), Yu Zhang, Wan-Lei Fu, Zan-Sheng Huang, Ren-Hai Zhong, Felix J.F. Herth
OA3285	**Efficacy and Pharmacokinetics of the Blonanserin Transdermal Patch in Terminal-Stage Respiratory Diseases: Insights from a Clinical Study** Katsutoshi Ando (Meguro, Japan), Ayumi Suzuki, Hiroki Yoshida
OA3286	**Identifying clinical phenotypes in alpha-1 antitrypsin deficiency (AATD) using clustering on data from the European Alpha-1 Research Collaboration (EARCO)** Anse Somers (Leuven, Belgium), Kenneth Verstraete, Ella Demesmaeker, Wim Janssens, Stephanie Everaerts
OA3287	**Effects of PDE4 inhibitors on exacerbations and pulmonary function in COPD patients with bronchiectasis** Jae-Kyeong Lee (Gwangju, Republic of Korea), Chang Seok Yoon, Bo-Gun Kho, Hong-Joon Shin, Yong-Soo Kwon, Yu-Il Kim, Sung-Chul Lim, Tae-Ok Kim
OA3278	**Discussion and Q&A**

Forum — Session 269 — 09:30 - 10:45

Oral presentation: Breakthroughs in airway disease therapeutics: beyond biologics

Disease(s) : Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | General respiratory patient care | Pulmonary function testing

Chairs : Matteo Bonini (Rome, Italy), Chair to be confirmed

OA3288	**Late Breaking Abstract - Safety, pharmacokinetics and pharmacodynamics of KT-621, an oral STAT6 degrader, in healthy adults** Arsalan Shabbir (Watertown, United States), Sagar Agarwal, Alice Mcdonald, Kelvin Shi, Chad Nivens, Annie Conery, Nello Mainolfi, Jared Gollob
OA3290	**TETRIS: A 24-month, prospective study to observe clinical outcomes in COPD patients with different treatment journeys in Germany** Gernot G.U. Rohde (Frankfurt am Main, Germany), Claus F. Vogelmeier, Jing Claussen, Peter Kardos, Kai-Michael Beeh, Henrik Watz, Bernd Westermayer
OA3291	**Gene modules linked to ICS-induced lung function improvement in COPD: Insights from the GLUCOLD study** Jing Zhang (Groningen, Netherlands), Maarten Van Den Berge, Corry-Anke Brandsma, Wim Timens, Alen Faiz, Machteld N. Hylkema, Maaike De Vries
OA3292	**Effect of mucoactive drugs on immunological parameters in patients with stable COPD** Dmytro Dobrianskyi (Kyiv, Ukraine), Nina Kuzmenko, Galyna Gumeniuk, Oleh Iaremenko
OA3293	**Ensifentrine synergistically relaxes hyperreactive human bronchi from COPD donors in combination with ICS, LABA, and LAMA** Paola Rogliani (Roma (RM), Italy), Shima Gholamalishahi, Tara Rheault, Luigino Calzetta
OA3294	**Impact of inhaled triple therapy on symptomatic tobacco-exposed individuals with normal spirometry** Anna Salina (Riga, Latvia), Maria Pascarella, Leticia Grize, Andrei M. Darie, Kathleen Jahn, Werner Strobel, Andreas Hoheisel, Eleni Papakonstantinou, Vera D. Sollberger, Vera D. Sollberger, Aivars Lejnieks, Aivars Lejnieks, Janwillem Wh Kocks, Janwillem Wh Kocks, Janwillem Wh Kocks, Janwillem Wh Kocks, Michael Tamm, Michael Tamm, Philipp Latzin, Mario Cazzola, Medea Imboden, Medea Imboden, Nicole Probst-Hensch, Nicole Probst-Hensch, Daiana Stolz, Daiana Stolz
OA3295	**Ex-vivo efficacy of tanimilast in human COPD-derived Precision Cut Lung Slices (PCLS)** Elena Tantillo (Parma, Italy), Ben Barksby, Luke Patterson, Silvia Siragusa, Maria Giulia Gualandri, Giulia Natali, Andrew Fisher, Maurizio Civelli, Gino Villetti, Marcello Trevisani, Lee Borthwick, Silvia Pontis

OA3296	**Relationship between repeated sputum and blood eosinophil counts in COPD.** Augusta Beech (Manchester, United Kingdom), Andrew Higham, Danen Cunoosamy, Jennifer A Dewhurst, Xavier Soler, Dave Singh
OA3297	**The effect of heme and bacteria on endothelial barrier function in COPD.** James Baker (MANCHESTER, United Kingdom), Maisie Wilcox, Hridika Deka, Simon Lea, Dave Singh
OA3298	**Developing low carbon salbutamol MDI: assessment of relative bioavailability of salbutamol with propellant HFA-152a** Christer Janson (Uppsala, Sweden), Laura Clow, Maximilian Plank, Dave Singh, David Slade, Stephen Weng, Sebastian Moreira
OA3289	**Discussion and Q&A**

3A Session 270 09:30 - 10:45

Oral presentation: Transitioning from basic science to translational research in sleep-disordered breathing

Disease(s) : Sleep and breathing disorders Pulmonary vascular diseases

Method(s) : Cell and molecular biology Public health Epidemiology Physiology Pulmonary function testing General respiratory patient care

Chairs : Raphael Heinzer (Lausanne, Switzerland), Elisa Perger (Milano, Italy)

OA3299	**Late Breaking Abstract - Omics Profiling of Patients with Obstructive Sleep Apnoea Reveals Risks of Diabetes Mellitus and Cardiovascular Diseases** Zhiling Zhao (Beijing, China), Hanyujie Kang, Yafei Wang, Xiahui Li, Xiaotao Wu, Junqing Liu, Jing Li, Ziting Liang, Lujia Guan, Zhenfang Shan, Jieqiong Li, Zhaohui Tong
OA3301	**Post-stroke sleep apnea: the effect of intermittent hypoxia on cerebrovascular recovery** Anne Briançon-Marjollet (Grenoble Cedex 9, France), Bayan El Amine, Benjamin Lemasson, Marc-Adrien Reveyaz, Nora Collomb, Emeline Lemarié, Antoine Boutin-Paradis, Sophie Bouyon, Claire Rome
OA3302	**The relationship between inspiratory area under the curve in spirometry and sleep apnea in children** Nilgun Kula (Ankara, Turkey), Tugba Sismanlar Eyuboglu, Ayse Tana Aslan, Ali Bugra Cetinkaya, Handan Kekec, Ugur Ozcan, Volkan Medeni, Kemal Yıldırım
OA3303	**Impact Of Obstructive Sleep Apnoea and Its Severity On The Mechanisms Of Aortic Valve Atherosclerosis** Perrine Petit (Grenoble, France), Fahd Bennani, Emeline Lemarié, Marie Destors, Sébastien Baillieul, Van Ngo, Olivier Chavanon, Jean-Louis Pépin, Anne Briançon-Marjollet, Renaud Tamisier
OA3304	**Effects of nocturnal periodic breathing on sympathetic nerve activity and ventilatory control at high altitude: a randomised, placebo-controlled, crossover study** Johanna Roche (Bolzano, Italy), James Fisher, Peter Rasmussen, Abubaker Ibrahim, Philip Ainslie, Rachel Turner, Giovanni Vinetti, Matteo Cesari, Michael Furian, Ambra Stefani, Nikolaus Netzer, Hannes Gatterer, Birgit Högl, Christoph Siebenmann
OA3305	**Residual perfusion defects in pulmonary embolism: the contribution of obstructive sleep apnea and miRNA expression (NIX study)** Carlos Carrera Cueva (Sevilla, Spain), Miquel Gratacós I Aurich, Olga Tura Ceide, Verónica Sánchez López, Noelia Sola Idigora, María Dolores Nuñez Ollero, Aldara García Sánchez, Irene Cano Pumarega, Amaia Urrutia Gajate, Valentín Cabriada Nuño, Agustina Rivas Guerrero, Jeisson Osorio Trujillo, David Hervás Marín, Candelaria Caballero Eraso, Remedios Otero Candelera
OA3306	**Residual Excessive Daytime Sleepiness in Patients with Obstructive Sleep Apnoea treated with Continuous Positive Airway Pressure: A Meta-Analysis** Ahmed Almaghrabi (London, United Kingdom), Asim Madkhali, Mohammed Alkhathami, Cheng Zhang, Abdulaziz Alsharifi, Gerrard F Rafferty, Joerg Steier
OA3307	**Relationship Between Obstructive Sleep Apnea and Insulin Resistance in Obese Children** Birce Sunman (Ankara, Turkey), Didem Alboga, Meltem Akgül Erdal, Havva İpek Demir, Burcu Şenkalfa, Doğuş Vurallı, Nagehan Emiralioğlu Ordukaya, Elmas Nazlı Gönç, Zeynep Alev Özön, Ebru Yalçın, Deniz Doğru, Uğur Özçelik
OA3308	**Night-to-night variability in Apnoea-Hypopnoea Index: Implications for Obstructive Sleep Apnoea diagnosis** Sam Johnson (Durham, United Kingdom), Hector Romero, Philip Gillespie, Richard Wiffen, Ari Manuel, Matthew Palethorpe, Miche De Meyer, Ning Ma, Guy J Brown
OA3309	**Sex-Specific Metabolic and Behavioral Consequences of Obesity and Intermittent Hypoxia in a Murine OSA Model** Mohammad Badran (Columbia, United States), David Gozal

OA3300 **Discussion and Q&A**

3B Session 271 09:30 - 10:45

Oral presentation: Nursing role in global respiratory health

Disease(s) : Airway diseases Thoracic oncology Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Epidemiology Public health

Chairs : José Miguel dos Santos Castro Padilha (Porto, Portugal), Chair to be confirmed

OA3310 **Late Breaking Abstract - The effect of mobile application-based education on self-efficacy, medication adherence and sleep quality in asthma patients**
EZGI YILDIRIM (ANKARA, Turkey), Ayla Demirtas, Yakup Arslan

OA3312 **Quality of life decline in Pseudomonas aeruginosa-colonized bronchiectasis: A longitudinal nursing perspective**
Leticia Bueno Freire (Barcelona, Spain), Victoria Alcaraz-Serrano, Patricia Oscanoa, Rubén López-Aladid, Nil Vázquez, Adrián Ceccato, Roberto Cabrera, Nestor Soler, Rosanel Amaro, Laia Fernández-Barat*, Antoni Torres*

OA3313 **Empowering Rehabilitation Nursing in Chronic Respiratory Care: A Path to Reduced Hospitalisations**
Liliana Silva (Matosinhos, Portugal), Hélder Cunha

OA3314 **The Impact of COPD Knowledge on Symptom Severity, Quality of Life, and Inhaler Technique**
Maria Granados Santiago (Alcaudete, Spain), Eva Rubio Calvo, Pilar García González, Lourdes Rodríguez Castro, Oriana Denise Strilinsky Pérez, Laura López López, Marie Carmen Valenza

OA3315 **Pulmonary Rehabilitation Intervention to Maintain Exercise Behavior (PRIMEb): A 1-Year intervention to maintain Pulmonary Rehabilitation benefits in COPD patients**
Duarte Pinto (Matosinhos, Portugal), Raquel Marques, Maria Joãp Mar, Ana Carvalho, Sónia Rocha, Nuno Macedo, Paulino Sousa, Paulo Machado, Miguel Padilha

OA3316 **Are self-management digital interventions effective in improving health-related outcomes in patients with COPD? An umbrella review**
Ricardo Salgado (Lausanne, Switzerland), Hugo Fernandes, Véronique De Goumoëns, Blanche Kiszio, Patrício Costa, Philippe Delmas, Miguel Padilha

OA3317 **Nursing rehabilitation program to patients who underwent surgical lung resection**
Maria Loureiro (coimbra, Portugal), João Duarte, Sérgio Vaz, Rita Lopes, André Novo

OA3318 **Improving Satisfaction in Pulmonary Fibrosis Patients and Caregivers: The Impact of Tele-nursing**
Mireia Baiges, David Iglesias, Marta Jiménez, Yolanda Galea, Marina Clarambo, Laura Lahuerta, Pilar Ortega, Jaume Bordas Martinez

OA3319 **Preliminary results on physical activity levels of a short-term integrated movement enhancement intervention for people with newly pulmonary embolism: a randomized controlled trial**
Julia Raya Benitez (Granada, Spain), Ana Belén Gámiz Molina, Pilar García González, Raquel Galisteo Panadero, Oriana Denise Strilinsky Pérez, Marie Carmen Valenza

OA3320 **Global asthma self-management education interventions and asthma control in primary care: a systematic review.**
Joanne Walsh (Dublin, Ireland), Tom O'Connor, Bridget Murray, Chanel Watson

OA3311 **Discussion and Q&A**

Amtrium Session 272 09:30 - 10:45

Oral presentation: Transformations in cystic fibrosis: from structural lung changes to systemic implications of modulator therapy

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Physiology Pulmonary function testing Epidemiology Imaging General respiratory patient care

Chairs : Bülent Taner Karadag (Istanbul, Turkey), Chair to be confirmed

OA3321 **Late Breaking Abstract - AI-based mucus plug analysis to evaluate the effect of inhaled hypertonic saline in preschool children with CF: a randomized controlled trial**
Yuxin Chen (Rotterdam, Netherlands), Rudolfs Latisenko, Stephanie Davis, Margaret Rosenfeld, Felix Ratjen, Karen Hinckley Stukovsky, Stephen Stick, Harm Tiddens

OA3323 **Lung Clearance Index trajectories in Australian children with Cystic Fibrosis**
Tamara Blake (South Brisbane, Australia), Brett Dyer, Paul Robinson, Peter Sly

OA3324	**Long-term non-pulmonary outcomes of Elaxacaftor-Tezacaftor-Ivacaftor (ETI) in pwCF** Andreas Jung (Winterthur, Switzerland), Srdjan J. Micic, Eugènie Collaud, Anna Zolin
OA3325	**Three-year adherence to elexacaftor/tezacaftor/ivacaftor in people with cystic fibrosis** Carina M.E. Hansen (Groningen, Netherlands), Badr Zendaky, Patricia Van Den Bemt, Annelies Zwitserloot, Job Van Boven
OA3326	**CFTR modulators and MRSA in real-world practice: A three-group perspective** CEREN AYÇA YILDIZ (İstanbul, Turkey), Merve Selçuk Balci, Şeyda Karabulut, Neval Metin Çakar, Müge Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Büşra Özgünay, Emre Uğurlu, Burcu Uzunoğlu, Gamze Taştan, Almala Pinar Ergenekon, Ela Erdem Eralp, Yasemin Gökdemir, Fazilet Karakoç, Bülent Karadağ
OA3327	**Feasibility of routine sputum induction in the era of Elexacaftor/Tezacaftor/Ivacaftor therapy: A real-world single-centre experience** Teresa Fuchs (Innsbruck, Austria), Johannes Eder, Katharina Niedermayr, Ingrid Geißler, Alexandra Nöstlinger, Theresa Grinschgl-Leis, Olivia Eberharter, Helmut Ellemunter, Dorothea Appelt
OA3328	**The interactions between respiratory viruses, the airway microbiome, and immune response during pulmonary exacerbations in young children with cystic fibrosis** Joke Bastiaenssen (Antwerpen, Belgium), Eline Cauwenberghs, Nathalie Jouret, Peter Delputte, Stijn Verhulst, Sarah Lebeer, Ilke De Boeck, Irina Spacova, Kim Van Hoorenbeeck
OA3329	**Structural lung abnormalities in children and adults with cystic fibrosis after ETI using AI automated algorithms** Pranali Raut (Rotterdam, Netherlands), Hettie M. Janssens, Pier Ciet, Lieke Kamphuis, Marleen Bakker, Harm Tiddens, Daan Caudri
OA3330	**Fetal Exposure and Lens-Related Ocular Changes Following In-Utero Administration of Elexacaftor/Tezacaftor/Ivacaftor in a Rat Model** Elena Schneider (Parkville (VIC), Australia), Danni Li, Yimin Zhu, Mark Habgood, Holly Chinnery
OA3331	**A comparison of cardiopulmonary exercise testing in children with cystic fibrosis in the pre and post modulator therapy era** Paul Burns (Glasgow (Glasgow), United Kingdom), Amy Hunt, Colleen Carden, Ross Langley, Philip Davies, Louis Thomson, Anne Devenny
OA3322	**Discussion and Q&A**

Studio — Session 273 — 10:00 - 10:25

Experts interview: Challenging physiology: diaphragmatic dysfunction in respiratory failure

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Eleonora Volpato (Milano (MI), Italy), Anna Lavizzari (Milano (MI), Italy)

10:00	**Challenging physiology: diaphragmatic dysfunction in respiratory failure** Annemijn Jonkman (Rotterdam, Netherlands)	**3332**
10:15	**Discussion and Q&A** SILVINA CANCIO (madrid, Spain), Annemijn Jonkman (Rotterdam, Netherlands)	**3333**

Auditorium — Session 274 — 10:15 - 11:45

Clinical cases: Lungs on fire: Interstitial lung diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Interstitial lung diseases

Tag(s) : Clinical

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Wim A. Wuyts (Leuven, Belgium), Michael Kreuter (Mainz, Germany)

Discussants : Pilar Rivera Ortega (Exeter, United Kingdom), Vincent Cottin (Lyon, France)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: R.M. Añorve De la O (Mexico)** Pilar Rivera Ortega (Exeter, United Kingdom)	**3334**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: A.C. Perez Figuera (Spain)** Vincent Cottin (Lyon, France)	**3335**

10:59	**Case 3 incl. panel discussion and Q&A - Submitter: A.L. Fonseca (Switzerland)** Pilar Rivera Ortega (Exeter, United Kingdom)	**3336**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: A. Tavares JR (United States of America)** Vincent Cottin (Lyon, France)	**3337**

7A Session 275 10:15 - 11:45

Journal session: The best of the European Respiratory Journal in 2025

Aims : to highlight the key studies published in the European Respiratory Journal (ERJ) in 2024–2025 in the fields of pulmonary vascular disease, interstitial lung disease, paediatrics and airway diseases.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Public health

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational), Respiratory therapist

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Myrofora Goutaki (Bern, Switzerland), Chiara Premuda (Palermo, Italy)

10:15	**The best of the ERJ: pulmonary vascular diseases** Marc Humbert (Le Kremlin-Bicêtre, France)	**3338**
10:30	**The best of the ERJ: interstitial lung disease** Marlies S. Wijsenbeek (Rotterdam, Netherlands)	**3339**
10:45	**The best of the ERJ: paediatric pulmonology** Claudia E. Kuehni (Bern, Switzerland)	**3340**
11:00	**The best of the ERJ: airway diseases** Donald Sin (Vancouver (BC), Canada)	**3341**
11:15	**Discussion and Q&A** All speakers	**3342**

Elicium 2 Session 276 10:15 - 11:45

Symposium: Chronic obstructive pulmonary disease and type 2 inflammation: is it really a treatable trait?

Aims : to discuss the recent findings on type 2 (T2) inflammation in chronic obstructive pulmonary disease (COPD); to explore the future of therapeutic development of T2 immune modulators in COPD.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Imaging

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Francesca Polverino (Houston, United States), Augusta Beech (Manchester, United Kingdom), Apostolos Bossios (Stockholm, Sweden)

10:15	**COPD: pathobiological features supporting the case for a T2 trait** Carlos Cabrera Lopez (Las Palmas de Gran Canaria, Spain)	**3343**
10:30	**Eosinophilic COPD: is it just asthma? Evidence from the clinic and trials** Johann Christian Virchow (Rostock, Germany)	**3344**
10:45	**Beyond eosinophils and T2: conventional culprits and targets in COPD biology** Hsiao-Chi Chuang (Taipei, Taiwan)	**3345**
11:00	**Current and future therapeutic targets in COPD: insights from clinical trials** Mona Bafadhel (London, United Kingdom)	**3346**
11:15	**Discussion and Q&A** All speakers	**3347**

5A Session 277 10:15 - 11:45

Clinical cases: Lungs on fire: Lung cancer?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Thoracic oncology

Tag(s) : Clinical

Chairs : Wouter H. van Geffen (Nijmegen, Netherlands), Marcello Migliore (Catania, Italy), Andriani Charpidou (Athens, Greece)

Discussants : Najib M. Rahman (Oxford, United Kingdom), Anne Olland (Strasbourg, France)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: E. Buck (United Kingdom)** Anne Olland (Strasbourg, France)	**3348**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: S. Kette (United Kingdom)** Najib M. Rahman (Oxford, United Kingdom)	**3349**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: C. Zhang (China)** Anne Olland (Strasbourg, France)	**3350**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: N. Aharoni (Israel)** Najib M. Rahman (Oxford, United Kingdom)	**3351**

5B Session 278 10:15 - 11:45

Hot topics: Prevention in focus: A 360° View from global health to local practice

Aims : to bring together leading voices in global health, economics, and biomedical science and reframe the role of prevention in respiratory health; to explore why prevention must move from aspiration to implementation and how we can get there; to empasize that prevention is no longer optional, but essential; to equip attendees with a multi-dimensional view of prevention: not only why it matters, but how it can be embedded into policy, individual practice, and research; to highlight the urgency of integrating prevention into respiratory health agendas globally, with insights from global health authorities such as the WHO; to examine the economic case for prevention, showing how investments in primary and secondary prevention preventive care can reduce costs and improve population outcomes; to present the latest scientific evidence supporting prevention across the life course — including behavioral, environmental, and biomedical interventions; to spark dialogue and action among clinicians, researchers, policymakers, and stakeholders for the practical implementation of preventive strategies.

Disease(s) : Airway diseases Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Andre F.S. Amaral (London, United Kingdom), Chair to be confirmed

10:15	**Global health in crisis: why prevention must lead the respiratory agenda** JOSE LUIS CASTRO (Neuilly sur Seine, France)	**3352**
10:30	**Prevention pays: the health economics case for respiratory investment** Job F.M. van Boven (Groningen, Netherlands)	**3353**
10:45	**Scientific foundations** Mary Rice (Boston, United States)	**3354**
11:00	**Making prevention a reality: opportunities in daily clinical practice** Joel Kaufman (Seattle, United States)	**3355**

5C Session 279 10:15 - 11:45

Symposium: Repairing the lung: from single cells and tissue organisation to regenerative therapy

Lung Science Conference 2025 session

Aims : to present the highlights of the Lung Science Conference 2025, which was held in Estoril in March 2025 and focused on the mechanisms of lung repair, from single cells and tissue organisation to regenerative therapy, including translation to patient care.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology | Physiology

Tag(s) : Translational

Target audience : Clinical researcher, Medical Student, Physiologist, Scientist (basic, translational)

Chairs : Silke Meiners (Sülfeld, Germany), Didier Cataldo (Liege, Belgium), Sara Cuevas Ocaña (Cambridge, United Kingdom)

10:15	**Coordinated healing: heterotypic cellular interactions in lung injury and repair** Ana Pardo Saganta (Giessen, Germany)	**3356**
10:30	**Human organoids reveal inflammation-mediated effects on alveolar epithelial regeneration** Antonella Dost (Utrecht, Netherlands)	**3357**
10:45	**Translation in regenerative therapies: the use of stem cells** Paolo de Coppi (London, United Kingdom)	**3358**
11:00	**Effects of second-hand cigarette smoke exposure on alveolarization in C57BL/6J mouse pups** Thalles de Freitas Castro (Créteil, France)	**3359**
11:15	**Discussion and Q&A** All speakers	**3360**

5D Session 280 10:15 - 11:45

Symposium: Education in thoracic ultrasound

Yernault lecture

Aims : to provide state-of-the-art overviews of evidence-based medical education, evidence-based training in thoracic ultrasound and thoracic ultrasound of the pleura and lung.

Disease(s) : Respiratory critical care | Respiratory infections | Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Thoracic surgeon

Chairs : Sara Piciucchi (Forlì, Italy), Konstantina Kontogianni (Heidelberg, Germany)

10:15	**Evidence-based training in thoracic ultrasound** Pia Iben Pietersen (Odense C, Denmark)	**3361**
10:30	**State-of-the art thoracic ultrasound: interventions** Maged Hassan (Alexandria, Egypt)	**3362**
10:45	**State-of-the art thoracic ultrasound: pleura** Rachelle Asciak (SIGGIEWI, Malta)	**3363**
11:00	**State-of-the art thoracic ultrasound: lung** Christian Borbjerg Laursen (Odense M, Denmark)	**3364**
11:15	**Discussion and Q&A** All speakers	**3365**

Studio Session 281 10:25 - 10:50

Experts interview: Transforming respiratory care: digital innovations in mental health

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Eleonora Volpato (Milano (MI), Italy), Anna Lavizzari (Milano (MI), Italy)

10:25	**Transforming respiratory care: digital innovations in mental health** SILVINA CANCIO (madrid, Spain)	**3366**
10:40	**Discussion and Q&A** SILVINA CANCIO (madrid, Spain), Annemijn Jonkman (Rotterdam, Netherlands)	**3367**

G104/105 Session 284 10:40 - 13:00

Skills workshop: SW9 SW9 - Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : This skills workshop will help attendees gain the technical expertise needed to perform spirometry, whole body plethysmography and diffusion test according to both best practice and the latest recommendations that are supported by experts in the field; to understand the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; and to learn about the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases Paediatric respiratory diseases

Chairs : Kathryn Ramsey (Perth (WA), Australia)

10:40	**Performing Spirometry** Jana Kivastik (Tartu, Estonia)	**3376**
10:40	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom)	**3377**
10:40	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Monique Wapenaar - De Korver (Vlaardingen, Netherlands)	**3378**
10:40	**Reporting and interpretation of case studies** Maximillian Thomas (Brighton, United Kingdom)	**3379**

G106/107 Session 285 10:40 - 13:00

Skills workshop: SW11 SW11: Practical pulmonary hypertension

Additional registration is required for this session.

Aims : to develop a practical approach for investigating and diagnosing pulmonary hypertension; to develop a systematic approach for interpreting radiological investigations; to discuss the four main echo views and important features of pulmonary hypertension on echocardiography, including hands-on experience with pulmonary hypertension patients and healthy volunteers; to discuss the pathological changes associated with different forms of pulmonary hypertension and how these translate into clinical phenotypes; to discuss right heart catheterisation and how to incorporate clinical, radiological and haemodynamic features in order to make the correct diagnosis.

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Respiratory critical care physician, Pathologist, Physician in Pulmonary Training, Radiologist

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)

10:40	**Radiological assessment of pulmonary hypertension** Lilian Meijboom (Amsterdam, Netherlands)	**3380**
10:40	**Pathological assessment of pulmonary hypertension** Peter Dorfmüller (Giessen, Germany)	**3381**
10:40	**Echocardiography in pulmonary hypertension** Marielle van de Veerdonk (Amsterdam, Netherlands)	**3382**
10:40	**Clinical assessment of pulmonary hypertension** Esther Nossent (Amsterdam, Netherlands)	**3383**

Elicium 1 Session 286 11:00 - 12:15

Oral presentation: Tuberculosis and non-tuberculous mycobacterial diseases: challenges of diagnostics and management

Method(s) : Imaging Epidemiology Public health Cell and molecular biology General respiratory patient care Pulmonary function testing Pulmonary rehabilitation

Chairs : Christoph Lange (Borstel, Germany), Olha Konstantynovska (Kharkiv, Ukraine)

OA3384	**Late Breaking Abstract - Ibuprofen and acetylsalycilic acid as adjunctive to anti-tuberculosis treatment: Phase II clinical trial** Cristina Vilaplana Massaguer (Badalona (Barcelona), Spain), Ziyaad Waja, Nestani Tukvadze, Tumelo Moloantoa, Kennedy Otwombe, Lilibeth Arias, Tamta Korinteli, Nino Gogichadze, Kaori L Fonseca, Ebrahim Variava, Sergo Vashakidze, Neil Martinson	
OA3386	**Diagnosis and treatment of articular TB: An East London case series** Bruno Tanushi (London, United Kingdom), Aris Alexiadis, Rebekah Merriman, Kubra Boza, Akanksha Mimi Malhotra, Veronica White, Heinke Kunst	

OA3387	**One-month rifapentine plus isoniazid for latent tuberculosis: less is more?** Joana Filipe Marques Simões (Lisboa, Portugal), Luís Coelho
OA3388	**Tuberculosis during JAK inhibitors therapy, a WHO pharmacovigilance database study** Thomas Maitre (Paris, France), Kevin Bihan, Nicolas Veziris, Cendrine Godet, Antoine Parrot, Michel Djibre, Benedicte Lebrun-Vignes, Jacques Cadranel
OA3389	**Impact of climate and urbanization on NTM infections: an Italian nationwide case-control study** Paola Faverio (Limbiate (MI), Italy), Lorenzo Del Castello, Maura Spotti, Paola Rebora, Enrico Maggioni, Raffaele Salerno, Alessandro Perotto, Fabrizio Luppi, Francesco Bertuccio, Stefania Reale, Valentina Fornari, Filippo Gozzi, Bianca Granozzi, Federico Dente, Francesca Mariotti, Jacopo Simonetti, Gina Gualano, Niccolò Riccardi, Maurizio Ferrarese, Luigi Codecasa, Giovanni Sotgiu, Andrea Gori, Andrea Gramegna, Margherita Ori, Edoardo Simonetta, Francesco Blasi, Stefano Aliberti
OA3390	**Tigecycline dry powder inhalation to cure Mycobacterium abscessus lung disease: a dose finding study** Jakko van Ingen (Nijmegen, Netherlands), Jelmer Raaijmakers, Simon Koele, Rob Ter Heine, Rob Aarnoutse, Wouter Hoefsloot
OA3391	**PET-CT features predict progression from subclinical TB to symptomatic TB disease, but interferon gamma release assays do not** Jane Shaw (Cape Town (Cape), South Africa), Andriette Hiemstra, Stephanus T Malherbe, Kevin Urdahl, Dave Lewinsohn, Nelita Du Plessis, Gerhard Walzl
OA3392	**Persistent respiratory symptoms and increased reactance among successfully treated Australian TB survivors compared to healthy controls.** Anthony Byrne (Allambie Heights, Australia), Yasmeen Al-Hindawi, Standish Rigava, Usama Mohamed, Breman Janarthanan, Alexander Brennan, Marshall Plit, Sean Mungovan, Meredith King
OA3393	**Measuring post-tuberculosis lung disease treatment efficacy: The need for standardised outcomes in clinical research** Maria Puthoor (LIVERPOOL, United Kingdom), Brian Allwood, Rebecca Nightingale
OA3394	**Nanopore targeted sequencing for the detection of drug-resistant tuberculosis compared to standard of care drug susceptibility testing in Kyrgyzstan** Edine Tiemersma (Den Haag, Netherlands), Aizat Kulzhabaeva, Altyn Iskakova, Gulbarchyn Saparova, Fatima Tilekova, Bakyt Myrzaliev, Muratbek Ahmatov, Aiymgul Duishekeeva, Ainur Soorombaeva, Atyrkul Toktogonova, Meerim Sydykova, Andrii Slyzkyi, Abdullaat Kadyrov, Gulmira Kalmambetova, Kristin Kremer
OA3385	**Discussion and Q&A**

Forum — Session 287 — 11:00 - 12:15

Oral presentation: Oral session from the critical care group

Disease(s) : Respiratory critical care

Method(s) : Respiratory intensive care Epidemiology Public health Cell and molecular biology General respiratory patient care Endoscopy and interventional pulmonology

Chairs : Ana Cysneiros (Lisboa, Portugal), Giancarlo De Leo (Mottola (TA), Italy)

OA3395	**Late Breaking Abstract - Combined histopathology and tissue-based mNGS in invasively ventilated ICU patients: a prospective study** He Yu (chengdu, China), Yun Liu, Shuang Zhao, Qian He, Xue Lin, Ye Wang
OA3397	**Sex-Specific Differences in Risk Factors and Outcomes for Long-Term Mechanical Ventilation: A Longitudinal Cohort Analysis of Claims Data** Franziska Trudzinski (Heidelberg, Germany), Benjamin Neetz, Jana Dahlhoff, Philipp Höger, Axel Kempa, Claus Neurohr, Armin Schneider, Felix Jf Herth, Biljana Joves, Joachim Szecsenyi, Elena Biehler, Thomas Fleischauer, Janina Schubert-Haack, Thomas Grobe, Timm Frerk
OA3398	**Comparative study of Interventions in ICU as HFNC (high flow nasal canula) combined with NIV (non-invasive ventilation) versus HFNC alone in community acquired pneumonia (CAP): A multicenter experience** Shital Vishnu Patil (Latur (Maharashtra), India), Ashok Bansode, Sanidhaya Tak, Swati Narwade, Ganesh Narwade, Gajanan Gondhali, Ashok Kuwal
OA3400	**Switching from Controlled to Assisted Mechanical Ventilation: a Multi-center Retrospective study (SWITCH)** Annemijn Jonkman (Rotterdam, Netherlands), Jim Smit, Jasper Van Bommel, Diederik Gommers, Marcel Reinders, Michel Van Genderen, Jesse Krijthe

OA3401	**The STREPSIS study – therapeutic plasma exchange alleviates 90d-ICU mortality in patients with severe streptococcus-related septic shock** Jannik Ruwisch (Hannover, Germany), Thorben Pape, Lennard C. Wild, Alix Buhlmann, Daniel Andrea Hoffmänner, Emily Winter, Jakob Raith, Pedro Wendel Garcia, Konrad Peukert, Heiko Schenk, Christian Bode, Sascha David, Klaus Stahl, Ben Seeliger
OA3402	**Establishment of Prognostic Models for Severe Community-Acquired Pneumonia, a Prospective, Multicenter, Cohort study** Yijie Liu (Beijing, China), Xiaojing Wu, Qingyuan Zhan
OA3403	**Effect of Nebulized Antibiotics on the Decannulation Process in Tracheostomized Patients in an Intermediate Respiratory Care Unit (IRCU)** Sergio Lopez Ruz (Sevilla, Spain), Paula Otero Chamoso, Andrea Sanchez Alonso, Carlos Carrera Cueva, Maria Barca Hernando, Demetrio González Vergara
OA3404	**Public perceptions of participation in trials in the intensive care unit: an ERS Clinical Research Collaboration international cross-sectional survey across 13 countries** Leanne Hays (Dublin, Ireland), Alex Sherry, Attia Fatima, Kate Ainscough, Aidan Burrell, Nina Gobat, Arishay Hussaini, Kazuaki Jindai, Niamh Mahon, Anne Mckenzie, Emma Ridley, Hiroki Saito, Timo Tolppa, Djillali Annane, Abi Beane, Lieuwe Bos, Andrew Boyle, Kathy Brickell, Frank Brunkhorst, Lewis Campbell, Peter Doran, Marie Galligan, Rashan Haniffa, Madiha Hashmi, Marjolein Hensgens, Nao Ichihara, Monika Kerckhoffs, Sabin Koirala, Radhika Maharjan, Colin J Mcarthur, Paul Mouncey, Rachael Parke, Jane Parker, Kathryn Rowan, Ian Seppelt, Fiona Toal, Cameron Green, Lennie Derde, Anthony Gordon, Srinivas Murthy, John Marshall, Steve Webb, I Icc-Ppi Group, Daniel Mcauley, Alistair Nichol
OA3405	**Bedside prospective identification of ARDS subphenotypes: a multicentre study - an ERS Clinical Research Collaboration** Kiran Reddy (Lisburn, United Kingdom), Cecilia O'Kane, David Antcliffe, Cliona Mcdowell, Pauline Bradley, Laura Black, Lynn Murphy, Manu Shankar-Hari, Anthony Gordon, Murali Shyamsundar, Kevin Delucchi, Pratik Sinha, Carolyn Calfee, Daniel Mcauley
OA3396	**Discussion and Q&A**

3A Session 288 11:00 - 12:15

Oral presentation: Psychological and behavioural dimensions of respiratory innovation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation | Pulmonary function testing

Chairs : Liz Steed (London, United Kingdom), Anke Lenferink (Oldenzaal, Netherlands)

OA3406	**Late Breaking Abstract - Main barriers reported and overcome by people with uncontrolled asthma submitted to a behavioral intervention to increase physical activity** Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Yan De Oliveira, Vitória Cervera, Rosana Agondi, Regina Carvalho-Pinto, David Pinheiro, Celso Carvalho
OA3408	**Predictors of anxiety in patients awaiting pulmonology consultation** Baraa Ben Bdira (Sousse, Tunisia), Khawla Bouguerra, Asma Knaz, Asma Omrane, Iteb Ben Limem, Salsebil Bouafia, Imen Gargouri, Sana Aissa, Ahmed Abdelghani
OA3409	**Podcasts as a tool to support patient participation in hospital consultations: An intervention study** Jannie Frølund (Vejle, Denmark), Anders Løkke, Hanne Irene Jensen, Flemming Skjøth, Helle Poulsen, Ingeborg Farver-Vestergaard
OA3410	**Impact of Illness Perceptions and Expectations on Adherence in Interstitial Lung Diseases: A Mixed-Methods Multicenter Study** Eleonora Volpato (Milano (MI), Italy), Agata Alba Maria Domenica Buscemi, Marco Mantero, Paolo Banfi
OA3411	**Examining SABA over-reliance in individuals with asthma** Holly Foot (Woolloongabba, Australia), Ruochen Ning, Pepa Bruce, Richard Beasley, Rob Horne, Amy Hai Yan Chan
OA3412	**Effects of an educational intervention for workplace related asthma self-management** Markus Hayden (Bad Reichenhall, Germany), Julia Salandi, Matthias Limbach, Gabriele Schwarzl, Wolfgang Neumeister, Adrian Loerbroks
OA3413	**Why we keep going: a qualitative study of the motivation and engagement among patients with COPD during a long-term danish tele-rehabilitation program** Maria Olsen (Næstved, Denmark), Christina Nielsen, Christina Emme, Nina Skavlan Godtfredsen, Henrik Hansen

OA3414	**The daily labour of living with chronic obstructive pulmonary disease (COPD): An ethnographic study** Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Kirsti Loughran, Alice Franklin, Caroline Fernandes-James, Joanne Symm, Andrew Fisher, Sophie Suri, Eileen Kaner, Denis Martin, Jamie Mcphee, Tim Rapley
OA3415	**Exploring the acceptability and usability of 'life-logging' methodology in respiratory research** Ingeborg Farver-Vestergaard (Vejle, Denmark), Sinué Salgado, Daniel Munkholm Møller, Lisbeth Skousen Svendsen, Ole Hilberg, Anders Løkke
OA3416	**Comparing Ecological Momentary Assessment and questionnaires for rating symptoms in patients with COPD** Banchia Palmen (Horn, Netherlands), Maarten Van Herck, Yvonne Goërtz, Zjala Ebadi, Qichen Deng, Melissa Thong, Chris Burtin, Jeannette Peters, Roy Sprooten, Erik Bischoff, Emiel Wouters, Jan Vercoulen, Sarah Houben-Wilke, Daisy Janssen, Martijn Spruit, Anouk Vaes
OA3407	**Discussion and Q&A**

3B Session 289 11:00 - 12:15

Oral presentation: Translating in the "omics" milky way of lung cancer

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Surgery

Chairs : Torsten Gerriet Blum (Berlin, Germany), Merel Hellemons (Rotterdam, Netherlands)

OA3417	**Late Breaking Abstract - High level of Prevotella melanogenic in the lower respiratory microbiota of Checkpoint inhibitor pneumonitis and radiation pneumonitis** Xueling Wu (shanghai, China), Jiajun Chen
OA3419	**Establishment of a mouse model to investigate the therapeutic potential of focal adhesion kinase inhibition in small cell lung cancer** Céline Decouvreur (Bruxelles, Belgium), Marylène Lecocq, Frank Aboubakar Nana, Sebahat Ocak
OA3420	**Identification of the phosphoproteome downstream of focal adhesion kinase inhibition in small cell lung cancer** Céline Decouvreur (Bruxelles, Belgium), Marylène Lecocq, Sébastien Pyr Dit Ruys, Laurent Gatto, Didier Vertommen, Frank Aboubakar Nana, Sebahat Ocak
OA3421	**A Novel Flavonoid Derivative JW6 Suppresses Non-small Cell Lung Cancer Progression Via Activating Mitochondrial Apoptosis And Inhibiting PI3K/Akt/mTOR Pathway** Yuting Lin (Wenzhou City, China), Chengshui Chen
OA3422	**The new mechanism of targeted regulation of tumor angiogenesis by overexpressed miR - 197 - 3p in exosome s derived from lung adenocarcinoma** Wenhui Tang (Shenzhen, China)
OA3423	**Immunomodulatory properties of cancer-associated fibroblasts in non-small cell lung cancer: studies in a 3D lung tumor model** Janne Drews (Magdeburg, Germany), Carla Bever, Thorsten Walles, Cornelia Wiese-Rischke
OA3424	**Neutrophil Extracellular Traps promote the development of lung inflammation-cancer through FOS/AP-1 pathway** Tianfeng Peng (Hangzhou, China), Kaijun Chen, Fei Chen, Danruo Fang, Huaqiong Huang
OA3425	**Exploring the impact of the fibrotic microenvironment on lung tumors using a 3D multicellular spheroid model** Marina Tuxans Serrano (Badalona, Spain), Isabel Alfaya Fiaño, Paloma Millan-Billi, Maria Saigi, Raquel Guillamat Prats, Karina Portillo Carroz
OA3426	**Talaporfin-Mediated Photodynamic Therapy Enhances Antitumor Immunity via the ROS/HIF-1α/PD-L1 Pathway in Non-Small Cell Lung Cancer** Zhou Jin (Beijing, China), Junjun Huang, Wen Sun, Jiping Liao, Jing Ma, Guangfa Wang
OA3427	**Synergistic cytotoxic effects of BromAc® on non-small cell lung cancer cell lines.** David L. Morris (, Australia), Jain Camlina Jeganathan, Samina Badar, Javed Akhter, Mathew Eapen, Sarah J Valle
OA3418	**Discussion and Q&A**

Amtrium Session 290 11:00 - 12:15

Oral presentation: Infection, inflammation and innovation: new frontiers in paediatric respiratory health

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Public health

Chairs : Stefan Unger (Edinburgh (Edinburgh), United Kingdom), Nadine Freitag (Krefeld, Germany)

OA3429	**Primary ciliary dyskinesia (PCD) patients with variants in dynein arm assembly factor genes may present with normal functional tests: a diagnostic challenge resolved by air-liquid interface (ALI) culture.** Janice Coles (Southampton (Hampshire), United Kingdom), Claire L Jackson, Gemma Fryatt, Regan Doherty, James Thompson, Patricia Goggin, David Hunt, N. Simon Thomas, Woolf T Walker, Jane S Lucas	
OA3430	**Comparison of Lower Airway Sampling Strategies in Children with Protracted Bacterial Bronchitis (CLASSIC-PBB)** Francis Gilchrist (Stoke-on-Trent (Staffordshire), United Kingdom), Mathew Aspey, Zoe Baker, Robert Bowler, Malcolm Brodlie, Desai Seema, Caroline Harris, Emily Hinton, Hermant Kulkarni, Simon Lea, Aviva Ogbolosingha, Ian Sinha, Ivonne Solis-Trapala, Joanne Stock, William Carroll	
OA3431	**Genomic epidemiology of the macrolide resistant Mycoplasma pneumoniae outbreak in China, 2023** Chao Yan (Beijing, China), Jinghua Cui, Hanqing Zhao, Guanhua Xue, Yanling Feng, Jing Yuan	
OA3432	**Epigenetic signatures of severe RSV infection in infants: evidence from non-invasive saliva samples** Sara Pischedda (Santiago de Compostela, Spain), Alberto Gómez-Carballa, Irene Rivero-Calle, Ana Isabel Dacosta Urbieta, Antonio Salas, Federico Martinón Torres	
OA3433	**A paradigm shift in post-bronchiolitis recurrent wheezing: the dual impact of COVID-19 and Nirsevimab** Maria Teresa Romero Rubio (Valencia, Spain), Yolanda Mañes Jiménez, María Sinisterra Pérez, Elena Lucas Sáez, Blanca Garrido García, Esther Marín Alfonso, Juan Carlos Jurado Portero, Inés Costa Alcacer	
OA3434	**A novel antiviral treatment that eliminates human metapneumovirus in human airway epithelial cells** Ivana Daniels (Indianapolis, United States), Jessica Saunders, Laura Smith, Andrew Lunel, Taiya Edwards, Benjamin Gaston, Michael Davis	
OA3435	**Severe Mycoplasma pneumoniae Pneumonia and Mental Health Disorders in Adolescents: A Population-Matched Cohort Study With 18-Year Follow-Up From Birth** Eun Kyo Ha (Seongnam, Republic of Korea), Ju Hee Kim, Jiwon Shin, Ha Na Yoo, Boeun Han, Man Yong Han	
OA3436	**Identification of Drug Resistance Patterns and Genotypic Variations in Pediatric Tuberculosis Patients** Sushma Yadav (Gwalior, India), Parul Jain, Surya Kant, Amita Jain, Rashmi Ratnam, Manu Singh, Urmila Singh	
OA3437	**Acute Respiratory Infection Control Program: A case from Nepal** Prabin Shrestha (Kathmandu, Nepal)	
OA3438	**Prophylactic Antibiotics to prevent chest infections in children with neurological impairment (PARROT): A randomised controlled trial** Paul McNamara (Liverpool (Merseyside), United Kingdom), Amy Nuttall, Ashley Jones, Anne Chang, Anne Cook, Kylie Crompton, Sepideh Dehghani, Helen Eccleson, Jo Fothergill, Jonathan Grigg, Paul Gringras, Adrienne Harvey, Michelle Heys, Helen Hickey, Dyfrig Hughes, Gabrielle Mccallum, Ian Brent Masters, Kim Mclennan, Christopher Morris, Jeremy Parr, Yankier Pijeira Perez, Dinah Reddihough, Calumn Semple, Hayley Smallman, Mandy Wan, Katrina Williams, Paula Williamson	
OA3428	**Discussion and Q&A**	

Studio — Session 291 — 11:05 - 11:50

Pro-Con debate: Should we use inhaled corticosteroids in children with bronchopulmonary dysplasia?

Aims : to discuss the clinical benefits versus disadvantages of treating children with bronchopulmonary dysplasia with inhaled steroids; to discuss the criteria for selecting the population to be treated with inhaled steroids among children with bronchopulmonary dysplasia; to describe the criteria to assess treatment effectiveness; to compare and contrast different treatment regimens, including molecules, doses, intervals and durations.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Physiology | Pulmonary function testing | Respiratory intensive care

Tag(s) : Clinical

Target audience : General practitioner, Respiratory critical care physician, Paediatrician, Respiratory physiotherapist, Respiratory therapist

Chairs : Lieuwe D.J. Bos (Amsterdam, Netherlands), Anna Lavizzari (Milano (MI), Italy)

11:05	**Should we use inhaled corticosteroids in children with bronchopulmonary dysplasia? Pro** Sailesh Kotecha (Cardiff (South Glamorgan), United Kingdom)	**3439**
11:20	**Should we use inhaled corticosteroids in children with bronchopulmonary dysplasia? Con** Shannon Simpson (Perth (WA), Australia)	**3440**

11:35	**Discussion and Q&A** All speakers	**3441**

PS-1 Session 300 12:30 - 14:00

Poster session: Respiratory infections: current challenges and future directions

Disease(s) : Airway diseases Thoracic oncology

Method(s) : General respiratory patient care Epidemiology Respiratory intensive care Public health Imaging Endoscopy and interventional pulmonology Surgery Cell and molecular biology

Chairs : Laura Fregonese (London, United Kingdom), Chair to be confirmed

PA3475	**Characterization of Diagnosed Streptococcus pneumoniae Serotypes in COPD Patients** Rano Nalibaeva (Tashkent, Uzbekistan), Irina Liverko
PA3476	**Looking Beyond Flu: Superadded Infections in Influenza Patients** Raja Dhar (Kolkata (West Bengal), India), Beauty Biswas, Amrita Bhattacharyya, Arup Halder, Shyam Krishnan, Arun Pankaj, Diptendu Dey
PA3477	**The risk of acute exacerbations of chronic obstructive pulmonary disease following acute myocardial infarction** Freddy Frost (Liverpool, United Kingdom), Mert Kaskal, Tommaso Bucci, S.H.M. Lam, Gregory Lip
PA3478	**Risk of Acute Exacerbation of Chronic Obstructive Pulmonary Disease after COVID-19 Recovery: A Nationwide Population-based Cohort Study** Hyun Lee (Seoul, Republic of Korea), Sang Hyuk Kim, Cheon Woong Choi, Youlim Kim, Ji-Yong Moon, Kwang Ha Yoo, Young Whan Kim, Min Ji Kim, Jong Seung Kim, Kyung Hoon Min
PA3479	**Diagnostic Value and Safety of EBUS Combined with Q-mNGS in Nonresolving or slowly resolving pneumonia: A Large-scale Cohort Study** Qiquan Zhao (chongqing, China), Shuliang Guo
PA3480	**Leukocyte profile in Mycoplasma pneumonia: A Retrospective Observational Study** Jahanara Rahman (Dubai, United Arab Emirates), Beena Thomas
PA3481	**Factors influencing hospital length of stay in patients with pneumonia: a retrospective one-year study** Maria Arminio (Pavia, Italy), Marianna Russo, Lucrezia Pisanu, Klodjana Mucaj, Lorenzo Arlando, Simone Montini, Elisabetta Gallo, Ilaria Giana, Emanuela De Stefano, Mitela Tafa, Francesco Rocco Bertuccio, Valentina Conio, Giulia Maria Stella, Angelo Guido Corsico
PA3482	**Machine Learning for COVID-19 Risk Prediction: Vaccination as a Cornerstone for Better Outcomes** Caner Çınar (istanbul, Turkey), Murat Özdede, Zehra Yücel, Zeynep Özge Öztürk, Betül Sena Günay, Mine Durusu Tanrıöver, Sait Karakurt
PA3483	**Can we rely on CRP as a severity criteria for eCOPD?** Bohdana Basina (Dnipropetrovsk, Ukraine), Nataliia Kravchenko, Tetiana Kirieieva
PA3484	**Does serum C-reactive protein to albumin ratio in patients with community-acquired pneumonia (CAP) represent a new challenge in clinical practice?** Radmila Dmitrovic (Belgrade, Republic of Serbia), Biljana Lazovic
PA3485	**A cross-sectional study explores associations between pertussis and asthma among children in rural areas** Lang Cuicui (Chongqing, China)
PA3486	**Oxidative and antioxidative stress markers in community-acquired pneumonia associated with chronic heart failure.** Valentin Calancea (Chisinau, Codru, Republic of Moldova), Virginia Cascaval, Elena Calancea, Sergiu Matcovschi, Mariana Dumitras, Diana Fetco-Mereuta, Tatiana Dumitras
PA3487	**Pulmonary actinomycosis mimicking malignancies: clinical, radiological, and therapeutic features.** yasmine Hammami (tunis, Tunisia), Souhaib Atri, Imen Bouassida, Amina Ben Abdelkbir, Mariem Hadj Dahmen, Mehdi Abdennadher, Sarra Zairi, Hazem Zribi, Adel Mereghli, Jaber Chaker
PA3488	**Quantitative CT parameters and clinical data combined with machine learning to predict post-acute sequelae of SARS-CoV-2** Min Zhou (Shanghai, China), Zhao Qian
PA3489	**The impact of COVID-19 non-pharmaceutical interventions on infectious disease epidemiology in Korea: Insights into the immune debt hypothesis** Ji Soo Park (Seoul, Republic of Korea), Narin Park, Kyunghoon Kim, Eun Lee, Hyeon-Jong Yang, Jinho Yu

PA3490 **Practice patterns of hospitalized empyema patients and their outcomes in the USA**
Ali Iqbal (Bensalem, United States), Saikou Saidy, Saqib Baig

PA3491 **Prevalence, phenotype and clinical course of virus PCR positive severe acute exacerbations of chronic obstructive pulmonary disease (SAE)**
Nathan Piette (Mornimont, Belgium), Marc Bourgeois, Eric Marchand

PA3492 **Single-cycle vaccine outcompetes mRNA vaccination with transmission-blocking mucosal immunity**
Fabian Otte (Basel, Switzerland), Jacob Schön, Nico Joel Halwe, Enja Kipfer, Tobias Britzke, Angele Breithaupt, Lorenz Ulrich, Jana Kochmann, Björn Corleis, Thomas Klimkait, Martin Beer, Donata Hoffmann, David Hauser

PA3493 **Exacerbation of chronic obstructive pulmonary is associated with further emergency department visits**
Terttu Harju (Oulu, Finland), Anna-Maria Hiltunen, Riikka-Leena Leskelä, Lalli Nurmi, Saana Saltevo

PA3494 **Comparative utility of the RAPID score and APACHE II score in prognostic stratification of pleural infection**
Sabrine Majdoub Fehri (Nabeul, Tunisia), Oumayma Aggouni, Anis Werghemmi, Asma Fattoumi, Hamida Kwas

PS-10 Session 301 12:30 - 14:00

Poster session: Environmental exposures and extracellular matrix dynamics: impacts on lung health

Disease(s) : Airway diseases Thoracic oncology Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Physiology

Chairs : Tania Maes (Ghent, Belgium), Chair to be confirmed

PA3495 **Impact of bushfire smoke extract on macrophage function and inflammation: Implications for respiratory health**
Patrick Asare (Adelaide, Australia), Anthony White, Hazel Quek, Fabienne Reisen, Hubertus Jersmann, Paul Reynolds

PA3496 **Synergistic impact of iron and cigarette smoke on mitochondrial lipid peroxidation-induced ferroptosis**
Kanika Saxena (Gothenburg, Sweden), Jenny Horndahl, Karin Ribbing, Annika Wellner, Linda Yrlid, Henric Olsson, Suzanne Cloonan, Adam Platt, Zala Jevnikar

PA3497 **Deleterious effects of microplastics and nanoplastics on rodent lungs: a systematic review**
Bruno Henrique Couto Oliveira (Presidente Prudente, Brazil), Crystian Bitencourt Soares De Oliveira, Gabriela Fávaro Da Silva, Renata Calciolari Rossi

PA3498 **Targeting Bach1 and Keap1 to ameliorate oxidative stress-induced pulmonary inflammation and epithelial barrier breakdown**
Dimitrios Zervas (London, United Kingdom), James Pinkerton, Thomais Markou, Mark Freeman, Pernilla Grundevik, Maria Belvisi, Mark Birrell

PA3499 **Association of P2Y6 receptor level with lung remodeling and cardiopulmonary function in a murine model of COPD**
Andrea Méndez (Santiago, Chile), Marcelo Fonseca, Joan Orellana, Mauricio Herníquez, Mario Chiong, David Silva, Tamara Jiménez, Emilio Herrera, Jorge Toledo, Luis Peñailillo, Cristian Campos

PA3500 **Impaired respiratory health induced by cannabis smoking is associated with a sparse airway epithelium and elevated MUC5AC expression**
Carolyn Wang (Vancouver, Canada), Gurpreet Singhera, Cassie Gilchrist, Clarus Leung, Xuan Li, Rachel Eddy, Firoozeh Gerayeli, Tawimas Shaipanich, Don Sin, Janice Leung

PA3501 **Abl inhibition improves endothelial repair by enhancing VEGFR2 Y1175/ERK signalling**
Xiao-Qing Sun (Amsterdam, Netherlands), Wen-Jun He, Yousuke Wada, Xiaoke Pan, Anton Vonk-Noordergraaf, Harm-Jan Bogaard, Jurjan Aman

PA3502 **PULMONARY ARTERY REMODELING IN CENTRILOBULAR AND PANLOBULAR EMPHYSEMA: A MORPHOMETRIC ANALYSIS**
Graziella Turato (Padova (PD), Italy), Erica Bazzan, Maria Conti, Simonetta Baraldo, Giorgia Puddu, Marina Saetta, Manuel G Cosio

PA3503 **Cigarette Smoke Drives Polystyrene Nanoparticles-Associated Airway Epithelial Damage**
Davida Mirra (Caserta, Italy), Yiannis De Meersman, Giuseppe Spaziano, Renata Eposito, Francesca Panico, Ken Bracke, Tania Maes, Bruno D'Agostino

PA3504 **MEOX2-mediated epigenetic remodelling of lung epithelial cells in COPD and lung malignancy**
priscila pineda villegas (groningen, Netherlands), Irene Heijink, Federico Avila-Moreno

PA3505 **Structural and Elemental Alterations in Bronchi: Insights into Aging, Smoking, and COPD Progression**
Linda Elowsson (Lund, Sweden), Arturo Ibáñez-Fonseca, Tom Delaire, Bryan Falcones, Nils Norlin, Jaro Ankerst, Ellen Tufvesson, Jonas S. Erjefält, Leif Bjermer, Gunilla Westergren-Thorsson

PA3506	**Enhancing innovative therapies for pulmonary infections through liposomal encapsulation of tobramycin against Pseudomonas aeruginosa** Juliana Carrillo Romero (Zamudio (Bizkaia), Spain), Laura Fernández Mendez, Ibai Nafarrate, Gartze Mentxaka, Adrián García-Salvador, Jesús Ruiz-Cabello, Susana Carregal Romero, Felipe Goñi-De-Cerio
PA3507	**Respiratory viruses cause ferroptosis features in lung epithelial cells** Ana Laura Manzano Covarrubias (Groningen, Netherlands), Melissa Mol Van Der Veen, Amalia Dolga, Karim Rafie, Martina Schmidt
PA3508	**WISP1: A Key Player in COPD Inflammation and Autophagy** Maria Elpida Christopoulou (Freiburg im Breisgau, Germany), Eleni Papakonstantinoz, Sebastian Friedrich, Wolfram Meschede, Daiana Stolz
PA3509	**Impaired lung epithelial repair responses upon mitochondrial dysfunction** Kingsley Okechukwu Nwozor (Groningen, Netherlands), Priscila Pineda Villegas, Lei Wang, Marnix Jonker, Marissa Wisman, Sven Manse, Ramon Langen, Harry Gosker, Irene Heijink
PA3510	**Delineating the molecular mechanism of caffeine in bronchopulmonary dysplasia.** Emily Cash (Nottingham, United Kingdom), Amanda Tatler, Amanda Goodwin, Jillian Baker, Nancy Gomez, Prince Laryea
PA3511	**The effects of long-term low-dose PM2.5 exposure on human bronchial epithelial cells and lung cancer cell lines** Meng Wang (Sydney, Australia), Richard Kim, Maija Kohonen-Corish, Hui Chen, Chantal Donovan, Brian Oliver
PA3512	**Pulmonary Osteoclast-Like Cells Contribute to Asbestos-Induced Pulmonary Fibrosis** Yusuke Tanaka (Sapporo, Japan), Lori B. Pitstick, Huixing Wu, Yoshihiro Hasegawa, Yuki Takahashi, Elizabeth J. Kopras, Hirofumi Chiba, Francis X. Mccormack
PA3513	**LSC - 2025 - Extracellular matrix mechanical modulation of lung mesenchymal stromal cells improves the capacit y for supporting tissue repair in COPD** Lei Wang (Groningen, Netherlands), Jeroen Leijten, Dirk-Jan Slebos, Marissa Wisman, Marnix Jonker, Thomas Van Gansbeke, Jos Olijve Olijve, Janette K. Burgess, Irene Heijink
PA3514	**LSC - 2025 - A bioengineered extracellular matrix reverts disease phenotype in COPD fibroblasts** Arturo Ibáñez Fonseca (Lund, Sweden), Lykke Eskilsson, Linda Elowsson, Göran Dellgren, José Carlos Rodríguez-Cabello, Gunilla Westergren-Thorsson

PS-11 Session 302 12:30 - 14:00

Poster session: Mechanisms of accelerated ageing in lung diseases and anti-ageing interventions

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Epidemiology | Public health | Cell and molecular biology | Imaging | Respiratory intensive care

Tag(s) : Translational

Chairs : Tamara Blake (South Brisbane, Australia), Mareike Lehmann (Marburg, Germany)

PA3515	**Establishing a robust model for TGFβ induced endothelial damage and its translation to chronic lung disease** Vanessa Ho (London, United Kingdom), Shuo Wong, Jasmin Sidhu, Jiahui Dong, Daisy Gresham, Karen Nyga, Jack Houghton, Jianan Lu, Aaron Braddy-Green, Mairi Macleod, Jadwiga Wedzicha, Anna A Randi, Louise E Donnelly, Peter J Barnes, Charis Pericleous, Koralia Paschalaki
PA3516	**Accelerated epigenetic age in Bronchiectasis** Pau Marrades Segura (Badalona (Barcelona), Spain), Sandra Casas-Recasens, Lidia Perea, Belen Solarat, Julieta Viglino, Rosanel Amaro, Pilar Martinez-Olondris, Alvar Agustí, Oriol Sibila, Rosa Faner
PA3517	**Increased immunosenescence leads to airway remodeling in COPD** Irfan Rahman (Rochester, United States), Gagandeep Kaur
PA3518	**cGAS-STING signaling pathway is involved in IL-17A-induced Cellular Senescence and lung fibrosis** Irfan Rahman (Rochester, United States), Sadiya Shaikh
PA3519	**A novel ECM human lung proteome atlas of healthy aging and COPD.** Delphine Beaulieu (Pittsburgh, United States), Joanna Bons, Eileen Liu Huang, Mark A. Watson, Jacob P. Rose, Christina D. King, John Sembrat, Oliver Eickelberg, Birgit Schilling, Melanie Koenigshoff
PA3520	**BCLXL-PROTAC as a senolytic therapy in COPD alveolar type II cells** Yiling Guo (London, United Kingdom), Peter Fenwick, Louise Donnelly, Peter Barnes
PA3521	**Senolytic Targeting of Airway Epithelial Senescence Disrupts Type 2 Inflammatory Signaling: A Preclinical Strategy for Refractory Asthma Treatment** Jian Wu (Guangzhou (Guangdong), China), Xiaoyang Liao, Zhe Qian

PA3522 **Anti-fibrotic and anti-senescent effects of telomerase modRNA in human pulmonary fibrosis**
Christina Hesse (Hannover, Germany), Jia Li Ye, Klaudia Grieger, Kevin Schmidt, Patrick Zardo, Christopher Werlein, Katherina Sewald, Shambhabi Chatterjee, Christian Bär

PA3523 **Effects of Nerandomilast on Alveolar Type 2 Cell Senescence and Fibrosis-Related PATS Accumulation in Pulmonary Fibrosis**
Shun Inukai (tokyo, Japan), Masahiro Yoshida, Saburo Ito, Tomoya Maruyama, Kosuke Miyamura, Saiko Nishioka, Sachi Matsubayashi-Hosokawa, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

PA3524 **Prophylactic quercetin attenuates pulmonary fibrosis via ferroptosis-resistant priming of alveolar epithelial cells**
Lu Yin (Nanchang, China), Yang Qiao, Xie Cheng

PA3525 **Cellular senescence in an aged murine bleomycin-induced pulmonary fibrosis model.**
Maya Renfrew (Cambridge, United Kingdom), Joseph Lee, Natasha Scott, Stephen Jordan, Monica Ayine, Ling Li, Alice Ghidini, Ben Lee, Lorna Harries, Tim S Schmidt

PA3526 **Premature alveolar epithelial and endothelial ageing with vascular muscularization after neonatal oxidative stress is associated to dysregulation of NOTCH3 and NOTCH4 activity**
Mohammad Amin Mahjoub (Giessen, Germany), Stephanie Stephan, Ivana Mižik, Alex Claveria Cabello, Oleksiy Klymenko, Dharmesh Hirani, Chaitra Pujari, Christina Vohlen, Margarida Barroso, Alejandro Egea-Zorrilla, Anoop Cherian, Werner Seeger, Soni Savai-Pullamsetti, Susanne Herold, Ana Pardo-Saganta, Miguel Angel Alejandre- Alcázar

PA3527 **Assessing Smoking-Related Age Acceleration and the Role of Diet: A Cross-Sectional Study Using Epigenetic Clocks**
Azaan Zaki (LONDON, United Kingdom), Ian Mudway, Oliver Robinson

PA3528 **The Role of TFEB in IPF Pathogenesis: Regulation of Alveolar Type II Epithelial Cell Stemness**
Tomoya Maruyama (Tokyo, Japan), Masahiro Yoshida, Kosuke Miyamura, Shun Inukai, Saiko Nishioka, Sachi Matsubayashi-Hosokawa, Saburo Ito, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

PA3529 **Inhibition of senescence-associated β-Galactosidase by Amiloride in senescent airway epithelial cells**
Shyreen Hassibi (London, United Kingdom), Jonathan Baker, Kazuhiro Ito

PA3530 **The impact of oxidative stress on the development of bronchopulmonary dysplasia in pretern infants**
Adelina Procopi (Chisinau, Republic of Moldova), Svetlana Sciuca, Olga Tagadiuc, Mariana Filimon-Ceahlău, Aliona Cotoman, Rodica Selevestru, Eva Gudumac

PA3531 **Endothelial senescence as a key driver of COPD-Induced Pulmonary Hypertension**
Huilin YU (Chongqing, China), Ke Liao, Hong Chen

PA3532 **Lifetime small airways function trajectories: early life risk factors and future COPD**
Jiacheng Liu (Melbourne, Australia), Jennifer Perret, Caroline Lodge, Don Vicendese, Sabrina Idrose, Adrian Lowe, Jonathan Pham, Alan James, Garun Hamilton, Iain Feather, Seif Shaheen, John Holloway, Cecilie Svanes, Michael Abramson, Haydn Walters, Shyamali Dharmage, Dinh Bui

PA3533 **Effect of the novel senolytic drug, BCL-xL-PROTAC, on small airway fibroblasts in COPD**
Justine Devulder (London, United Kingdom), Peter Fenwick, May Al-Sahaf, Patrizia Viola, Neetu Razdan, Raphael Lemaire, Lina Odqvist, Louise Donnelly, Peter Barnes

PA3534 **Investigating How Telomere-Related Mutations Influence iPSC Reprogramming in a Model of Short Telomere Associated Pulmonary Fibrosis.**
Amy Duffy (Dublin, Ireland), Xi Jing Teoh, Wan Lin Ng, Aoife Carolan, Mari Ozaki, Killian Hurley

PS-12 Session 303 12:30 - 14:00

Poster session: Exploring fundamental pathophysiological aspects of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Epidemiology Physiology Pulmonary function testing General respiratory patient care Public health Cell and molecular biology

Chairs : Lucia Pinilla (Adelaide, Australia), Anne Briançon-Marjollet (Grenoble Cedex 9, France)

PA3535 **PCSK9 as a new player in intermittent hypoxia-induced vascular alterations**
Marc-Adrien Reveyaz (La Tronche, France), Alejandro Arco-Hierves, Antoine Boutin-Paradis, Renaud Tamisier, Sébastien Bailly, Van Ngo, Jean Louis Pépin, Anne Briançon-Marjollet

PA3536 **Supine hyperinflation and expiratory flow limitation are associated with respiratory arousals and nocturnal hypoventilation in COPD.**
Meera Srinivasan (Canberra, Australia), David Touma, Kaj Blokland, Kieran Patel, Katrina Tonga, David Chapman, Andrew Chan, Peter Cistulli, Gregory King

PA3537	**A novel modelling approach for endotyping.** Margaux Blanchard (Sainte-Gemmes-sur-Loire, France), Venkata Koka
PA3538	**Fibrinogen is an independent hypoxic stress marker in obstructive sleep apnea** Masako Ueyama (Tokyo, Japan), Mototsugu Nagao, Akira Asai, Shinichi Oikawa, Hiroshi Kimura
PA3539	**Monocyte subpopulations in obstructive sleep apnea are linked to disease severity and endothelial dysfunction** David Sanz Rubio (Zaragoza, Spain), Jorge Rodríguez Sanz, Marta Marín Oto, Javier Errasti, Victoria Gil, Pablo Cubero, Myriam Ruiz, Raquel Langarita, Aaron Garrido, Beatriz Herrero, Sergio Alarcón, Aura Maldonado, Elisabet Vera, Teresa Martín Carpi, Juan Antonio Domingo, José M. Marín
PA3540	**AI-Driven Polysomnography: Enhancing Sleep Apnoea Diagnosis with Automated Analysis** Andreas Hoheisel (Freiburg, Germany), Matthias Mau, Werner Strobel, Dagmar Düsterhöft, Ivan Cherrez-Ojeda, Matthias Josef Herrmann, Andrei M. Darie, Michael Ambros, Matthias Wieber, Samuel Rupprechter, Michael Tamm, Daiana Stolz
PA3541	**Novel ex vivo model for studying the neuronal synaptic response in precisely cut brain tissue slices subjected to intermittent hypoxia** Alicia Jurado (Barcelona, Spain), Anna Pérez-González, Ramon Farré, Xavier Gasull, Isaac Almendros
PA3542	**The role of arousal threshold and obesity in characterization of Obstructive Sleep Apnea** Giulio Trono (Foggia, Italy), Donato Lacedonia, Giulia Scioscia, Roberto Sabato, Piera Soccio, Liliana Calabrese, Giuseppe Palmieri, Mirka Mariani, Matteo Pio Natale, Francesco Traversa, Annarita Depalo, Maria Pia Foschino Barbaro, Pasquale Tondo
PA3543	**A Machine Learning-Based Screening Model for Obstructive Sleep Apnea Diagnosis and Severity Prediction** Neslihan Özçelik (Rize, Turkey), Emre Bendeş, Ali Erdem Özçelik, Elvan Şentürk Topaloğlu, Songul Ozyurt, Mehmet Karadağ, Özge Aydın Güçlü, Merve Nur Yıldız, Hadice Selimoğlu Şen, Nur Aleyna Yetkin, Burcu Baran Ketencioğlu, Önder Öztürk, Hilal Türkmen Kaya, Nurhan Sarıoğlu, Mustafa Çolak, Muhammed Emin Akkoyunlu, Abdullah Kansu, Abdurrahman Kotan, Fatma Gülsüm Karakaş, Yılmaz Bülbül, Sibel Doğru, Aziz Gümüş, Gizem Özçıbık Işık, Ömer Topaloğlu, Bilge Yilmaz Kara, Ünal Şahin
PA3544	**Elevated Bisphenol A and IL-17A Levels in Obstructive Sleep Apnea: A Link Between Environmental Exposure and Systemic Inflammation** Ahmet Ursavaş (Bursa, Turkey), Ozge Aydin Guclu, Nilüfer Aylin Acet Öztürk, Anıl Özgür, Ayşenur Yentur, Emre Sarandöl, Mehmet Karadağ
PA3545	**Up-regulation of Klf2 Expression: A Potential Therapeutic Strategy for Microglial-mediated Neuroinflammation Induced by Intermittent Hypoxia** Chong Xu (Tianjin, China), Yu Shi, Jing Zhang
PA3546	**Inflammation-related molecular and epigenetic analyzes in obstructive sleep apnea patients: Activin A, TGFBR2 and miR-139-5p** Özge Oral Tapan (Mugla, Turkey), Utku Tapan, Cemil Burak Boz, Sabri Serhan Olcay, Cilem Özdemir, Murat Cenik, Tuba Edgunlu
PA3547	**The Effect of Submental Transcutaneous Electrical Stimulation on Blood Pressure in Patients with Obstructive Sleep Apnoea** Ahmed Almaghrabi (London, United Kingdom), Asim Madkhali, Mohammed Alkhathami, Cheng Zhang, Abdulaziz Alsharifi, Gerrard F Rafferty, Joerg Steier
PA3548	**Microplastics and airway inflammatory profile in obstructive sleep apnea** Thais Mauad (São Paulo (SP), Brazil), Luís Fernando Amato-Lourenço, Regiani Carvalho-Oliveira, Caroline Faria, Kristine Cahali, Leila Antonagelo, Michel Cahali
PA3549	**Alpha-1 antitrypsin deficiency and risk of sleep apnea: A nationwide cohort study** Lucas Møller Larsen (Køge, Denmark), Sine Voss Winther, Asbjørn Kørvel-Hanquist, Sarah Caroline Weisenfeldt Marott, Eskild Morten Landt, Preben Homøe, Børge Grønne Nordestgaard, Morten Dahl
PA3550	**Impact of Body Mass Index on OSA Severity: A Tunisian Single-Center Study** Rania Nakhli (Kairouan, Tunisia), Islam Mejri, Houssem Messaoudi, Samira Mhamdi, Salsabil Dabboussi, Chiraz Aichaouia, Zied Moetamri
PA3551	**Fractional Exhaled Nitric Oxide Levels in Patients with Obstructive Sleep Apnea Syndrome and the Effect of Positive Airway Pressure (PAP) Therapy on Fractional Exhaled Nitric Oxide Levels** Sermin Börekçi (Istanbul, Turkey), Tamer Alhelou, Buket Calıskaner Ozturk, Nejdiye Gungordu, Ersan Atahan
PA3552	**Home Blood Pressure Trajectories During 6 Months Of Continuous Positive Airway Pressure Therapy** Ophélie Coiffier (La Tronche, France), Sébastien Bailly, Marie Joyeux-Faure, Renaud Tamisier, Khier Amrani, Jean-Claude Cornu, Thibaut Gentina, Robin Terrail, Christian Caussé, Carolina Lombardi, Martino Pengo, Gianfranco Parati, Jean-Louis Pépin

PA3553	**Immune checkpoint biomarkers galectin-9 and TIM-3 predict cancer mortality in obstructive sleep apnoea** Elena Díaz García (Madrid, Spain), Enrique Alfaro, Paula Pérez-Moreno, Cristina López-Fernández, Aldara García-Sánchez, Miguel Ángel Martínez-García, Eva Mañas, Irene Cano-Pumarega, Raquel Casitas, Francisco Campos-Rodríguez, Manuel Sánchez-De-La-Torre, Eduardo Nagore, Antonio Martorell-Calatayud, Luis Hernández-Blasco, Esther Pastor, Jorge Abad-Capa, Josep-María Montserrat, Valentín Cabriada-Nuño, Jaime Corral-Peñafiel, Eva Arias, Olga Mediano, María Somoza-González, Joan Dalmau-Arias, Isaac Almendros, Fernanda Troncoso-Acevedo, Carolina Gotera-Rivera, Teresa Pérez-Warnisher, Germán Peces-Barba, Luis Seijo, David Gozal, Francisco García-Río, Carolina Cubillos-Zapata
PA3554	**Oscillometric indices and execise capacity in metabolic syndrome** Vivek Pal (DELHI, India), Abhijith K Anil, Anjana Talwar, Geetanjali Bade, Saurabh Mittal, Kuldeep Kumar

PS-13 Session 304 12:30 - 14:00

Poster session: Treatment of sleep apnoea beyond positive airway pressure

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : General respiratory patient care Physiology Public health Epidemiology Surgery

Chairs : Francesco Fanfulla (Pavia (PV), Italy), Adriano D. S. Targa (Lleida, Spain)

PA3555	**Effect of sleep apnoea interventions on multiple health outcomes: umbrella review of meta-analyses of randomised controlled trials** Raoua Ben Messaoud (Grenoble, France), Camille Figard, Sébastien Baillieul, Marie Joyeux-Faure, Marie Destors, Renaud Tamisier, Charles Khouri, Jean-Louis Pépin
PA3556	**Smoking cessation and OSA patients: opinion of the sleep experts of the ESADA.** Athanasia Pataka (Thessaloniki, Greece), Alexandros Kalkanis, Andras Bikov, Georgia Trakada, Paschalis Steiropoulos, Sophia Schiza, Izolde Bouloukaki, Serapheim Kotoulas, Eliza Perger, Marta Drummond, Stefan Mihaicuta, Francesco Fanfulla, Sebastien Bailly, Ludger Grote, . On Behalf Of The Esada Collaboration Network
PA3557	**How does myofunctional therapy improve moderate sleep apnea syndrome** Mariem Ayadi (Sfax, Tunisia), Rahma Gargouri, Sameh Msaad, Rim Khemakhem, Nour Kallel, Najla Bahloul, Nadia Moussa, Walid Feki, Nesrine Kallel, Samy Kammoun
PA3558	**Steam-Assisted Respiratory Muscle Training Alleviates Sleep Apnoea Symptoms: A 12-Week Prospective Study** Usame Al-Rammahi (Turku, Finland), Tero Soukka, Jarmo Malinen, Risto-Pekka Happonen, Anssi Sovijärvi, Ulla Anttalainen
PA3559	**Efficacy of EPAP enhanced Oral Appliance Therapy in patients with Severe obstructive sleep apnea (OSA) EPAP enhanced Oral Appliance Therapy** Sat Sharma (Toronto (ON), Canada), Antonella Conflitti, Hilary Reiter, Sepehr Jamali, Roain Bayat, Yajur Shukla, Winston Rajkumar, Marcella Ortega, Thomas Rajan
PA3560	**Placebo Effect of Mandibular Advancement Devices** Marcus Anthony Pittman (Westcliff-on-Sea, United Kingdom), Dora Azida Amran
PA3561	**The use of non-PAP therapies in OSA in Europe** Izolde Bouloukaki (Heraklion (Crete), Greece), Johan Verbraecken, Winfried J Randerath, Stefan Mihaicuta, Ding Zou, Sébastien Bailly, Dries Testelmans, Ludger Grote, Jan Hedner, Athanasia Pataka, Tarja Saaresranta, Marta Drummond, Pavol Joppa, Ondrej Ludka, Esther Schwarz, Sophia Schiza
PA3562	**Somnibel therapy and health-related quality of life** Nuno Manuel Barbosa De Barros Ferreira (Paredes, Portugal), Ana Castelo Grande, Pedro Marinho Manso, Rita Linhas, Francisco Cadarso Vazquez, Ivone Gonçalves
PA3563	**Multicenter Dutch results of hypoglossal nerve stimulation in patients with obstructive sleep apnea** Inge De Reus (Amsterdam, Netherlands), Emily Schoustra, Anja Van De Velde, Peter van Maanen
PA3564	**Efficacy of bilateral hypoglossal nerve stimulation for obstructive sleep apnoea: a systematic review and meta-analysis** Haytham Abdelrahman (Giza, Egypt), Hatem Yaser, Shehab Yaser, Mahmoud Samir, Aliaë Mohamed-Hussein, Zeyad Bady
PA3565	**A network meta-analysis of various pharmacotherapeutics for obstructive sleep apnea** Haytham Abdelrahman (Giza, Egypt), Hatem Yaser, Zeyad Bady, Shehab Yaser, Mazen Negmeldin A. Yassin, May Mahmoud Elgamal, Mohamed Khalafalla Darwish, Eman Ayman Nada, Manar Ahmed Abdelfattah, Mahmoud Refaey, Hazem E. Mohammed, Mohamed Mabrouk Ghonaim, Aliaë Mohamed-Hussein
PA3566	**A network meta-analysis of Noradrenergic-Antimuscarinic Combinations for Obstructive Sleep Apnea** Haytham Abdelrahman (Giza, Egypt), Zeyad Bady, Hazem E. Mohammed, Almohannd Mohammed, Hatem Yaser, Aliaë Mohamed-Hussein

PA3567 **Effect of acetazolamide on obstructive sleep apnea in highlanders: a randomized, placebo-controlled, double-blinded crossover trial**
Taomei Li (Zurich, Switzerland), Lu Tan, Xiaomin Zhang, Yanyan Zhang, Lian Luo, Fei Lei, Basang Xiao, Yuntao Zhang, Michael Furian, Xiangdong Tang

PA3568 **Effect of acetazolamide on 24-hour blood pressure in highlanders with obstructive sleep apnea: a randomized, placebo-controlled, double-blinded**
Taomei Li (Zurich, Switzerland), Lu Tan, Xiaomin Zhang, Yanyan Zhang, Lian Luo, Fei Lei, Basang Xiao, Yuntao Zhang, Michael Furian, Xiangdong Tang

PA3569 **Apnoea-hypopnea event duration change after zonisamide in OSA patients: post-hoc analysis of a RCT**
Karl Theliander (Gothenburg, Sweden), Ding Zou, Ludger Grote, Kaj Stenlöf, Jan Hedner, Christian Strassberger

PA3570 **Effect of lemborexant on sleep parameters in moderate-to-severe OSA patients with low arousal threshold**
Sarocha Vivatvakin (Bangkok, Thailand), Naricha Chirakalwasan

PA3571 **Comorbidities and Medication in Patients with Obstructive Sleep Apnoea and Residual Daytime Sleepiness (rEDS)**
Jasvinder Kaler (London, United Kingdom), Biswajit Chakrabarti, Sonya Craig, Joerg Steier

PA3572 **Pitolisant in the Management of Obstructive Sleep Apnea with Persistent Daytime Sleepiness Despite CPAP/APAP Adherence: A Retrospective Observational Study**
Jorge Mora (Getafe, Spain), Cristina López Riolobos, José María Díaz García, Sonia Pascual García, Alejandro García García, María Conejero Merchán, Waail Boubekri, Carmen Mira Palomino, Monica Babiano Nodal, Araceli Abad Fernández

PA3573 **Treatment of residual excessive daytime sleepiness (rEDS) in OSA Patients: A Real-Life Monocentric Experience**
Pierpaolo Rizzo (Aci Catena, Italy), Domenico Caratozzolo, Cristina Gangemi, Adriana Scionti, Giulia Finocchiaro, Martina Scala, Sergio Alcantara, Carlo Vancheri, Lucia Spicuzza

PA3574 **Telemedicine remote monitoring in apap/cpap therapy for osas and strategies to improve compliance**
Anna Leoni (Napoli, Italy), Marta Iavarone, Alessia Rivieccio, Giuseppe Scotti, Vito D'Agnano, Andrea Bianco, Carlo Iadevaia

PS-14 Session 305 12:30 - 14:00

Poster session: Rethinking cough: from mechanism to management

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Epidemiology Physiology Pulmonary function testing Cell and molecular biology Endoscopy and interventional pulmonology Imaging Surgery

Chairs : Imran Satia (Hamilton, Canada), Dominic Sykes (Hull, United Kingdom)

PA3575 **Efficacy and tolerability of gefapixant in chronic cough: a single-center retrospective study**
Emi Fukasawa (Shizuoka, Japan), Shogo Sakurai, Taisuke Akamatsu, Toshihiro Shirai

PA3576 **Association between baseline cough burden and gefapixant discontinuations due to taste-related adverse events**
Jacky Smith (Manchester (Greater Manchester), United Kingdom), Surinder S Birring, Peter Dicpinigaitis, Lorcan Mcgarvey, Alyn Morice, Jin Xu, Allison Martin Nguyen, George Philip, Carmen La Rosa

PA3577 **Clinically relevant attenuation of cough with gefapixant: a post hoc analysis**
Surinder S. Birring (London, United Kingdom), Peter Dicpinigaitis, Lieven Dupont, Lorcan Mcgarvey, Alyn Morice, Jaclyn Smith, Jin Xu, Allison Martin Nguyen, George Phillip, Carmen La Rosa

PA3578 **Time course of patient-reported outcomes among gefapixant responders vs nonresponders: post hoc analysis**
Lorcan McGarvey (Belfast, United Kingdom), Surinder S Birring, Peter Dicpinigaitis, Alyn Morice, Jaclyn Smith, Jin Xu, Eduardo Urdaneta, Allison Martin Nguyen, George Phillip, Carmen La Rosa

PA3579 **Patient Global Impression of Change: contextualizing patient-reported outcomes in gefapixant phase 3 trials**
Lieven Dupont (Leuven, Belgium), Surinder S Birring, Peter Dicpinigaitis, Lorcan Mcgarvey, Alyn Morice, Jaclyn Smith, Jin Xu, Allison Martin Nguyen, George Phillip, Carmen La Rosa

PA3580 **Impact of Gefapixant on Chronic Cough in a Real-World Setting**
Berta Lloret Puig (sabadell, Spain), Ana Isabel Sogo, Daniela Yamunaque, Carmina Rodriguez, Christian Domingo

PA3581 **Sex hormones trigger airway sensory nerve activation: do hormones drive neuronal dysfunction in cough?**
Charlotte Healey (london, United Kingdom), Fisnik Shala, Sara Bonvini, Michael Wortley, Eric Dubuis, Mark Birrell, Maria Belvisi

PA3582	**The effect of morphine on cough in patients with refractory chronic cough and repeat expansions of RFC1** Laurent Guilleminault (Toulouse Cedex, France), Pauline Chazelas, Corinne Magdelaine, Thomas Villeneuve, Anne-Sophie Lia, Laurent Magy
PA3583	**Understanding the journey and health status of patients with refractory or unexplained chronic cough in the Netherlands** Jan Willem K. van den Berg (Zwolle, Netherlands), Mireille A. Edens, Anoe Oedit Doebe, Hester Van Der Velden, Maxime Heezen
PA3584	**Effect of Fixed BDP/FF/G Therapy on Cough Efficacy in Moderate-Severe COPD** Rocco Accogli (Parma, Italy), Annalisa Frizzelli, Roberta Pisi, Alessandra Marchese, Alfredo Chetta, Marina Aiello
PA3585	**Unveiling Clinical Predictors of Outcomes in Patients with Chronic Cough (CC)** Alessandra Sorano (Firenze, Italy), Giulia Fabietti, Leonardo Gori, Giovanni A. Fontana, Federico Lavorini
PA3586	**Membranous tracheobronchial reduction surgery for excessive dynamic airway collapse associated with intractable chronic cough** Alessandra Sorano (Firenze, Italy), Alessandro Gonfiotti, Giulia Fabietti, Massimo Osvaldo Jaus Jaus, Luca Voltolini, Federico Lavorini
PA3587	**What's in a name? Confusion around chronic cough among US healthcare professionals** Kaiser G. Lim (Rochester, United States), Bhavini Parikh, Christine Henning, Carolyn Sweeney, Eric Davenport, Sarah Calhoun, Su Bunniran
PA3588	**Are there any super-responders in the management of chronic cough patients treated in cough clinic ?** Katarzyna Białek-Gosk (Warszawa, Poland), E. Magdalena Grabczak, Olga Truba, Karolina Klimowicz, Marta Dąbrowska
PA3589	**What can we learn from chest CT in adults with chronic cough? Data from the ERS NEuroCOUGH CRC Registry.** Marta Dąbrowska (Warszawa, Poland), Elżbieta M. Grabczak, Białek-Gosk Katarzyna, Lorcan Mcgarvey, Alyn H. Morice, Sean Parker, Peter P Cho, Surinder S. Birring, Clina Mcdowell, James H Hull, Jacklyn Smith, Lauran Guilleminault, Peter Kardos, Jan W Van Den Berg, Christian Domingo, Lieven J Dupont
PA3590	**Preclinical modelling of female enhancement of airway sensory nerve responsiveness** Charlotte Healey (london, United Kingdom), Sara Bonvini, Michael Wortley, Eric Dubuis, Billy Baxter, Mark Birrell, Maria Belvisi
PA3591	**Azithromycin and oesophageal motility in chronic respiratory disease: a feasibility trial** Dominic Sykes (Hull, United Kingdom), Kayleigh Brindle, Rohan Menon, Simon P Hart, Jennifer Nielsen, Warren Jackson, John Gallagher, Elisabeth Kirton, Mengru Zhang, Alyn H Morice, Michael G Crooks
PA3592	**Real-world retrospective study on the characteristics, management and outcomes of patients presenting to a tertiary chronic cough clinic** Sana Khan (Hamilton, Canada), Saif Samari, Namarik Alenezy, Jonathan Guan, Alishaba Atta, Imran Satia
PA3593	**Late Breaking Abstract - Efficacy and safety of nalbuphine extended-release in refractory chronic cough: results from the phase 2a RIVER trial** Jacky Smith (Manchester (Greater Manchester), United Kingdom), Kenneth R. Chapman, Imran Satia, Émilie Millaire, Sean M. Parker, Lorcan Mcgarvey, Alyn Morice, Paul Marsden, Surinder S. Birring, Alice Turner, Margaret Garin, James Cassella
PA3594	**Late Breaking Abstract - Novel cough bout metrics to support assessment of treatment response to AX-8** Terence Taylor (Clare, Ireland), Denis P Drennan, Olivier Poirot, Yaniv Zigel, Helen Venn, Frank Keane, Jaclyn A Smith, Michael M Kitt

PS-15 Session 306 12:30 - 14:00

Poster session: Unblocking the airways: innovations in mucus-targeted therapy and novel data on phosphodiesterase inhibitors

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Physiology Pulmonary function testing Cell and molecular biology Surgery

Chairs : Alejandro A Diaz (Arlington, United States), Efthymia Papadopoulou (Thessaloniki, Greece)

PA3595	**Effectiveness of Erdosteine plus SITT (single inhaler triple therapy) in preventing exacerbation in comparsion to SITT in Non-smoker COPD: A muticenter study** Ashok Kuwal (Jodhpur, India), Shital Vishnu Patil, Ashok Bansode, Sanidhaya Tak, Swati Narwade, Ganesh Narwade, Gajanan Gondhali

PA3596	**Focused Pulse High-Frequency Chest Wall Oscillation (FP-HFCWO) for Mucus Clearance in COPD and Asthma: A Single-Center Experience** Pier-Valerio Mari (Roma (RM), Italy), Angelo Coppola, Lorenzo Carriera, Francesco Macagno
PA3597	**Evaluation of effectiveness of nebulized hypertonic sodium chloride solution and its combination with hyaluronic acid in patients with stable COPD** Dmytro Dobrianskyi (Kyiv, Ukraine), Galyna Gumeniuk, Alina Dorokhova, Oleh Iaremenko
PA3598	**Ivy leaves dry extract EA575 shows mucoactive, antitussive, and anti-inflammatory activity in vivo** Natalia Machajewski (Niederdorfelden, Germany), Matthias Hufnagel, André Rademaekers, Hanns Häberlein, Sebastian Franken
PA3599	**Efficacy of ivy leaf dry extract EA575 in an acute inflammation animal model** Matthias Hufnagel (Niederdorfelden, Germany), Natalia Machajewski, André Rademaekers, Hanns Häberlein, Sebastian Franken
PA3600	**Acceptability of an oscillating positive expiratory pressure (OPEP) device by respiratory disease patients** Jason Suggett (London (ON), Canada), Sheila Wang, David Sydor
PA3601	**Proteomic analysis of sputum samples for the isolation and characterization of mucins in patients with bronchial asthma: a pilot study** Despoina Ioannidou (Thessaloniki Kalamaria, Greece), Katerina Georgoula, Charikleia Ntenti, Stefania Maniatsi, Christos Kotsopoulos, Martina Samiotaki, Konstantina Psatha, Antonis Goulas, Michalis Aivaliotis
PA3602	**Impact of mucociliary clearance on the dissolution and absorption of micro drugs in airway surface liquid** Mohammadhadi Sedaghat (Nicosia, Cyprus), Pinelopi Anagnostopoulou, Omid Abouali, Stavros C. Kassinos
PA3603	**Mepolizumab effectiveness on mucus plug in severe eosinophilic asthma** Raffaele Campisi (Catania, Italy), Santi Nolasco, Martina Bonsignore, Andrea Nardo, Concetta Giannì, Nunzio Crimi, Carlo Vancheri, Claudia Crimi
PA3604	**Safety and efficacy of nebulized BromAc® in asthma: preclinical models** Ahmed Mekkawy (Kogarah, Australia), Md Khalilur Rahman, Krishna Pillai, Samina Badar, Javed Akhter, Sarah Valle, David Morris
PA3605	**Evaluation of BromAc® as a potent mucolytic for thick purulent sputum in Obstructive Lung Disease.** Mathew Eapen (Hobart (TAS), Australia), Pooja Narang, Nicole Valle, Javed Akhter, David L Morris, Sarah J Valle
PA3606	**Characterization of bronchoconstrictor response during induced sputum induction in asthmatic patients** Cristina Buccheri (Livorno Ferraris, Italy), Giuseppe Guida, Stefano Pizzimenti, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Stefano Levra, Fabio Luigi Massimo Ricciardolo
PA3607	**Effectiveness and tolerability of acebrophylline in patients with chronic obstructive pulmonary disease: a real-world retrospective study from electronic medical records** Chintan Khandhedia (Mumbai, India), Prahlad Prabhudesai, K S Satish, K K Pandey, Indranil Halder, D K Chauhan, Sailaja K, Naveen Kumar Ailawadi, Kaushik Dutta, Suma P Kumar, Rahul Rathore, B P Verma, Shruti Dharmadhikari, Chaitanya Bhargave, Amey Mane, Suyog Mehta
PA3608	**Asthma Control and Quality of Life in Greek Asthma Patients With Allergic Rhinitis Treated With Budesonide/Formoterol FDC: A Subgroup Analysis From the NOTOS Study** Maria Bertoli (Pikermi, Greece), Konstantinos Samitas, Eleni Tzortzaki, Alexandros Ginis, Nikoletta Rovina
PA3609	**Targeting PDE4 to promote lung repair in COPD** Valentina Violi (Parma, Italy), Rocio Fuentes-Mateos, Pratama A. Saputra, Barbro N. Melgert, Fabrizio Facchinetti, Gino Villetti, Reinoud Gosens
PA3610	**Efficacy of low-dose theophylline for treatment-naïve biomass-associated COPD: a pilot randomized trial.** Patricia Alupo (Kampala, Uganda), Min Lu, Sibei Liu, Nicole Robertson, Dipan Karmali, Peter D. Jackson, Suzanne Pollard, Nakawunde Robina, Muyama S Rachel, Job F.M Van Boven, Robert Wise, John Hurst, Bruce Kirenga, William Checkley, Trishul Siddharthan
PA3611	**Roflumilast in COPD: qualitative analysis of Greek Pulmonologists' prescribing practice** Efthymia Papadopoulou (Thessaloniki, Greece), Despoina Karamitrou, Konstantina Papadopoulou, Alexandros Ginis, Stavros Tryfon
PA3612	**Ensifentrine induces anti-inflammatory effects in isolated airways from COPD donors** Luigino Calzetta (Roma (RM), Italy), Shima Gholamalishahi, Tara Rheault, Paola Rogliani

PA3613	**The effect of ensifentrine on COPD symptoms and quality of life according to baseline dyspnea level** Jadwiga A Wedzicha (London, United Kingdom), Tara Rheault, Amy Dixon, Daniel Reyner, Kathleen Rickard, Frits Franssen
PA3614	**The effect of ensifentrine on lung function and exacerbations in patients with COPD according to baseline dyspnea** Frits M.E. Franssen (Maastricht, Netherlands), Tara Rheault, Amy Dixon, Daniel Reyner, Kathleen Rickard, Jadwiga Wedzicha

PS-16 Session 307 12:30 - 14:00

Poster session: COPD: from underlying mechanisms to clinical relevance

Disease(s) : Airway diseases

Method(s) : Imaging Physiology Pulmonary function testing General respiratory patient care Cell and molecular biology Epidemiology

Chairs : James Baker (MANCHESTER, United Kingdom), Marco Contoli (Ferrara (FE), Italy)

PA3615	**Th17 responses mediate functional and structural lung changes in COPD- and Obesity- induced model** Alyne Riani Moreira (maua, Brazil), Leticia Costa Mattos, Camila Uchoa Da Silva, Jussara Jesus Simão, Veronica Camargo Berti, Francine Maria Almeida, Alex Ferreira Da Silva, Franciele Jesus Lima, Suellen Karoline Moreira Bezerra, Ana Luiza Porfirio Da Silva, Cintia Nascimento Da Silva, Maria Isabel C. Alonso- Vale, Iolanda Fatima Lopes Calvo Tiberio, Fernanda Degobbi Tenorio Quirino Santos Lopes
PA3616	**Serum Levels of Follistatin-like 1, NF-kB, and Hypoxia-Inducible Factor-1 alpha in Chronic Obstructive Pulmonary Disease** Hassan Ghobadi-Marallu (Ardabil, Islamic Republic of Iran), Mohammad Reza Aslani, Elaheh Khorasani
PA3617	**Impact of eosinophilic phenotype on clinical outcomes in COPD patients** Tsu Chuan Li (Taipei, Taiwan), Pi Hung Tung, Chen Chuan Hsu, Shu Min Lin
PA3618	**Airway Oscillometry in COPD Patients with Mucus Plug** Titilope Olanipekun (Boston, United States), Sofia Mettler, Nirmal Sharma, Alejandro Diaz
PA3619	**Transcriptomic changes in COPD with chronic bronchitis patients following metered cryospray** Alexandra Baikov (London, United Kingdom), Christopher M Orton, Ali Versi, Nadia J Fernandes, James Tonkin, Katie Raby, Rebecca Wawman, Richard D Williams, Nik Matthews, Pallav L Shah, Pankaj Bhavsar
PA3620	**Metabolic Changes in COPD: A Comparative Metabolomic Approach with Healthy Individuals** Marilia Machado (Botucatu, Brazil), Jezreel Pantaleón García, Matheus Callegari, Mariana Gatto, Robson Prudente, Estefania Franco, Luis Fernando Brizola, Hebreia Souza, Suzana Tanni
PA3621	**On the progression of airway mucus-occlusions over 12 years in ex-smokers with and without COPD** Joshua Peters (, Canada), Sam Tcherner, Olivia Gater, Ali Mozaffaripour, Eveline Durom, Grace Parraga
PA3622	**An observational study to assess the prevalence of preserved ratio impaired spirometry (PRISm) among smokers** Chaina Ram Choudhary (Jodhpur, India), Ashok Kuwal, Stacy Martin, Samiksha Singla, Sikandar Faujdar
PA3623	**Prevalence of Preserve Ratio Impaired Spirometry (PRISm) in a tertiary government hospital in the Philippines, Its association with gender, smoking history and body mass index and the incidence of airflow limitation after a 3 year follow up** Jillian Yvonne Canlas (Caloocan City, Philippines), Cary Amiel Villanueva, Joel Santiaguel
PA3624	**Oscillometry as a Diagnostic Tool for Small Airways Obstruction in Symptomatic At-risk Individuals with Normal Spirometry: Baseline Data from the IeCAN Study** Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Rajesh Swarnakar, Tarang Kulkarni, Sapna Madas, Charu Singh, Rakesh Chawla, Saibal Moitra, D J Christopher, Sheetu Singh, Parvaiz Kaul, Anant Mohan, Apoorva Singh, S N Gupta, Vandana Das, Akanksha Nayak, Abhishek Sabale, Rashmi Kadam, Sundeep Salvi, Raja Dhar
PA3625	**Computed Tomography Imaging to Identify Diagnostic Instability in Mild-to-Moderate COPD: A 3-year Prospective Cohort Study** Fan Wu (Guangzhou, China), Zhishan Deng, Kunning Zhao, Yumin Zhou, Pixin Ran
PA3626	**Expiratory flow limitation (Δx5) can be a new marker of COPD severity.** Sampat Dash (Cuttack (Odisha), India), Umesh Mohan Bhisade, Satya Ranjan Mohanty, Nibedita Panda, Ambika Prasad Nayak

PA3627	**Validation Study of Rome Criteria for Assessing COPD Exacerbation Severity and Predicting Clinical Outcomes:TTS-COPD Assembly** Elif Selçuk (Ankara, Turkey), Ayşe Baha, Caner Baysan, Sibel Atis Nayci, Eylem Sercan Ozgur, Tugce Karamustafaoglu, Elif Sen, Gözde Mit, Aylin Ozgen Alpaydin, Burcu Ozturk, Kubra Taskaraca Karabacak, Nurdan Kokturk, Sule Akbulut, Oya Baydar, Yelda Varol, Sumeyye Kodalak, Dorina Esendagli, Alev Gurgun, Elnaz Emdadian, Zehra Nur Toreyin, Asli Alkan, Umran Sertcelik, Ipek Ozmen, Esra Ulu Elabed, Hatice Kilic, Mehmet Polatli, Osman Hilmioglu
PA3628	**Performance of DECAF and BAP 65 scores in assessment of acute exacerbation of chronic obstructive pulmonary disease** Abirami Dharmalingam (Chennai, India), Roopashri Gopal, Monika Sivakumar, Benitta Jasmine Jawahar
PA3629	**Mortality in patients with COPD post-hospitalization for AECOPD: a tertiary care experience from Mumbai, India** Soumya Kanti Ghatak (mumbai, India), Zarir F Udwadia, Radhika Banka, Jai Mullerpattan, Lancelot M Pinto
PA3630	**An analysis of Fried and Rockwood Clinical Frailty scales to predict readmission and mortality in patients with acute exacerbations of COPD** Emily Siviter (Leicester, United Kingdom), George Mills, Cara Flynn, Omer Elneima, Tracy Thornton, Sarah Glover, Sally Singh, Neil Greening, Hamish Mcauley
PA3631	**Evaluation of small airway function changes during acute exacerbation of chronic obstructive pulmonary disease using Impulse Oscillometry (IOS) device** Seda Akalin Karaca (Istanbul, Turkey), Esra Ertan Yazar, Deniz Koçak, Hazal Karadağ, Burcu Yigitbas, Deniz Bilici, Handan Ankaralı
PA3632	**Correlation of diaphragmatic mobility with quality of life, symptoms, and exercise capacity in smokers with preserved pulmonary function** Besim Morina (Prishtina, Kosovo), Blerina Dervisholli, Edison Suka, Mark Ross, Driton Hoti, Valmir Muhaxheri, Leujeta Shabanaj, Flamur Marku, Burim Neziri
PA3633	**MProcida AATD variant: from Campi Flegrei to the ancient Island of Aphrodite Cyprus** Effrosyni D. Manali (Athens, Greece), Martina Veith, Frangiskos Frangopoulos, Tonia Adamide, Andriana I. Papaioannou, Apostolos Malatras, Dionysios Fanidis, Malika-Leila Balduyck, Ilaria Ferrarotti, Christine Lombard, Maria Kallieri, Danae Flouri, Farid Zerimech, Marie-Françoise Odou, Magali Dechomet, Elvira-Markela Antonogiannaki, Vasiliki Apollonatou, Lykourgos Kolilekas, Stefania Ottaviani, Vincent Cottin, Claus Vogelmeier, Timm Greulich, Jean-François Mornex, Constantinos Deltas, Spyros A. Papiris
PA3634	**A feasibility study to assess a rapid, AI enabled point-of-care device to support COPD diagnosis in the NHS** Lauren Hudson (Oxford, United Kingdom), Mamta Bajre, Gabriel Lambert, Mark Gleeson, James Rose

PS-17 Session 308 12:30 - 14:00

Poster session: Clinical management of severe asthma

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Imaging Physiology Epidemiology General respiratory patient care Cell and molecular biology Public health

Chairs : Petros Bakakos (Athens, Greece), Clairelyne Dupin (Paris, France)

PA3635	**Novel insights into the comorbidity burden of severe asthma in Canada: Analysis of the Canadian Severe Asthma Registry** Nawaf Alotaibi (Riyadh, Saudi Arabia), Shelley Abercromby, Mohsen Sadatsafavi, Andréanne Côté, Diane Lougheed, Brianne Philipenko, Simon Couillard, Mohit Bhutani, Hana Serajeddini, Shelley Abercromby, Dominic Friston, Ghislaine Scelo, David Price, Celine Bergeron
PA3636	**Combined physiological and inflammatory biomarker assessment for risk stratification in moderate-to-severe asthma** Rory Chan (Glasgow, United Kingdom), Brian Lipworth, Zuzana Diamant, Ronald J Dandurand, Stephen J Fowler, Christopher Brightling, Dave Singh, Janwillem Kocks, Leonardo M Fabbri, Klaus F Rabe, Maarten Van Den Berge, Monica Kraft, Alberto Papi, Alvise Berti, Pasquale Comberiati, Chris Ruiwen Kuo, Francesco Menzella, Carlo Lombardi, Kathryn Prior, Sundeep Salvi, Omar S Usmani, Laura Ventura, Apostolos Bossios, Stanley Galant, Marcello Cottini, Salman Siddiqui
PA3637	**Response rate of repeated patient-reported outcome measures for patients with severe asthma in the SHARP CRC registry** Lianne ten Have (Leeuwarden, Netherlands), Fleur. L. Meulmeester, J. Lanario, M. Masoli, A. Mcgahey, D. Redwood, T. Wainwright, J. Tilley, S. Doe, K. Bayani, J. Palacionyte, K. Bieksiene, C. Loureiro, M. Goncalves Cunha, P. Nogueria Costa, I. Farinha, S. Hromis, B. Dahlén, V. Yasinska, O. Tenzelius, M. Paula-Rezelj, P. Kopac, A. Zaze Bertoncel, S. Skrgat, M. Hyland, D. Harmerlijnck, Kim De Jong, Anneke Ten Brinke, Jacob K. Sont

PA3638	**Follow-up of patients with severe asthma using a conversational AI virtual assistant: feasibility and impact** Mariana Mercedes Muñoz Esquerre (Barcelona, Spain), Héctor Cabrerizo Carreño, Anna Rosich Fírvida, Ana Romero Ortíz, Cristina Bellver Asperilla, Guillermo Suárez-Cuartín, Samantha Aso González, Verónica María Farieri, Isabel Díaz Martos, Salud Santos Pérez
PA3639	**Obstructive Spirometric Index to predict response to oral corticosteroids in asthma attacks: a post-hoc analysis of PRISMA** Samuel Mailhot-Larouche (Sherbrooke, Canada), Carlos Andres Celis Preciado, Simon Leclerc, Martine Duval, Dominic O Cliche, Alek Morin, Felix-Antoine Vézina, Pierre Larivée, Guy Brusselle, Philippe Lachapelle, Simon Couillard
PA3640	**Contribution of sputum differential cell count to the MDT decision in severe asthma management** Gaël Tavernier (Manchester (Greater Manchester), United Kingdom), Stephen Jowler Fowler, David Allen, Thomas Pantin
PA3641	**Clinical remission and small airway improvements after one-year FF/UMEC/VI** Sam Tcherner (London, Canada), Ali Mozaffaripour, Eveline Durom, Anurag Bhalla, Cory Yamashita, Grace Parraga
PA3642	**Healthcare resource utilization (HCRU) and costs in patients with eosinophilic granulomatosis with polyangiitis (EGPA): a retrospective observational cohort study in England** Salman H. Siddiqui (London, United Kingdom), Bo Ding, Paul Dolin, Lotte Westerink, Chris Edmonds, Danuta Kiela, Alessandra Lacetera, Pablo Suárez-Sánchez, Cono Ariti, Bélène Podmore, Álvaro Kitchin Velarde, Stephanie Y. Chen
PA3643	**Mapping the Severe Asthma Questionnaire to EQ-5D-5L health utility scores in the SHARP CRC registry** Fleur L. Meulmeester (Leiden, Netherlands), Joseph Lanario, Lianne Ten Have, Matthew Masoli, S Doe, K Bayani, D Redwood, T Wainwright, J Tilley, Anneke Ten Brinke, Kristina Biekšienė, Cláudia Loureiro, M Gonçalves Cunha, P Nogueira Costa, I Farinha, Sanja Hromiš, Barbro Dahlén, Valentyna Yasinska, O Tenzelius, Sabina Skrgat, Mariana Paula-Rezelj, Peter Kopač, Ana Žaže Bertoncel, Dominique Hamerlynck, M. Elske Van Den Akker-Van Marle, Jacob K. Sont
PA3644	**A 5-year retrospective review of young patients with severe asthma transitioning to a dedicated adolescent clinic** Alexandra Nanzer (London, United Kingdom), Vedant Bhardwai, Pritom Dey, Victoria To, Niall Stewart-Kelcher, Louise Thomson, Cris Roxas, Linda Green, Mariana Fernandes, Jodie Lam, Grainne D'Ancona, Jessica Gates, Faizan Haris, Jaideep Dhariwal, David Jackson
PA3645	**Forced Oscillatory Technique R5-19 correlate with FEV1/FVC in severe asthma. A prospective study** Claudio Tirelli (Vaiano Cremasco (CR), Italy), Elena Maria Parazzini, Lucia Sacchi, Giulia Carone, Francesca Pescol, Sara Maggioni, Luca Alessandro Belmonte, Cristina Albrici, Simone Contino, Beatrice Re, Michele Mondoni, Stefano Centanni
PA3646	**Comparison of the Inflammatory Phenotype in Induced Sputum and Nasal Cytology in Patients with Severe Asthma** Victor Guerra-Ruiz (Barcelona, Spain), Ander Goitisolo Oyon, Maria Florencia Pilia, Christian Eduardo Romero Mesones, David Espejo Castellanos, Maria Jesus Cruz Carmona, Xavier Muñoz Gall, Iñigo Ojanguren Arranz
PA3647	**Influence of Comorbidities on Long-term Clinical Outcomes in Severe Asthma: Insights from the German Asthma Net (GAN)** Slagjana Stoshikj (Wien, Austria), Andreas Renner, Christina Bal, Daniela Boryshchuk, Dirk Skowasch, Katrin Milger, Christian Schulz, Margret Jandl, Rainer Ehmann, Olaf Schmidt, Roland Buhl, Eckard Hamelmann, Christian Taube, Stephanie Korn, Marco Idzko
PA3648	**Asthma and obesity: the role of inflammatory cytokines and insulin resistance** Rubina Giulia Girolamo (Firenze, Italy), Chiara Allegrini, Alessia Catalisano, Martina Maria Marinato, Elisa Bentivegna, Greta Insalata, Alberto Bracciali, Luca Paita, Federico Lavorini, Gianna Camiciottoli
PA3649	**Impact of small airways disease on clinical improvement with anti-Interleukin-5/5Rα treatment in severe asthma** Willemijn IJspeerd (Leeuwarden, Netherlands), Akke-Nynke Van Der Meer, Linda Wilhelmus-Hoek, Anneke Ten Brinke, Kim De Jong, Ilse Boudewijn
PA3650	**Asthma control and quality of life burdens associated with missed work days** Joseph Lanario (Plymouth (Devon), United Kingdom), Michael Hyland, Alison Blythin, Tom Wilkinson, Matthew Masoli
PA3651	**Unlocking Asthma Remission: Key Insights from an Expert Roundtable Discussion** Dennis Thomas (New Lambton Heights, Australia), Hayley Lewthwaite, Peter Gibson, Eleanor Majellano, Vanessa Clark, Michael Fricker, Yuto Hamada, Gary Anderson, Vibeke Backer, Philip Bardin, Richard Beasley, Jimmy Chien, Claude Farah, John Harrington, Erin Harvey, Mark Hew, Anne Holland, Christine Jenkins, Constance Katelaris, Gregory Katsoulotos, Kirsty Murray, Matthew Peters, Rejoy Thomas, Katrina Tonga, John Upham, Peter Wark, Vanessa Mcdonald
PA3652	**Body fat distribution vs. BMI as a predictor of OSA severity in patients with severe asthma** Sunera Khan (Birmingham, United Kingdom), Sarah Davies, Adel H Mansur
PA3653	**Diagnosis of the bone mineral metabolism disorders in patients with severe bronchial asthma** Galyna Gumeniuk (Kyiv, Ukraine), Yuriy Feshchenko, Mykola Lynnyk, Mykola Gumeniuk, Viktoria Ignatieva, Maryna Polianska, Svitlana Opimakh

PA3654 **Prevalence of positive Aspergillus IgG in a cohort of patient with Severe Asthma and its correlation with number of exacerbations on established biologic treatment.**
Christine Chiang (Dublin, Ireland), Mohamed Idris, Laura Monaghan, Emma Mulligan, Stephen Lane, Patrick Mitchell

PS-18 Session 309 12:30 - 14:00

Poster session: Recent advances in our understanding of the epidemiology and diagnosis of airways disease

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Imaging Public health Cell and molecular biology General respiratory patient care

Chairs : Wim Janssens (Leuven, Belgium), Miriam Bennett (manchester, United Kingdom)

PA3655 **Sensitization Pattern to aeroallergens and food among children with atopic asthma**
Ali Alsuheel Asseri (Abha, Saudi Arabia)

PA3656 **Pollen in the Air, Asthma in the ER: A Seasonal Pattern**
Sofia Maria Mazzotta (monza, Italy), Giada Di Franco, Marco Maggi, Sara Menandro, Antonio Gabriele Iuliano

PA3657 **Allergen sensitization profile of patients presenting to the allergy clinic due to allergic rhinitis and asthma in a small city in western Turkey during autumn and winter**
Özge Can Bostan (Ankara, Turkey)

PA3658 **Impact of fungal sensitization on long-term outcomes in a French severe asthma cohort**
Robin Réau (Paris, France), Pascale Nicaise, Pierre Le Guen, Mathilde Le Brun, Catherine Neukirch, Camille Taillé

PA3659 **Clinical characteristics of Aspergillus fumigatus sensitised severe asthma patients in severe asthma registry (SHARP)**
Gordana Pavliša (Zagreb, Croatia), Ana Žaže Bertoncel, Aruna Bansal, Kristina Bieksiene, Arnaud Bourdin, Marcus Butler, Georgio Walter Canonica, Zsuzsanna Csoma, Bilun Gemicioglu, Ineta Grisle, Shane Hanon, Peter Kopač, Piotr Kuna, Ramesh Kurukulaaratchy, Joerg Leuppi, Claudia Loureiro, Dora Lúðvíksdóttir, Florin Mihălţan, Jeanne Marie Perotin, Celeste Porsbjerg, Kostas Samitas, Florence Schleich, Vratislav Sedlak, Valentyna Yasinska, Sanja Popović Grle, Anneke Ten Brinke, Sabina Škrgat

PA3660 **Heterogeneity of Aspergillus fumigatus sensitization testing captured by national severe asthma registries in SHARP**
Gordana Pavliša (Zagreb, Croatia), Ana Žaže Bertoncel, Aruna Bansal, Kristina Bieksiene, Arnaud Bourdin, Marcus Butler, Georgio Walter Canonica, Zsuzsanna Csoma, Bilun Gemicioglu, Ineta Grisle, Shane Hanon, Peter Kopač, Piotr Kuna, Ramesh Kurukulaaratchy, Joerg Leuppi, Claudia Loureiro, Dora Lúðvíksdóttir, Florin Mihălţan, Jeanne Marie Perotin, Celeste Porsbjerg, Kostas Samitas, Florence Scleich, Vratislav Sedlak, Valentyna Yasinska, Sanja Popović-Grle, Anneke Ten Brinke, Sabina Škrgat

PA3661 **Aspergillus Sensitization in Asthma :Risk factors , Serological profiles and Disease severity A phenotype**
Jyoti Bajpai (Lucknow (Uttar Pradesh), India), Vishal Shukla, Surya Kant, Ajay Verma, Darshan Bajaj

PA3662 **Allergic rhinitis with monosensitization to fungal allergens becoming more frequent in Ukraine: a unique disease phenotype or a precursor to asthma?**
Sergii Zaikov (Kyiv, Ukraine), Artemii Bogomolov, Mykola Gumenyuk

PA3663 **Patterns of Insect Venom Hypersensitivity in Patients with Asthma: Is There a Difference Between Eastern and Western Europe?**
Kateryna Gashynova (Dnipro, Ukraine), Andreas Hoheisel, Eugenia Dytyatkovska, Grit Ackermann, Jaime Alvarado, Yelena Koretskaya, G Hoheisel, Daiana Stolz

PA3664 **Treatment and management of hypersensitivity reactions developed against anti-tuberculosis drug**
ZEYNEP YEGİN KATRAN (İSTANBUL, Turkey), Ismet Bulut, Aylin Babalık, Metin Keren, Fatma Merve Tepetam

PA3665 **Hormonal contraceptive use and adult-onset asthma: A 15-Year cohort study of 2.1 million women**
Fatima Almaghrabi (Manchester, United Kingdom), Bright Nwaru, Aziz Sheikh, Syed Ahmar Shah

PA3666 **Total IgE and its role in disease characterisation across obstructive airway disease: Findings from the NOVELTY Study**
Jose M. Olaguibel (Pamplona, Spain), Christer Janson, Andrei Malinovschi, Magnus Borres, Rosa Faner, Rod Hughes, Anastasios Mangelis, Hana Müllerová, Alberto Papi, Helen K. Reddel

PA3667 **EGPA disease burden in Europe and US: evidence from real-world clinical practice**
Bo Ding (Mölndal, Sweden), Robert Spiera, Paul Dolin, Lotte Westerink, Chris Edmonds, Danuta Kielar, Oliver-Thomas Carter, Tia Pennant, Fritha Hennessy, Stephanie Yanjing Chen

PA3668 **Distinguishing respiratory features of Eosinophilic Granulomatosis with Polyangiitis vs eosinophilic asthma: A case-control study**
Karina Keogh (Rochester, United States), Alvise Berti, Federico Ravanelli, John Hagan, Misbah Baqir, Ulrich Specks

PA3669	**Allergy is not the only diagnosis when children get skin manifestations after betalactamins intake** Heni Abdelhedi (Sfax, Tunisia), Heni Abdelhedi, Nour Kallel, Rim Khemakhem, Nesrine Kallel, Walid Feki, Hajer Ayadi, Lobna Ben Mahmoud, Salma Ben Ameur, Najla Bahloul, Nedia Moussa, Samy Kammoun
PA3670	**The Distribution of Allergen Sensitization and Screening Panels for Respiratory Allergic Diseases in Seven Geographical Regions of China: A Multicenter Study** Wenting Luo (Guangzhou (Guangdong), China), Baoqing Sun
PA3671	**Molecular IgE sensitization profiling with micro-arrayed allergen molecules in asthmatics from the LEAD cohort: A precision medicine approach** Huey-Jy Huang (Vienna, Austria), Robab Breyer-Kohansal, Katarzyna Niespodziana, Marie-Kathrin Breyer, Rudolf Valenta, Sylvia Hartl
PA3672	**Application of magnetic particle chemiluminescence technology to detect sensitization in patients in Guangzhou, China: a study base on real-world medical data** Huimin Huang (Guangzhou (Guangdong), China), Yifan Chen, Haisheng Hu, Peiyan Zheng, Wenting Luo, Yanting Fang, Yinghong Lin, Baoqing Sun
PA3673	**Mast cell activation test and bronchial hyperresponsiveness in cat allergy: investigating the link to cat allergen induced asthma** Ran Wang (Manchester (Greater Manchester), United Kingdom), Jiakai Wu, Silvia Bulfone-Paus, Clare Murray, Angela Simpson
PA3674	**The many faces of hypereosinophilic syndrome: A multidisciplinary challenge. Insights from a large cohort study** Piotr Lacwik (Lodz, Poland), Youssef Sleiman, Dominika Ochab-Krupnik, Anna Moscicka, Bartosz Chrusciel, Magdalena Adamczewska, Piotr Damianski, Mateusz Jonakowski, Beata Krecisz, Maciej Kupczyk, Izabela Kuprys- Lipinska, Piotr Kuna, Cezary Pałczyński

PS-19 Session 310 12:30 - 14:00

Poster session: Epidemiology of COPD and asthma exacerbations

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Public health Respiratory intensive care

Chairs : James Allinson (London, United Kingdom), Chair to be confirmed

PA3675	**Twenty-year trends in 1-year mortality after COPD exacerbation: A Danish nationwide cohort study** Marie Dam Lauridsen (Aalborg, Denmark), Mathias Therkelsen King, Jan Brink Valentin, Søren Paaske Johnsen, Ulla Møller Weinreich
PA3676	**Sex-differences in mortality after first hospitalization for COPD exacerbation – a nationwide cohort study** Mathias Therkelsen King (Aalborg Øst, Denmark), Marie Dam Lauridsen, Søren Paaske Johnsen, Ulla Møller Weinreich
PA3677	**Association between blood eosinophil counts and inhalation therapy with one year mortality following an exacerbation of COPD.** Peter Ascanius Jacobsen (Aalborg, Denmark), Yunus Çolak, Shoaib Afzal, Kristian Kragholm, Christian Torp-Pedersen, Ulla Møller Weinreich
PA3678	**Chronic obstructive pulmonary disease and Vitamin K antagonism: A cohort study of 1-year all-cause mortality and risk of hospitalization due to a severe exacerbation of COPD** Bård-Emil Vang Gundersen (Virum, Denmark), Anna Kubel Vognsen, Josefin Eklöf, Pradeesh Sivapalan, Allan Linneberg, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen
PA3679	**The Association between COPD Exacerbations and Cardiopulmonary Events: An Observational Study in Israel** Neville Berkman (Jerusalem, Israel), Samah Hayek, Uri Gottlieb, Nir Treves, Roni Yahalom, Kirsty Rhodes, Idit Livnat, Adva Yarden, Galit Shaham, Claudia Cabrera
PA3681	**Acute cardiovascular events following a severe COPD exacerbation – incidence, association with treatments, and impact of the COVID-19 viral pandemic** Josefin Sundh (Örebro, Sweden), Christer Janson, Jens Ellingsen, Andrei Malinovschi, Björn Wettermark, Elin Dahlén, Brian Kirui, Huiqi Li, Fredrik Nyberg
PA3682	**Seasonal trends of outpatient-treated COPD exacerbations by COVID-19 and air pollution** Lies Lahousse (Ghent, Belgium), Delphine Vauterin, Kaat-Renée Deforce, Frauke Van Vaerenbergh
PA3683	**Influenza and pneumococcal vaccine hesitancy and associated factors among patients with acute exacerbations of COPD: a cross-sectional study** Ye Wang (Beijing, China), You Xin, Ruoxi He, Xiaoxia Ren, Ting Yang, Xiaoyou Su

PA3684 **Characterizing ECOPD phenotypes: associations with in-hospital outcomes and immunoinflammatory mechanisms**
Qin Wang (Chengdu, China), Lei Wang, Li Zhang, Chongyang Zhao, Ying Liu, Lei Liu, Lishan Yuan, Min Feng, Gang Wang, Li Li, Shuwen Zhang, Yulai Yuan, Deying Kang, Xin Zhang

PA3685 **Current management of COPD patients with high exacerbation risk in China**
Kai Yang (Shenzhen, China), Fengyan Wang, Dandan Chen, Jinbao Wu, Jing Wang, Tingfeng Yu, Ruling Dai, Hongying Yang, Lingwei Wang, Rongchang Chen

PA3686 **The association of adherence to maintenance inhaled therapy with mortality and exacerbations in COPD**
Márta Kamocsai (Győr, Hungary), Margit Bíró, Krisztina Vincze, Balázs Sánta, László Németh, Tamás Balázs, Zsófia Lázár

PA3687 **Blood eosinophil thresholds and characteristics of COPD patients: the Palomb cohort**
Nolwenn Jestin-Guyon (Bordeaux, France), Laurent Falque, Laurent Nguyen, Annaig Ozier, Alain Bernady, Zamira Betancourt-Rial, Emilie Berteaud, Julien Casteigt, Frédéric Le Guillou, Jean Moinard, Mohamed Staali, Cécilia Nocent, Mathieu Molimard, Chantal Raherison-Semjen

PA3688 **Social inequalities in COPD incidence, mortality and exacerbations in a large Italian cohort**
Chiara Sorge (Rome, Italy), Angelo Nardi, Giuseppe Corbo, Nera Agabiti, Giulia Cesaroni

PA3689 **Shifts in asthma exacerbator profiles pre- and post-COVID-19: A retrospective study in Singapore**
Gerald Ng (Singapore, Singapore), Ming Ren Toh, Xingdi Wen, Adam Quek, Shao Wei Lam, Ngiap Chuan Tan, Mariko Siyue Koh

PA3690 **Risk factors for asthma-related mortality and life-threatening asthma attacks in children – a systematic review**
Aleksandra Gawlik-Lipinski (Market Harborough, United Kingdom), Sarah Hassen, Manisha Ramphul, Erol Gaillard, Jenni Quint, Clare Gillies, David Lo

PA3691 **Assessing Exacerbation History and Bronchiectasis Management in the US Bronchiectasis and NTM Research Registry (BRR)**
Engin L (Mölndal, Sweden), Claudia Cabrera, Rod Hughes, Fred Reid, Gabriel Abreu, Wayne Brailsford, Amanda Brunton, George Solomon, Emily Henkle

PA3692 **Disease trajectory and treatment escalation in severe asthma: a retrospective analysis of data from the optimum patient care research database**
Matthew Chad Eastwood (belfast, United Kingdom), Ron Mcdowell, John Busby, Pamela Jane Mcdowell, David Price, Liam Heaney

PA3693 **Antibiotics for nonspecific upper respiratory tract infections and exacerbation risk in children with asthma**
Cristina Longo (Laval, Canada), Carmen Canete Ramirez, Amélie Forget, Marie-Élaine Métras, Ana Blanchard, Tibor Schuster, Lucie Blais

PA3694 **The relationship of material deprivation with emergency or unplanned healthcare utilisation in adults with Chronic Obstructive Pulmonary Disease: analysis from an Asthma + Lung UK survey**
Keir E. J. Philip (London, United Kingdom), Ajoke Adesibikan, Parris J Williams, Andrew Cumella, Anna Francis, Anthony A Laverty, Nicholas S Hopkinson

PS-2 Session 311 12:30 - 14:00

Poster session: Pleural and interstitial lung diseases: diagnosis, prognosis and clinical challenges

Disease(s) : Interstitial lung diseases | Respiratory critical care | Thoracic oncology | Airway diseases

Method(s) : Public health | General respiratory patient care | Endoscopy and interventional pulmonology | Surgery | Imaging | Pulmonary function testing | Pulmonary rehabilitation | Epidemiology

Chairs : Michele Mondoni (Cremona (CR), Italy), Gauravkumar Sanjaybhai Bhatti (Surat (Gujarat), India)

PA3695 **Establishment and validation of risk prediction model for pulmonary hypertension associated with interstitial lung disease**
Qian Jin (, China), Yi Kang, Yali Guo, Yuguang Wang

PA3696 **Impact of pleural effusion detected at diagnosis and follow-up on the outcome of patients with lung cancer.**
Güntülü Ak (Eskişehir, Turkey), Nicat Aghayev, Selma Metintas, Muzaffer Metintas

PA3697 **Incidence and outcomes of chylothoraces: A multicentre study**
Jessica Chan (Newcastle, Australia), Cameron Mckenzie, Sophie Edgell, Vineeth George

PA3698 **Influence of air pollution on the onset and severity of spontaneous pneumothorax in a Tunisian industrial area**
Sabrine Majdoub Fehri (Nabeul, Tunisia), Oumayma Aggouni, Anis Werghemmi, Asma Fattoumi, Hamida Kwas

PA3699	**Variations in clinical practice and research priorities in pleural disease- IMPACT CRC Survey Results** Fathimath Farah Shiham (Bristol, United Kingdom), Sina Ahmadzai, Francesca Gonnelli, Steven Walker, Federico Mei, Jane Shaw, Uffe Bodtger
PA3700	**Well-equipped pleural procedures trolley would be lifesaving.** Khaled Al-Shair (Manchester (Greater Manchester), United Kingdom), Abdul Ashish, Imran Aziz
PA3701	**Preventable deaths from chest drain misplacement: a national 10-year report on coroner inquiries** Carl Reynolds (London, United Kingdom), Ian Chan
PA3702	**A prospective national cohort study of patients with secondary spontaneous pneumothorax assessing the impact of frailty at diagnosis on mortality and hospital admission.** Eleanor Barton (Bristol, United Kingdom), Roxanna Short, Alessia Verduri, Jonathan Hewitt, Ben Carter, Nick Maskell
PA3703	**Construction of a neural network diagnostic model for idiopathic pulmonary fibrosis and investigation of immune infiltration characteristics** Qian Jin (, China), Yi Kang, Yali Guo, Yuguang Wang
PA3704	**The relationship between sarcopenia and prognostic markers in patients with idiopathic pulmonary fibrosis** ülkü ARDIL (Istanbul, Turkey), Gulfer Okumuş, Melike Sarıtaş Aslan, Görkem Durak, Mehmet Şükrü Ertürk, Abdurrahman Avcıoğlu, Aysel Yıldız Özer, Züleyha Bingöl
PA3705	**Diaphragmatic ultrasound and inspiratory muscle strength in patients with fibrotic interstitial lung disease** Ebru Duran (Eskişehir, Turkey), Hüseyin Yıldırım, Senay Yılmaz, Füsun Alataş, Guntulu Ak
PA3706	**Prognostic value of anti-Ro52 antibodies in Anti-Synthetase Syndrome** Houda Snene, Syrine Ben Taleb, Hend Abid, Donia Belkhir, Sirine Daoud, Hana Blibech, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir
PA3707	**Diagnostic difficulties in ANCA vasculitis revealed by pulmonary involvement** Houda Snene, Hend Abid, Syrine Ben Taleb, Hana Blibech, Sirine Daoud, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir
PA3708	**Pulmonary amyloidosis in Sjogren's syndrome: a case report and literature review** Yuling Zhang (Chengdu, China)
PA3709	**Difficulties in diagnosing anti-synthetase syndrome with negative immunological assessment** Houda Snene, Syrine Ben Taleb, Hend Abid, Donia Belkhir, Sirine Daoud, Hana Blibech, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir
PA3710	**Late Breaking Abstract - How to diagnose granulomatous-lymphocytic interstitial lung disease in primary immunodeficiencies: an international clinical practice guideline.** Annick van de Ven (Groningen, Netherlands), Heba Bintalib, Maria Rojas Reyes, Leif Hanitsch, Jesper Davidsen, Francesco Cinetto, Joe Jacob, Borre Fevang, Cinzia Milito, Marion Malphettes, Joris Van Montfrans, Filomeen Haerynck, Friedolon Strauss, John Routes, Paul Maglione, Carlyne Cool, Mariana Calderon-Jaramillo, Bruna Rodriges, Maud Celerier, Xime Lopez Mujica, Maria Trujillo Martin, Klaus Warnatz, John Hurst
PA3711	**Are antifibrotic treatment responses different in ıdiopathic pulmonary fibrosis patients with and without combined pulmonary fibrosis and emphysema?** Nazli Hüma Teke (İstanbul, Turkey), Meltem Ağca, Ayla Türkar, Tülin Sevim, Eylem Tuncay, Sinem Güngör, Elif Yıldırım, Fatma Özbaki, Baran Gündoğuş, Sibel Arınç, Huriye Berk Takır, Ipek Özmen
PA3712	**Audit on analysis of spontaneous pneumothorax management practices in a NHS trust** Jeet Thacker (Birmingham, United Kingdom), Chanaka Jayawerdena, Niranjana Rajesh, Iyad Ismail
PA3713	**Treatment and clinical course of lymphangioleiomyomatosis – single center experience** Dina Rnjak (Zagreb, Croatia), Marko Banić, Feđa Džubur, Goran Glodić, Mateja Janković Makek, Kristina Krpina, Tea Lovrić, Martin Matošić, Dina Mihelčić Korte, Nika Miladin, Lucija Miočić, Andreja Moćan, Mira Pevec, Lorna Radman, Miroslav Samaržija, Ana Hećimović
PA3714	**Combined bronchoscopic and video-assisted thoracoscopic surgery (VATS) occlusion of an anatomically challenging postpneumonectomy bronchopleural fistula (BPF) using an Amplatzer occluder in a patient with chronic pleural empyema: a case report** Oleksii Prokopchuk (Heidelberg, Germany), Florian Eichhorn, Hauke Winter, Judith Brock, Felix Herth, Konstantina Kontogianni

PS-20 Session 312 12:30 - 14:00

Poster session: Changes in lung function: determinants, modifiers and outcomes

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health Imaging Cell and molecular biology

Chairs : Ben Knox-Brown (Moulton, United Kingdom), Obianuju Beatrice Ozoh (Lagos, Nigeria)

PA3715 **Sex differences in COPD in relation to smoking exposure: A population-based cohort study**
Yunus Çolak (Espergærde, Denmark), Børge G Nordestgaard, Peter Lange, Shoaib Afzal

PA3716 **Lifetime hormonal exposure and lung function in women: A cross-sectional analysis from the CONSTANCES cohort**
Assia Oufella (Villejuif, France), Laurent Orsi, Marie-Christine Delmas, Orianne Dumas, Rachel Nadif, Sofiane Kab, Anna Ozguler, Marie Zins, Nicolas Roche, Thierry Perez, Marianne Canonico *, Bénédicte Leynaert *

PA3717 **Staging of airflow limitation according to GOLD, STAR and FEV1Q differ in relation to mortality in COPD patients in the Swedish National Airway Register**
Oskar Wallström (Göteborg, Sweden), Helena Backman, Caroline Stridsman, Fredrik Nyberg, Lowie Vanfleteren

PA3718 **The added value of lung function in allostatic load scoring for mortality risk assessment: data from the Austrian LEAD Study**
Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Ahmad Karimi, Daisy J. A. Janssen, Bart Spaetgens, Sylvia Hartl, Robab Breyer-Kohansal, Marie-Kathrin Breyer

PA3719 **Trends in prevalence of PRISm and RSP: Pre- and post-bronchodilator spirometry**
Ruonan Pei (Edinburgh, United Kingdom), Ting Shi, Ximing Liao, Jing Gao, Kun Wang, Wujian Xu

PA3720 **Discrepancies Between Observed and Self-Classified Race in Spirometry Interpretation: Insights from the Canadian Longitudinal Study on Aging**
Amin Adibi (Vancouver, Canada), Emily P. Brigham, Chris Carlsten, Peter Loewen, Don D. Sin, Mohsen Sadatsafavi

PA3721 **Total lung capacity and spirometric patterns – a general population study**
Tomi Myrberg (Södra Sunderbyn, Luleå, Sweden), Anne Lindberg, Caroline Stridsman, Eva Rönmark, Linnea Hedman, Helena Backman

PA3722 **Factors associated with low lung function in young adults in Karachi, Pakistan.**
Shama Razzaq (Hong Kong, China), Asaad Ahmed Nafees, Unaib Rabbani, Muhammad Irfan, Andre Fs Amaral

PA3723 **Emphysema Severity Index (ESI): a new spirometric parameter in epidemiology**
Laura Carrozzi (Pisa (PI), Italy), Sara Maio, Giovanni Viegi, Francesco Pistelli, Giuseppe Sarno, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Patrizia Silvi, Giovanni Cenerini, Michele Paladina, Mariaelena Occhipinti, Matteo Paoletti, Sandra Baldacci, Massimo Pistolesi

PA3724 **Impact of primary care related predictors on mortality risk in obstructive airway diseases**
Frauke Van Vaerenbergh (Ninove, Belgium), Delphine Vauterin, Maxim Grymonprez, Guy Joos, Lies Lahousse

PA3725 **The value of genotyping in Alpha-1 Antitrypsin Deficiency (AATD) diagnosis**
Marina de la Escosura Muñoz (Pamplona, Spain), Pablo Sanchez-Salcedo, Carlos Idoate Domenech, Ana Jose Martin Serrablo, Sergio Miguel Curi Chercoles, Pilar Cebollero Rivas

PA3726 **White blood cells and respiratory outcomes in the Nordic BOLD follow-up study**
Lucia Cestelli (Bergen, Norway), Andre Amaral, Bryndis Benediktsdottir, Thorarinn Gislason, Rain Jogi, Andrei Malinovschi, Rune Nielsen, Christer Janson

PA3727 **Novel chronic obstructive pulmonary disease case-finding strategy based on the National COPD Screening Programme**
Qing Liu (Beijing, China), Hongtao Niu, ruirui Duan, Ting Yang

PA3728 **COPD Mortality in 2022 in Spain. Differences with AMI mortality?**
Felipe Villar Alvarez (Madrid, Spain), Ana Roncero Martín, Jordi Gisbert Soler, Juan Moreno González, Luciano Escudero Herrera, Eunice Funenga Fitas, Jesús Medina Alonso, Joaquín Sánchez-Covisa Hernández, Alejandra De Las Heras Gaite, Eduardo Fernández Díaz-Crespo, Enrique Barceló González, Cristina García Sánchez, César Velasco Muñoz, Ana Pérez Dominguez

PA3729 **Associations between inflammation-related plasma proteins and lung function in adolescents from the general population**
Karin Ersson (Uppsala, Sweden), Kjell Alving, Christer Janson, Henrik Johansson, Andrei Malinovschi

PA3731 **Metabolic comorbidities in Preserved Ratio Impaired Spirometry (PRISm): A systematic review and meta-analysis**
Robert Chapman (London, United Kingdom), Daryl Cheng, Rishi Gupta, John Hurst, Joseph Jacob

PA3732	**Frequency and characteristics of emphysema in adults with FLNA gene variations: a single-center preliminary study.** Arthur Michalski (Lille, France), Catherine Vincent-Delorme, Silvia Demoulin-Alexikova, Thomas Smol, Paul Felloni, Olivier Le Rouzic, Thierry Perez, Nathalie Bautain, Lidwine Wemeau, Malika Balduyck, Farid Zerimech, François Pontana, Pascal Delsart, Emeline Cailliau, Cécile Chenivesse, Victor Valentin
PA3733	**Status of Alpha-1antitrypsin deficiency (AATD) Screening in Chronic Obstructive Pulmonary Disease (COPD) Patients in Pulmonology Units of Western Andalusia.** BELEN Muñoz Sánchez (Sevilla, Spain), Armando Falces-Sierra, Ana Fulgencio-Delgado, Antonio Ruiz-Reina, Eva Vázquez-Gandullo, Francisco Luis Gil-Muñoz, Virginia Almadana-Pacheco, Cristina Carrasco-Carrasco, Carmen Cabrera-Galán, Antonio Requejo-Jiménez, Alba Fernández-Boza, Jose Luis Lopez-Campos
PA3734	**Retrospective screening for AATD identification by serum electrophoresis in hospital setting** Veronica Capuano (Monza, Italy), Alberto Aloi, Filippo Biagini, Paola Pettini, Antonio Iuliano

PS-21 Session 313 12:30 - 14:00

Poster session: Occupational and environmental causes of asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Cell and molecular biology General respiratory patient care Physiology Pulmonary function testing

Chairs : Mohamed Fareed Jeebhay (Cape Town, South Africa), Chair to be confirmed

PA3735	**Novel Diagnostic Models for Occupational Asthma from Low-Molecular-Weight Agents Exposure** Eva Suarthana (Montréal (Québec), Canada), Hormoz Nassiri Kigloo, Susan Tarlo, Catherine Lemiere, Hille Suojalehto, Kevin Soon-Keen Lau, Jolanta Walusiak-Skorupa, Bilge Akgündüz, Jacques Pralong, Gareth Walters, Mohsen Sadatsafavi, Christopher Carlsten
PA3736	**A retrospective, multicenter study of biological therapy for occupational asthma.** Andreas Hoheisel (Freiburg, Germany), Ilenia Folletti*, Kateryna Gashynova, Benedikt Jentzsch, Daniele Lillacci, Teyana Pertseva, Marco Dell'Omo, Viktoria Rodionova, Gerhard Hoheisel, Daiana Stolz
PA3737	**Determinants of fractional exhaled nitric oxide levels among workers at risk of occupational asthma in diverse workplace settings** Mohamed Fareed Jeebhay (Cape Town, South Africa), Phinias Mfune, Roslynn Baatjies
PA3738	**A systematic review of the diagnostic accuracy of screening tools for work-related asthma** Gareth Walters (Birmingham (West Midlands), United Kingdom), Ngamjit Knogsupon, Peymane Adab, Rachel Jordan, Christopher Huntley, Siwanon Rattanakanokchai, Samuel Wallbanks
PA3739	**Comorbidities caused by occupational exposure to Chromium: the skin-lung axis** Ali Dehghani (Neiuwegein, Netherlands), Shannah Bennett, Trudeke Möller, Thomas Rustemeyer, Gilbert Wijntjens
PA3740	**Does the specific challenge response mimic usual workplace exposure response in workers with occupational asthma?** Vicky Moore (Coventry, United Kingdom), Sherwood Burge, Christopher Huntley, Gareth Walters
PA3741	**Poor long-term outcome of work-related asthma** Hille Suojalehto (Helsinki, Finland), Jussi Lantto, Irmeli Lindström
PA3742	**Impact of gender on the development of allergic respiratory diseases in the occupational environment** Chaima Habouria (Manouba, Tunisia), Wiem Ayed, Meriem Mersni, Ghada Bahri, Siwar Chemingui, Dorra Brahim, Imen Youssef, Najla Mechergui, Hanene Ben Said, Mejda Bani, Soraya Fenniche, Nizar Ladhari
PA3743	**Respiratory Allergies in Hairdressing and Aesthetics Workers** Salma Abrar (Agadir, Morocco), Abdelkrim Khannous, Hanane Ikrou, Nada Boutbagha, Oussama Halloumi, Selma Abdala, Hind Serhane
PA3744	**Health and Social Factors and their influence on asthma symptoms at work (HANDS-ON Asthma): a primary care and population cross-sectional study** Gareth Walters (Birmingham (West Midlands), United Kingdom), Ngamjit Kongsupon, Peymane Adab, Rachel Jordan
PA3745	**Metal-Induced Work-Related Asthma: Analysis of Clinical Features and Occupational Outcomes** Narjes Belhadj Chabbah (Sahloul University Hospital Sousse Tunisia, Tunisia), Marwa Bouhoula, Rania Nakhli, Imen Kacem, Chaima Sridi, Farah Chelly, Amen Fki, Asma Aloui, Noura Belhadj, Souhaiel Chatti, Maher Maoua
PA3746	**Standardisation of a method for the determination of specific IgE to soybean hull aeroallergen** Victor Guerra-Ruiz (Barcelona, Spain), Maria Florencia Pilia, David Soler-Segovia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Ander Goitisolo Oyon, Iñigo Ojanguren Arranz, Xavier Muñoz Gall, María Jesús Cruz Carmona

PA3747 **PM-bound PAHs influence respiratory function and allergy risk in healthy adults**
Artur Badyda (Warszawa, Poland), Andrzej Chciałowski, Piotr Dąbrowiecki, Dominika Jaskóła-Polkowska, Agnieszka Rzeszotarska, Joanna Korsak, Adam Stańczyk, Dominika Mucha

PA3748 **Inflammatory and immunological effects of environmental pollutants exposure in asthma patients**
David Soler Segovia (Barcelona, Spain), Christian Romero Mesones, David Espejo, Flor Pilia, Iñigo Ojanguren, Victor Guerra Ruiz, Marc Massa Gómez, Carlos Gómez Ollés, Xavier Múñoz Gall, Mº Jesús Cruz Carmona

PA3749 **Assessing the impact of non- tailpipe emissions from traffic on the asthmatic airway (IONA)**
James Scales (London, United Kingdom), Hajar Hajmohammadi, Max Priestman, Luke Mcilvenna, Ingrid De Boer, Anja Tremper, Gang Chen, Helen Wood, Klea Katsouyanni, Ian Mudway, Dave Green, Chris Griffiths

PA3750 **Impact of heat waves on pulmonary function tests in patient with chronic bronchial diseases**
Sara Salvador Fernàndez (Barcelona, Spain), Christian Eduardo Romero Mesones, Maria Florencia Pilia, David Espejo Castellanos, David Soler Segovia, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, María Jesús Cruz Carmona

PA3751 **IONA: Investigating the Relationship Between Traffic-Related Non-Tailpipe Emissions and Airway Inflammation in Adults with Asthma.**
Ian Mudway (London, United Kingdom), Tzer-Ren Ho, Rong Feng, James Scales, Hajar Hajmohammadi, Luke Mcilvenna, Ingrid De Boer, Helen Wood, Max Priestman, Anja Tremper, Gang Chen, Dave Green, Klea Katsouyanni, Chris Griffiths

PA3752 **Long-term exposure to air pollution and risk of adult-onset asthma**
Jiawei ZHANG (Copenhagen, Denmark), Rina So, Marie Bergmann, Stéphane Tuffier, Cale Lawlor, Kajsa Pira, George Napolitano, Ebba Malmqvist, Anna Oudin, Youn-Hee Lim, Zorana Jovanovic Andersen

PA3753 **Impact of climate changes and air quality on asthma-related emergency department visits in a tropical country**
Ming Ren Toh (SINGAPORE, Singapore), Xingdi Wen, Gerald Ng, Shao Wei Lam, Jun Tian Wu, Marcus Ong, David Matchar, Ngiap Chuan Tan, Chian Min Loo, Mariko Koh

PA3754 **Maternal work-related stress prior to conception and airway and skin symptoms in infancy – results of the transgenerational ACROSSOLAR study**
Katja Radon (Munich, Germany), Lisa Stettin, Christian Vogelberg, Dennis Nowak, Tobias Weinmann, Bianca Schaub, Felix Forster

PS-22 Session 314 12:30 - 14:00

Poster session: Enhancing lung health through effective tobacco cessation strategies

Disease(s) : Airway diseases Respiratory critical care Pulmonary vascular diseases Thoracic oncology

Method(s) : Epidemiology Cell and molecular biology Public health Pulmonary rehabilitation Palliative care Physiology General respiratory patient care Imaging

Chairs : Aslı Görek Dilektaşlı (Bursa, Turkey), Andreas M. Matthaiou (Athens, Greece)

PA3755 **Impact of Vaping on Asthma Control**
Mariem FERCHICHI (avignon, France), Fabien Rolland, Florence Le Meunier, Celine Franco

PA3756 **Impact of smoking on pregnant women and their offspring**
Marilyn Urrutia Pereira (Uruguaiana (RS), Brazil), Lucas Pitrez Mocelin, Bárbara Angelo De Moraes, Daniel Barba Kaestner, Bruna Simoneto Marques, Juliana Machado Zimmermann, Natan Oliveira Schimdt, Kayran Negrini Puchales, Maria Luiza Damo Vedana, Anne Martins Batista, Felipe Derré Torres, Dirceu Solé

PA3757 **The importance of parental educational level for exposure to parental smoking and personal smoking**
Linnea Hedman (Luleå, Sweden), Helena Backman, Anne Lindberg, Caroline Stridsman, Eva Rönmark

PA3758 **Passive smoking exposure in asthmatic children in Algeria: A multicenter study**
Redouene Sid Ahmed Benazzouz (Alger, Algeria), Massinissa Massinissa Benyagoub, Azeddine Mekideche, Mohamed Safouane Benazzouz, Leila Boutaghane, Mohamed El Amine Cheddad, Atif Litim, Abdelaziz Brik, Mourad Hamidate, Samy Akroun, Yasmine Amazit, Faiza Hadjersi, Nacer Bouali

PA3759 **Effect of environmental tobacco smoke on respiratory outcomes at birth: a prospective study in Kuala Lumpur, Malaysia**
Sze Chiang Lui (Kuala Lumpur, Malaysia), Asiah Kassim, N. Fafwati Faridatul Akmal Mohamad, Then Moli Othayamoorthy, Shangari Kunaseelan, Fatimah Az Zaharah Suhaimi, Karuthan Chinna, Shahril Abu Bakar, Hamimmah Saad, Nurdalila Sahidan, Yin Hui Leong, Nurhayati Mohd Marzuki

PA3760 **Severe exacerbations trigger towards a first smoking cessation attempt: a nationwide cohort study**
Delphine Vauterin (Ghent, Belgium), Adam E. Lang, Maxim Grymonprez, Kristiaan Proesmans, Lies Lahousse

PA3761	**Smoking cessation using the new drug cytisinicline: Preliminary Real-life data** Konstantina Lyroni (Heraklion Crete, Greece), Irini Foteinaki, Christina Ermidou, Styliani Vizirianaki, Vagia Stamatopoulou, Theofilis Vouis, Natasa Skouloudi, Katerina Antoniou, Sophia Schiza, Ioanna Mitrouska
PA3762	**Characteristics and population-based attack rates of respiratory syncytial virus and influenza hospitalizations among smokers adults—A retrospective study** Stamatoula Tsikrika (Athens, Greece), Georgia Eleni Chrysou, Ioulia Kontolaimou, Eirini Kostakou, Maria Palavra, Evangelos Stefanidis, Gerasimos Metaxas, Christos Georgakopoulos, Dimitris Yfantis
PA3763	**The Impact of Pneumococcal Vaccination Omission in Smokers on Hospitalization and Severe Pneumococcal Disease** Theocharis Georgiadis (Πικέρμι, Greece), Georgios Ioannis Poupouzas, Eleftheria Mizi, Antonios Angelis, Georgia Athanasopoulou, Elena Kraniotaki, Athina Kallimani, Zoi Psaroudaki, Andriana Zouridaki, Kyriaki Ranellou, Athina Argyropoulou, Ioanna Sigala, Ioanna Dimopoulou, Paraskevi Katsaounou
PA3764	**A retrospective analysis regarding the impact of smoking on patients with pneumonia (CAP) admitted in the Emergency Department (ED) of a tertiary care hospital.** Stamatoula Tsikrika (Athens, Greece), Georgia Eleni Chrysou, Ioulia Kontolaimou, Eirini Kostakou, Maria Palavra, Dimitris Yfantis
PA3765	**Maternal thirdhand e-vapour exposure harms offspring lung health in experimental asthma** andrew Thorpe (Sydney, Australia), Chantal Donovan, Richard Y. Kim, Meng Wang, Xu Bai, Hui Chen, Brian G. Oliver
PA3766	**Impact of e-cigarettes on fetal and neonatal lung development** Antonella Gambadauro (Barcellona Pozzo di Gotto, Italy), Simone Foti Randazzese, Francesca Galletta, Sara Manti
PA3767	**The effect of E-cigarette smoking on metal exposure and cardio-respiratory systems.** Karin Yaacoby-Bianu (Haifa, Israel), Einat Fireman Klein, Meital Paz Tzruia, Stav Regev, Galit Livnat
PA3768	**Carbonyls emissions during vaping of herbal tea sticks** Efthimios Zervas (Patra, Greece), Niki Matsouki, Chara Tsipa, Zoe Gareiou
PA3769	**Nicotine dependence of adolescent smokers with asthma** Ardjouna Manaa (Setif, Algeria), Billel Rekaibi, Lamia Kara, Maroua Redjachta, Dounia Oumert, Souad Bouaoud, Mohamed Bougrida, Abbes Mahnane, Belkacem Bioud
PA3770	**Father's smoking initiation in puberty as associated with accelerated ageing in offspring** Juan Pablo López-Cervantes (Bergen, Norway), Negusse T. Kitaba, Gerd Toril Mørkve Østergaard, Vivi Schlünssen, Christer Janson, Francisco Javier Callejas-González, Shyamali C. Dharmage, Karl A. Franklin, Mathias Holm, Oskar Jogi, Caroline Lodge, Andrei Malinovschi, Elin Helga Thorarinsdottir, Randi J. Bertelsen, Simone Accordini, John W. Holloway, Cecilie Svanes
PA3771	**Prevalence and characterization of synthetic oral nicotine pouch use in Canadian post-secondary students** Nicolle J. Domnik (Kingston (ON), Canada), William G. Turner, Bhagya Natarajan, Elizabeth M. Bignell, Nicole Lewis, Claerwen A. Sladen-Dew, Stephanie Adeseiye, Matthew D. James, J. Alberto Neder, Wilma M. Hopman, Sebastian Rodriguez Llamazares
PA3772	**Effectiveness and safety of cytisine: approach from a specialized smoking cessation unit.** Leire San Juan Redondo (Portugalete, Spain), Laura Cortezón Garces, Teresa Bretos Dorronsoro, Carlos Caldera Fernández, Sonia Castro Quintas, Sandra Pedrero Tejada, Milagros Iriberri Pascual
PA3773	**Hospital smoking cessation services audit: Evaluating acceptance rates for smoking cessation interventions and burden of smoking related health conditions in hospitalized smokers.** Ali Hassan (Preston, United Kingdom), Tousif Baig, Syed Mehdi, Menaka Velewitharamalage, Sanjeewa Hettiarachchi, Tanmay Jain
PA3774	**Combination therapy of cytisinicline and NRTs may increase smoking cessation rates** Aliki Korkontzelou (Athens, Greece), Vasiliki Belitsi, Danalatoy Rachil, Paraskevi Katsaounou

PS-23 Session 315 12:30 - 14:00

Poster session: Novel insights into paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Pulmonary function testing General respiratory patient care Physiology Epidemiology Cell and molecular biology Public health

Chairs : Kelechi Ugonna (Hathersage (Derbyshire), United Kingdom), Emma Raywood (London, United Kingdom)

PA3775	**Sensitivity and specificity of asthma diagnostic tests in children** Laura Healy (Manchester, United Kingdom), Andrew J Simpson, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen J Fowler, Angela Simpson, Clare S Murray

PA3776	**Measuring Bronchodilator Response in Children: Which interpretation method is best?** Jane Kirkby (Sheffield, United Kingdom), Layla Austerberry, Zaib Choudry, Danielle Marshall, Karen O'Donnell, Royston Andrew, Sonal Kansra, Kelechi Ugonna
PA3777	**The Effect of Test Availability on the Performance of NICE Guidelines for the Diagnosis of Asthma in Children** Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Angela Simpson, Clare Murray, Stephen Fowler
PA3778	**Enhancing the Diagnostic Sensitivity of Asthma in Children: The Impact of Repeat FeNO Testing** Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Clare Murray, Stephen Fowler, Angela Simpson
PA3779	**NICE Guidelines for the Diagnosis of Asthma in Children** Andrew Simpson (Hull, United Kingdom), Laura Healy, Ran Wang, Miriam Bennett, Liam Whipday, Lisa Willmore, Stephen Fowler, Angela Simpson, Clare Murray
PA3780	**Comparison of spirometric bronchodilator responsiveness (BDR) in asthmatic preschool children using 2005 or 2021 ATS/ERS guidelines** Luciano Enrique Busi (Trelew (Chubut), Argentina), Peter David Sly
PA3781	**Age-Related Variations in Asthma Control, Spirometric Patterns, and Forced Expiratory Time in Pediatric Patients** Khouloud Kchaou (Ariana, Tunisia), Soumaya Rebay, Chaima Briki, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine
PA3782	**The association of latent classes with respiratory symptoms and treatment in unselected schoolchildren** Anja Maria Schaffer (Graz, Austria), Rebeca Mozun, Anne-Christianne Kentgens, Torben Zimmermann, Maria Christina Mallet, Claudia E. Kuehni, Philipp Latzin, Jakob Usemann, Alexander Möller, Sereina A. Herzog, Florian Singer
PA3783	**Quality of Life in Children with low Post-Bronchodilator FEV1/FVC ratio** Nadia BEN LAZREG (sousse, Tunisia), Ines Ghannouchi, Mariem Abdesselem, Nesrine Jeballah, Jihene Bouguila, Sonia Rouatbi
PA3784	**Switching from GLI 2012 to GLI global 2022 reference equations changes spirometry interpretation in children** Mark Tuazon (London, United Kingdom), Mollie Riley, Emma Fettes, Paul Aurora
PA3785	**Assessing spirometric parameters in children with sickle cell disease: GLI Global vs. race-specific normative equations** Jacob McCoy (Toronto, Canada), David Wilson, Hartmut Grasemann
PA3786	**Lung function at age 18 in a cohort of children born very preterm** Alberto Terminiello (Empoli, Italy), Chiara Astori, Beste Özsezen, Claudia Calogero, Grazia Fenu, Paolo Del Greco, Chiara Caparrelli, Franca Rusconi, Enrico Lombardi
PA3787	**Respiratory function tests in patients with Klinefelter syndrome** Luigi Matera (Rome, Italy), Raffaella Nenna, Enea Bonci, Sara Ialongo, Chiara Urbano, Laura Petrarca, Maria Giulia Conti, Enrica Mancino, Antonella Frassanito, Greta Di Mattia, Giancarlo Tancredi, Fabio Midulla
PA3788	**Outcomes of CPET in a cohort of obese children and young people** Joe Madge (Leicester, United Kingdom), Naomi Dayman, Anbezhil Subbarayan, Eman Kamaleldeen, Imad Ahmed, Erol Gaillard
PA3789	**Dysfunctional breathing in obese children during CPET** Joe Madge (Leicester, United Kingdom), Naomi Dayman, Anbezhil Subbarayan, Eman Kamaleldeen, Imad Ahmed, Erol Gaillard
PA3790	**Alpha-1 Antitrypsin Deficiency laboratory testing (AATD EARCO LABNet): External quality assessment** Ilaria Ferrarotti (Pavia (PV), Italy), Joanna Chorostowska-Wynimko, Stefania Ottaviani, Magdalena Pelc, Malika Balduyck, Irene Belmonte, Tomàs Carroll, Timm Greulich, Gerard Mcelvaney, Marc Miravitlles, Francisco Rodríguez-Frías, Marie-Françoise Odou, Adriana Rozy, Susana Seixas, Martina Veith, Farid Zerimech, Angelo Guido Corsico, Maria Cristina Monti
PA3791	**A novel taste test development in young children (TasTY) aged 3-6 years with and without SARS-CoV-2 infection** Anne Schlegtendal (Bochum, Germany), Johannes Weißenfeld, Christoph Maier, Thomas Lücke
PA3792	**Predictive value of eosinophil cationic protein to lymphocyte in children with chronic cough** Gaeun Kim (Daegu, Republic of Korea), Jun Chul Byun, Hee Joung Choi

PA3793 **Patient reported outcomes in children with asthma: Correlation between Paediatric Asthma Quality of Life Questionnaire (PAQLQ) and International Consortium for Health Outcomes Measurement (ICHOM) paediatric overall health standard set scores**
Hemajothi Krishnan (Singapore, Singapore), Yi Hua Tan, Soh Yan Tan, Fang Hong, Mary Hoon, Li Hong Wei, Liling Lai, Arun Pugalenthi, Oon Hoe Teoh, Zai Ru Cheng, Duo-Tong Cheng, Liang Yi Justin Wee, Chun Yi Ting, Thomas Adi Kurnia Susanto, Oh Moh Chay, Anne Goh, Maria Arquillo, Girija Savithri Thekkinakam Velliyottillam, Biju Thomas

PA3794 **Late Breaking Abstract - Longitudinal lung function measurements in autonomously breathing sheep using the Tremoflo C-100 (Forced Oscillation Technique)**
Tim Brokken (Maastricht, Netherlands), Sophie Neuen, Matthias Hütten, Daan Ophelders, Lennart Lundblad, Niki Reynaert, Sami Simons, Tim Wolfs

PS-24 Session 316 12:30 - 14:00

Poster session: Paediatric asthma: novel mechanistic and diagnostic insights

Disease(s) : Airway diseases

Method(s) : Epidemiology Cell and molecular biology Public health Pulmonary function testing Physiology General respiratory patient care

Chairs : Christiane Lex (Goettingen, Germany), Chair to be confirmed

PA3795 **Sex differences in asthma control in relation to differences in absolute lung volumes in adolescents.**
Jon Konradsen (Sollentuna, Sweden), Lowie Vanfleteren, Caroline Stridsman, Helena Backman*, Magnus Ekström*

PA3796 **Sublingual immunotherapy in children with asthma – a population-based register study**
Jon Konradsen (Sollentuna, Sweden), Cecilia Lundholm, Anna Hedman, Caroline Stridsman, Hanna Karim, Bronwyn Brew, Emma Caffrey Osvald, Samuel Rhedin, Maria Ingemansson, Catarina Almqvist

PA3797 **Allergological Profile of Skin Sensitization to Olive Tree Pollen in Tunisian Children**
HAIFA BENROMDHANE (MANOUBA, Tunisia), Hela Cherif, Ghada Berkaoui, Soumaya Debbiche, Rihab Kefi, Salma Mokaddem, Ferdaous Yangui, Mohamed Ridha Charfi

PA3798 **Diagnosing asthma in children: the fine lines between over- and underdiagnosis and over- and undertreatment**
Marieke van Horck (Roermond (LI), Netherlands), Casper Gijsen, Edward Dompeling, Amy Sieben

PA3799 **Complementary asthma attacks predictors: Salivary microbiome, inflammatory mediators, and attacks history**
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Paul Brinkman, Anne H Neerincx, Susanne Jh Vijverberg, Simone Hashimoto, Jelle M Blankestijn, Jan Willem Duitman, Tamara Dekker, Barbara S Smids, Suzanne Wj Terheggen-Lagro, René Lutter, Nariman K. A. Metwally, Fleur Sondaal, Eric G. Haarman, Peter J. Sterk, Ian M. Adcock, Charles Auffray, Corinna Bang, Aruna T. Bansal, Heike Buntrock-Döpke, Klaus Bønnelykke, Andrew Bush, Bo Lund Chawes, Kian Fan Chung, Paula Corcuera-Elosegui, Sven-Erik Dahlén, Ratko Djukanovic, Louise J. Fleming, Stephen J. Fowler, Andre Franke, Urs Frey, Mario Gorenjak, Susanne Brandstetter, Susanne Harner, Gunilla Hedlin, Michael Kabesch, Nazanin Zounemat-Kermani, Parastoo Kheirolldein, Alexander Kiefer, Jon R. Konradsen, Aletta D Kraneveld, Leyre López-Fernández, Clare S. Murray, Björn Nordlund, Maria Pino-Yanes, Uroš Potočnik, Graham Roberts, Jakob Stokholm, Søren Johannes Sørensen, Olaia Sardón-Prado, Dominick E. Shaw, Florian Singer, Ana R. Sousa, Jonathan Thorsen, Antoaneta A. Toncheva, Nadja H. Vissing, Christine Wolff, Mahmoud I. Abdel-Aziz, Anke H Maitland - Van Der Zee

PA3800 **The intersectionalityy of sex and deprivation on children and young people's experience of emergency acute asthma care in high-income countries - rapid review**
Gargi Naha (Swansea, United Kingdom), Alix Bukkfalvi-Cadotte, Ashrafunnesa Khanom, James Rafferty, Sinead Brophy

PA3801 **FEV1 and eNO reflects clinical characteristics rather than asthma control in children with asthma**
Jisun Yoon (Seoul, Republic of Korea), Min Jee Park, Jeong-Hoon Kim, Dae Jin Song, Woo Kyung Kim, Dong In Suh, Hey Sung Baek, Meeyong Shin, Young Yoo, Jin Tack Kim, Ji Won Kwon, Gwang Cheon Jang, Dae Hyun Lim, Hyeon Jong Yang, Hwan Soo Kim, Ju Hee Seo, Sung Il Woo, Hyung Young Kim, Youn Ho Shin, Ju Suk, Sungsu Jung, Jinho Yu

PA3802 **Association of the gut microbiome in pediatric asthma exacerbations.**
Lisa Bruijnincx (Amsterdam, Netherlands), Shahriyar Shahbazi Khamas, Simone Hashimoto, Elise M. A. Slob, Lieke Noij, Elin T. G. Kersten, Marielle W. Pijnenburg, Gerard H. Koppelman, Susanne J. H. Vijverberg, Olaia Sardón-Prado, Heike Buntrock-Döpke, Alexander Kiefer, Mario Gorenjak, Fleur Sondaal, Corinna Bang, Susanne Brandstetter, Paula Corcuera-Elosegui, Andre Franke, Susanne Harner, Parastoo Kheiroddin, Leyre López-Fernández, Anne H. Neerincx, Maria Pino-Yanes, Uroš Potočnik, Antoaneta A. Toncheva, Christine Wolff, Michael Kabesch, Aletta D. Kraneveld, Mahmoud I. Abdel-Aziz, Anke H. Maitland-Van Der Zee

PA3803 **Swedish cohort study of spirometric phenotype changes in pediatric asthma**
Oscar Sundbaum (Boden, Sweden), Helena Backman, Jon R Konradsen, Caroline Stridsman

PA3804 **Antenatal air pollution, oscillometry and spirometry among children in the MACE birth cohort**
kareshma asharam (DURBAN, South Africa), Rajen Naidoo, Prakash Jeena, Sheena Muttoo, Lisa Ramsay Spangehl

PA3805 **Maternal inhaled corticosteroid use during pregnancy is associated with infant lung function**
Gabriela Martins Costa Gomes (Newcastle, Australia), Adam Collison, Wilfried Karmaus, Carla Rebeca Da Silva Sena, Vanessa Murphy, Bronwyn Brew, Tegan Grace, Paul Robinson, Peter Sly, Urs Frey, Philipp Latzin, Florian Wyler, Craig Pennel, Peter Gibson, Joerg Mattes

PA3806 **Comparative study of forced-oscillometry, spirometry and FeNO in the diagnosis and follow-up of steroid-naïve preschoolers with asthma**
Elpis Hatziagorou (Thessaloniki, Greece), Christos Kogias, Athina Sopiadou, Sotitios Fouzas, Petrina Vantsi, Elissavet-Anna Chrysochoou, Maria Galogavrou, Nikos Gasparis

PA3807 **Positive bronchodilator response after exercise bronchoprovocation test in asthmatic children**
Doris Primrose (Martinez Buenos Aires, Argentina), Magdalena Vocos, Gimena Donth Leger, Carlos Velasco Suarez, Marcela Roque, Juan Manuel Figueroa

PA3808 **Effectiveness of repeated influenza vaccination in Danish children: A nationwide cohort study.**
Sophie Felding Goul (Aarhus C, Denmark), Sune Rubak, Bo Christensen, Linda Huibers, Helene Kildegaard

PA3809 **Bronchial epithelium energetic metabolism and functionality under exacerbation in childhood asthma**
Elisa Celle (Pessac, France), Fabien Beaufils, Guillaume Cardouat, Marilyne Campagnac, Olga Ousova, Jean-William Dupuy, Thierry Leste-Lasserre, Roger Marthan, Pierre-Olivier Girodet, Thomas Trian, Patrick Berger, Pauline Esteves

PA3810 **Comparison of 2005 and 2022 ATS-ERS Bronchodilator Test Criteria in Asthmatic Children**
Andrea Perri (Palermo, Italy), Alessandra Pandolfo, Velia Malizia, Filippo Sapienza, Omar Shatarat, Valentina Lazzara, Rosalia Gagliardo, Giovanni Viegi, Stefania La Grutta

PA3811 **Environmental and Socioeconomic Determinants of Recurrent Wheezing in Children: A Bayesian approach**
Andrea Perri (Palermo, Italy), Alessandra Pandolfo, Velia Malizia, Mirella Profita, Anna Bonomolo, Filippo Sapienza, Omar Shatarat, Valentina Lazzara, Giuliana Ferrante, Rosalia Gagliardo, Giovanni Viegi, Stefania La Grutta

PA3812 **Impact of Airborne Endocrine Disruptors on lung health**
Martina Simonelli (AVERSA, Italy), Ida Cerqua, Sara Perna, Danilo D'Avino, Raffaele Capasso, Armando Ialenti, Antonietta Rossi, Fiorentina Roviezzo

PA3813 **Impact of Meteorological Factors on the Allergic Profile of Tunisian Asthmatic Children**
HAIFA BENROMDHANE (MANOUBA, Tunisia), Hela Cherif, Soumaya Debbiche, Ghada Berkaoui, Rihab Kefi, Salma Mokaddem, Ferdaous Yangui, Mohamed Ridha Charfi

PA3814 **Asthma Diagnostic Pathway: Prospective real-world study**
Maja Jurca (Leicester, United Kingdom), Manisha Ramphul, Abibat Lana, Joe Madge, Charlotte Simpson, Gemma Vissani, Natalie Blyth, Prakash Patel, Safiya Patel, Molla Imaduddin Ahmed, Louise Ryan, David Lo, Erol A. Gaillard

PS-25 Session 317 12:30 - 14:00

Poster session: New insights into paediatric rare lung and airway disease

Disease(s) : Interstitial lung diseases | Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Epidemiology | Imaging | Endoscopy and interventional pulmonology | Surgery | Public health | Physiology | Cell and molecular biology | Transplantation | Respiratory intensive care | Pulmonary rehabilitation

Chairs : Anna Wiemers (Bochum, Germany), Jing Yuan (Beijing, China)

PA3815 **Bridge Bronchus and Beyond: Unraveling the Complexity of Pediatric Bronchovascular Malformations**
Adelina Procopi (Chisinau, Republic of Moldova), Iana Coropceanu, Svetlana Sciuca, Ina Palii, Jana Bernic, Rodica Selevestru, Eva Gudumac

PA3816 **Variability in the interpretation of Radiological Changes in Fibrosing Lung Disease in Childhood Interstitial Lung Disease**
Elias Seidl (Zurich, Switzerland), Srdjan Micic, Michael Zellner, Christian Kellenberger, Simon Veldhoe, Julia Ley-Zaparozhan, Birgit Kammer, Ingrid Krüger-Stollfuss, Alexander Moeller, Matthias Griese

PA3817 **Quality of Life in Turkish Children with Interstitial Lung Disease: Insights from the National ChILD Registry**
Handan Kekec (turkey, Turkey), Tugba Sismanlar Eyüboğlu, Ayse Tana Aslan, Ozge Ulgen, Aslıhan Ozcaglar, Zeliha Basak Polat, Betul Bankoglu Parlak, Aysen Bingol, Seyda Karabulut, Ela Erdem Eralp, Cıgdem Korkmaz, Berrak Oztosun, Gokcen Kartal Ozturk, Bahar Girgin Dindar, Meltem Akgul Erdal, Umay Kavgacı, Esin Gizem Olgun, Fatma Nur Ayman, Zeynep Seda Uyan, Beste Ozsezen, Tugba Ramaslı Gursoy, Pelin Asfuroglu, Mahir Serbes, Mina Hızal, Halime Nayır Buyuksahın, Gozde Cavıldak Karaaslan, Ebru Yalcın, Nagehan Emiralioglu, Yasemin Gokdemir, Sevgi Pekcan, Ayse Ayzıt Kılınc Sakallı, Saniye Girit, Nazan Cobanoglu, Guzin Cinel, Berna Oguz, Diclehan Orhan, Ahmet Cevdet Ceylan, Nural Kiper

PA3818	**Understanding Pulmonary Fibrosis in Pediatric Interstitial Lung Disease:A Comprehensive Analysis** Handan Kekec (turkey, Turkey), Ayse Tana Aslan, Ismail Akdulum, Tugba Sismanlar Eyuboglu, Ozge Ulgen, Yasemin Mocan, Sinem Can Oksay, Deniz Doğru, Uğur Ozcelık, Meltem Akgul Erdal, Figen Gulen, Bahar Girgin Dindar, Ece Ocak, Fatma Nur Ayman, Bahar Aydogan, Gokcen Unal, Fazılcan Zirek, Esin Gizem Olgun, Merve Nur Tekin, Aysen Bingol, Abdurrahman Erdem Basaran, Betul Bankoglu Parlak, Bülent Karadağ, Merve Selcuk Balcı, Almala Pınar Ergenekon, Mehmet Kose, Ali Ersoy, Celebi Yıldırım, Goksen Dılsa Tugcu, Beste Ozsezen, Zeynep Seda Uyan, Ayse Kalyoncu Ucar, Tugba Ramaslı Gursoy, Mahir Serbes, Sedat Oktem, Pelin Asfuroglu, Melih Hangul, Halime Nayır Buyuksahın, Mina Hızal, Gokcen Kartal Ozturk, Ayse Ayzıt Kılınc Sakallı, Ebru Yalcın, Saniye Girit, Sevgi Pekcan, Nagehan Emiralioglu, Nazan Cobanoglu, Guzin Cinel, Yasemin Gökdemir, Berna Oguz, Nural Kiper
PA3819	**Interstitial lung disease in children: ultra-rare genetic variants from national registry of Türkiye** Satı Özkan Tabakçı (Ankara, Turkey), Şule Selin Akyan Soydaş, Gökçen Dilşa Tuğcu, Güzin Cinel, Ayşe Ceren Sağdıç, Uğur Özçelik, Sinem Can Oksay, Çiğdem Korkmaz, Fazılcan Zirek, Handan Kekeç, Figen Gülen, Melih Hangül, Beste Özsezen, Derya Ufuk Altıntaş, Hanife Tuğçe Çağlar, A.Erdem Başaran, Zeynep Seda Uyan, Ali Özdemir, Tuğba Ramaslı Gürsoy, Ebru Yalçın, Nagehan Emiralioğlu, Saniye Girit, Ayşe Ayzıt Kılınç, Nazan Çobanoğlu, Tuğba Şişmanlar Eyüboğlu, Sevgi Pekcan, Yasemin Gökdemir, Berna Oğuz, Diclehan Orhan, Ahmet Cevdet Ceylan, Dilber Ademhan Tural, Nural Kiper
PA3820	**Clinical and imaging presentation in children with surfactant protein C gene mutation, a CRC chILD study** Celine Delestrain (Creteil, France), Eytan Sarfati, Laureline Berteloot, Chiara Sileo, Rola Abou Taam, Harriet Corvol, Christophe Delacourt, Jean-Christophe Dubus, Ralph Epaud, Pascale Fanen, Lisa Giovannini-Chami, Alice Hadchouel, Veronique Houdouin, Eglantine Hullo, Christophe Marguet, Geraldine Labouret, Nicolas Lefevre, Marie Legendre, Camille Louvrier, Marie-Catherine Renoux, Philippe Reix, Cyril Schweitzer, Caroline Thumerelle, Alix De Becdelièvre, Nadia Nathan
PA3821	**Childhood interstitial lung disease in metabolic disorders: prevalence, genotypic and clinical characteristics, and management approaches – an analysis of the chILD-Turkey registry** Merve Selçuk Balcı (Istanbul, Turkey), Fazilcan Zirek, Handan Kekeç, Melih Hangül, Gökçen Kartal Öztürk, Burcu Çapraz Yavuz, Gülay Baş Bilgin, Beste Özsezen, Mina Hızal, Azer Kılıç Başkan, Ali Özdemir, Tugba Ramaslı Görsoy, Nazan Çobanoğlu, Tuğba Şişmanlar Eyüboglu, Nagehan Emiralioğlu, Ahmet Cevdet Ceylan, Berna Oğuz, Diclehan Orhan, Ayşe Ayzıt Kılınç, Saniye Girit, Sevgi Pekcan, Güzin Cinel, Ebru Yalçın, Nural Kiper, Yasemin Gökdemir
PA3822	**Interstitial lung disease in children with inborn errors of immunity: a systematic review** Heidi Schaballie (Gent, Belgium), Julie Willekens, Mariska De Lausnay, Charlotte Adriaensen, Mauro Verhegge, Sabine Van Daele, Petra Schelstraete, Filomeen Haerynck
PA3823	**Impaired renal function within the first twelve months after pediatric lung transplantation** Julia Carlens (Hannover, Germany), Anna Sophie Fiedler, Jens Drube, Nicolaus Schwerk, Carsten Müller, Gesine Hansen, Hendrik Schneider, Len Malte Levermann, Fabio Ius, Dmitry Bobylev
PA3824	**Genetic and Clinical Heterogeneity of Childhood Interstitial Lung Diseases: A Single-Center Experience** Ayyüce Ünlü (Ankara, Turkey), Satı Özkan Tabakçı, Işıl Bilgiç, Şule Selin Akyan Soydaş, Meltem Kürtül Çakar, Gamze Akça Dinç, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Sanem Eryılmaz Polat, Güzin Cinel
PA3825	**Lung malformation requiring double surgical excision in a patient with Niemann-Pick Disease** Mirko Gambino (Erba, Italy), Francesca Castelletti, Michele Ghezzi, Marco Morelli, Andrea Farolfi, Salvatore Zirpoli, Alice Munari, Gloria Pelizzo, Sara Costanzo, Gian Vincenzo Zuccotti
PA3826	**Exploring epithelial dysfunction in primary ciliary dyskinesia** Elizabeth Haughey (London, United Kingdom), Mai Mohamed, Max Schwiening, Jessica Orr, Robert Hirst, Sam Strickson, Xavier Romero Ros, Robert Hynds, E Suzanne Cohen, Christopher O'Callaghan
PA3827	**Genotype-phenotype differences at the time of diagnosis in school-aged children with primary ciliary dyskinesia: an international central European multicentric study** Tereza Holeček Krištofová (Praha, Czech Republic), Peter Durdik, Zuzana Rennerová, Marcela Kreslová, Vendula Martinů, Jiří Uhlík, Žofia Varenyiová, Radim Bláha, Petr Pohunek, Václav Koucký
PA3828	**Sleep Disorders, Quality of Life, and Anxiety Levels of Caregivers in Children with Primary Ciliary Dyskinesia** Ayse Tana Aslan (Ankara, Turkey), Elif Betul Ilgac, Tugba Sismanlar Eyuboglu, Volkan Medeni, Nazmi Mutlu Karakas, Sebnem Soysal Acar
PA3829	**Dental Health and Quality of Life in Children with Primary Ciliary Dyskinesia** Ezgi Kazanci Oztuna (Istanbul, Turkey), Mehmet Sertac Peker, Ela Erdem Eralp, Yasemin Gokdemir, Bulent Karadag
PA3830	**Chest computed tomography use in patients with Primary Ciliary Dyskinesia** Nicola Ullmann (Roma (RM), Italy), Giulia Ormando, Alessandra Boni, Renato Cutrera
PA3831	**Clinical impact of age at diagnosis in pediatric primary ciliary dyskinesia** Nilgun Kula (Ankara, Turkey), Ayse Tana Aslan, Tugba Sismanlar Eyuboglu, Volkan Medeni

PA3832 **A decade of primary ciliary dyskinesia diagnosis in children: insights from a Portuguese tertiary hospital**
Isabel Moitinho de Almeida (Lisboa, Portugal), Margarida Ramalho, Andreia Descalço, Andreia Pinto, Patrícia Dias, Susana S Lopes, Luísa Pereira, Carolina Constant, Teresa Bandeira

PA3833 **Primary ciliary dyskinesia: analysis of symptoms at diagnosis according to genetic defect**
Laura Petrarca (Roma (RM), Italy), Valentina Guida, Raffaella Nenna, Alessandro De Luca, Maria Giulia Conti, Barbara Luongo, Lorenzo Lugo, Giuseppe Cimino, Enrica Mancino, Laura Masuelli, Piercarlo Poli, Fabio Midulla

PA3834 **Clinical Profile and Outcomes of Children with chemical pneumonitis after Hydrocarbon Aspiration: A case series from a Tertiary Care Hospital in Western India**
Jagdish Prasad Goyal (Jodhpur (Rajasthan), India), Sathya Srivatsav, Kalyan Prabhakaran, Nikhil Rajvanshi, Saurabh Agarwal, Bharat Choudhary, Daisy Khera, Prawin Kumar

PS-26 Session 318 12:30 - 14:00

Poster session: Infectious pleural and lung disease

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases

Method(s) : Surgery Imaging Public health Respiratory intensive care Epidemiology

Chairs : Kalliopi Athanassiadi (Athens, Greece), Chair to be confirmed

PA3835 **Isolated costal echinococcosis: management and prognostic outcomes**
Selma Madhi (Ariana, Tunisia), Imen Bouacida, Amina Abdelkebir, Hazem Zribi, Jawher Souilhi, Nizar Fitouhi, Houssem Messoudi, Aymen Laabidi, Mahdi Abdennadher, Adel Margheli

PA3836 **SURGICAL MANAGEMENT OF PULMONARY HYDATID CYSTS IN CHILDREN**
Ali Ben Salem (Tunis, Tunisia), Amina Abdelkbir, Wassim Chaieb, Mahdi Abdennadher, Hazem Zribi, Adel Marghli

PA3837 **Uncommon causes of empyema: Subphrenic collection managed by thoracic approach**
Hamdi Siwar (Ben Arous, Tunisia), Ben Attig Yosr, Saidani Wifek, Abbes Youssef, Ben Jemia Emna, Khefacha Fahd, Mabrouk Aymen, Boudaya Mohamed Sadok

PA3838 **Surgical management of giant hydatid cyst: A single center experience**
Wifek Saidani (Ariana, Tunisia), Imen Bouassida, Amina Abdelkebir, Hanen Smadhi, Mariem Hadj Dahmen, Nadia Azabou, Nizar Fitouhi, Hazem Zribi, Adel Marghli

PA3839 **Thoracic approach for hepatic hydatid cyst: Surgical outcomes and post-operative results**
Wifek Saidani (Ariana, Tunisia), Yosr Ben Attig, Siwar Hamdi, Youssef Abbas, Emna Ben Jemii, Aymen Mabrouk, Mohamed Sadok Boudaya

PA3840 **Surgical management of bronchiectasis in children: Indications, outcomes, and prognostic factors background**
Wifek Saidani (Ariana, Tunisia), Amina Abdelkebir, Hazem Zribi, Imen Bouassida, Jawhar Souilhi, Sarra Zairi, Adel Marghli

PA3841 **Surgery for chronic pulmonary aspergillosis : clinical outcomes from three French expert centers**
Joseph Lamerand (Paris, France), Thomas Maitre, Pierre Mordant, Ludovic Fournel, Matthias Barral, Pascaline Heloret-Choinier, Cendrine Godet, Jacques Cadranel, Marco Alifano, Jalal Assouad, Harry Etienne

PA3842 **Pneumonectomy for chronic lung infection: indications, management, and long-term outcomes of an obsoleting high risk procedure.**
Miyako Hiramatsu (Tokyo, Japan), Hayato Nanami, Toru Kawakami, Kiyomi Simoda, Kozo Morimoto, Takashi Arai, Yuji Shiraishi

PA3843 **Long-term Outcomes of Surgery for Bronchiectasis and Impact on Quality of Life**
FATMA INCHED JEMAL (ARIANA, Tunisia), Amina Abdelkbir, Hazem Zribi, Mehdi Abdenadher, Siwar Hamdi, Marghli Adel

PA3844 **Enzymatic therapy versus VATS for pleural infections: a systematic review and meta-analysis.**
Wilja de Jonge (Amsterdam, Netherlands), Bo Smits, Hans Ket, Josje Altenburg, Jouke Annema, Hans Daniels, Chris Dickhoff, Martijn Van Dorp, Jerry Braun, Daniël Korevaar, David Heineman

PA3845 **Does Albendazole Play a Role in Preventing Lung Hydatidosis Relaps?**
Ibrahim Basin (DENİZLİ, Turkey), Argün Kış, Gökhan Öztürk, Ümit Aydoğmuş

PA3846 **Management and Surgical Treatment of Pleural Empyema: A Single-Centre Experience**
Clarissa Uslenghi (Milan, Italy), Francesco Damarco, Antonio Muscatello, Matteo Maria Bolis, Matteo Calderoni, Lorenzo Bramati, Alessandra Bandera, Alessandro Palleschi

PA3847 **VATS or intrapleural enzymatic therapy for patients with a parapneumonic pleural infection (the VIETS trial): protocol for a multicentre, randomized controlled trial.**
Wilja de Jonge (Amsterdam, Netherlands), David Heineman, Josje Altenburg, Jouke Annema

PA3848 **Surgical management of eso-tracheal fistula in patients with mechanical ventilation dependency**
Abbes Youssef (Ariana, Tunisia), Ben Attig Yosr, Saidani Wifek, Madhi Selma, Ben Jemia Emna, Mabrouk Aymen, Boudaya Mohamed Sadok

PA3849 **SURGICAL MANAGEMENT OF EMPYEMA: OUTCOMES AND INSIGHTS**
FATMA INCHED JEMAL (ARIANA, Tunisia), Bessrour Habib, Messaoudi Houssem, Wafa Ragmoun, Mokhles Lajmi, Saber Hachicha

PA3850 **Hyperinflammatory pleural response mimicking complex pneumonia following Nuss procedures: a case series**
Hendrik van Braak (Amsterdam, Netherlands), Suzanne W. J. Terheggen-Lagro, Joost Van Schuppen, Eline E. Deurloo, Sjoerd A. De Beer, Matthijs W. N. Oomen, Sander Zwaveling, L. W. Ernest Van Heurn, Justin R. De Jong

PA3851 **Advancing Pneumothorax Surgery: The Role of Multiportal and Uniportal VATS**
Zied Chaari (Sfax, Tunisia), Ahmed Ben Ayed, Hala Alimi, Hanen Bouattour, Abdessalem Hentati, Aymen Ben Ayed, Imed Frikha

PA3852 **Pulmonary aspergilloma: surgical approch**
Selma Madhi (Ariana, Tunisia), Amina Abdelkebir, Imen Bouacida, Hazem Zribi, Jawher Soulhi, Nizar Fitouhi, Chaker Jabeur, Houssem Messoudi, Mahdi Abdennadher, Adel Marghli

PA3853 **Pulmonary mucormycosis: a surgical monocenter experience**
Selma Madhi (Ariana, Tunisia), Imen Bouacida, Hazem Zribi, Amina Abdelkebir, Chaker Jabeur, Nizar Fitouhi, Jawher Soulhi, Houssem Messoudi, Mahdi Abdennadher, Adel Marghli

PA3854 **What's Surgical management for a giant bronchogenic cyst?**
Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Ameni Ben Mansour, Imen Bouassida, Henda Neji, Sonia Ouerghi, Hazem Zribi, Adel Marghli

PS-27 Session 319 12:30 - 14:00

Poster session: Novel investigations in respiratory muscle

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Imaging | Pulmonary function testing | Epidemiology

Chairs : Diego Poddighe (Leuven, Belgium), Guilherme Rodrigues (Aveiro, Portugal)

PA3855 **Electrical activation of inspiratory muscles: a frailty marker in COPD patients?**
Mustafa Ertuğrul Yaşa (Ankara, Turkey), Büşra Nur Fındık, Yakup Arslan

PA3856 **Effects of inspiratory muscle training on oxygen consumption and physical activity levels in patients with Parkinson's disease with preserved pulmonary function**
Musa Güneş (Karabuk, Turkey), Meral Boşnak Güçlü, Ayşenur Güvenir, Hatice Ayşe Bora Tokçaer

PA3857 **Randomised crossover trial of oronasal mask vs mouthpiece for mechanical insufflation-exsufflation: Waveform analysis**
Elizabeth Lambrinos (South Coogee, Australia), Pui Wai Ng, Olivia Mcguiness, Maree Milross, Amanda Jane Piper, Collette Menadue

PA3858 **Inspiratory muscle strength as a predictor of maximal exercise capacity in patients with liver cirrhosis**
Bilge Taşkın Gürel (Ankara, Turkey), Onur Keskin, Naciye Vardar Yağlı

PA3859 **The association between frailty and respiratory muscle strength in hospitalised patients with acute exacerbation of COPD**
Aylin Tanriverdi Eyolcu (Çankırı, Turkey), Gulgun Cerci, Furkan Ozdemir, Ozkan Kilic

PA3860 **Effects of the novel individualized respiratory exercise device in healthy adults**
Hikmet Uçgun (Istanbul, Turkey), Buket Akıncı, Çiğdem Emirza Cilbir, Özge Ertan Harputlu, Büşra Ülker Ekşi, Gökşen Kuran Aslan, Esen Kıyan

PA3861 **Respiratory muscle strength in elderly with sarcopenia: preliminary data**
Rafaella Xavier (São Paulo (SP), Brazil), Allan Silva, Andrey Fialcoski, Antonio Vieira, Isabella Silva, Rafaela Silva, Luciana Vieira, Renata Barbosa

PA3862	**Association between hyperinflation, thoracoabdominal asynchrony, and diaphragmatic mobility in moderate to very severe COPD: a cross-sectional study** Juliana M. B. Santos (São Paulo, Brazil), Estéfane C.M. Reis, Thiago F. Pinto, Cibele C. B. Marques Da Silva, Adriana C. Lunardi, Joao S Pais, Regina M. Carvalho-Pinto, Alberto Cukier, Maria C. Chammas, Celso R. F. Carvalho
PA3863	**Fall risk, respiratory muscle strength and posture in patients with COPD** Hidaye YAMIKAN (ANKARA, Turkey), Aynur Demirel, Oguz Karcioglu
PA3864	**Association between diaphragm thickness, inspiratory muscle strength and expiratory peak flow in institutionalized older adults: A cross-sectional study.** Silvana Loana Oliveira Sousa (Murcia, Spain), Felipe Jesús Portillo-Castaño, Felipe León-Morillas, Luis Fernández-Azorín, Thaíza Teixeira Xavier Nobre, Adriana Catarina Souza Oliveira
PA3865	**The hidden burden: obesity's effect on lung function, functional capacity, and asthma control in asthmatic adults** Meltem Kaya (İstanbul, Turkey), Esra Nur Arslan, Turgut Öztutgan
PA3866	**Comparison of aerobic capacity, respiratory muscle strength and sleep quality ın patients with obstructive sleep apnea syndrome of different severities** Filiz Eyüboğlu (İstanbul, Turkey), Mert Ilhan, Tuba Kolaylı Cerezci, Orhan Dalkilic
PA3867	**The Impact of Respiratory Function on Functionality and Mortality in ALS Individuals** Guilherme Fregonezi (Rio Grande do Norte, Brazil), Ana Cristina Medeiros Garcia Maciel, Vanessa Regiane Resqueti, Lariza Maria Costa, Ana Aline Marcelino Da Silva, Jéssica Danielle Medeiros Da Fonseca, Rayane Grayce Silvia Vieira, Karen Pondolfe, Matias Otto Yáñez, Jordi Vilaró, Roberto Vera Uribe, Rodrigo Torres Castro, Giane Amorim Ribeiro-Samora, Danilo Nagem, Ricardo Alexsandro Valentim, Mario Emilio Teixeira Dourado Junior
PA3868	**Voice as a biomarker to detect asthma control and comorbidities: a cross-sectional study** Yan Anderson Pires de Oliveira (São Paulo, Brazil), Fabiano Francisco De Lima, David Halen Araujo Pinheiro, Vitoria Zacarias Cervera, Mariana Lopes Pestana, Marcio Antonio Furlan Jr., Regina M. Carvalho-Pinto, Rosana C. Agondi, Larissa C. Berti, Marcelo Finger, Celso R. F. Carvalho
PA3869	**The Relationship Between the Viscoelastic Properties of Respiratory Muscles and Respiratory Parameters in Individuals with Chronic Obstructive Pulmonary Disease (COPD)** ÖZGE ECEM ŞENEL (istanbul, Turkey), Gul Deniz Yilmaz Yelvar, Seda Tural
PA3870	**Respiratory sarcopenia in hemodialysis patients and its relation to respiratory capacity** Javier Martín Núñez (Granada, Spain), Laura López Lñopez, Miriam Barrales Iglesias, Vanesa García Chumillas, Lourdes Rodríguez Castro, Lucas Vírseda Carrasco, Marie Carmen Valenza
PA3871	**Activity levels and their impact on respiratory sarcopenia and respiratory capacity in hemodialysis patients.** Javier Martín Núñez (Granada, Spain), Alejandro Heredia Ciuró, Ana Delgado Ureña, María Peña Ortega, Lourdes Rodríguez Castro, Lucas Vírseda Carrasco, Marie Carmen Valenza
PA3872	**Respiratory and functional characteristics of people with Guillain-Barré Syndrome: experience from an inpatient rehabilitation centre** Miguel P. Almeida (Senhora Da Hora, Portugal), Inácio Menezes, Rui Santos, Ana Lima, João Carlos Winck, Alda Marques
PA3873	**Investigation of respiratory function, respiratory muscle strength and respiratory parameters recorded during cardiopulmonary exercise test in adults with cystic fibrosis and healthy** Aydan Asli Aksel-Uylar (Ankara, Turkey), Melda Saglam, Ebru Damadoglu, Naciye Vardar Yagli
PA3874	**How burdensome is daily respiratory physiotherapy for adults with Cystic Fibrosis undergoing Elexacaftor/Tezacaftor/Ivacaftor (ETI)?** Elena Salonini (Verona (VR), Italy), Alessandro Gaditi, Riccardo Guarise, Eleonora Salamon, Sara Tomezzoli, Marco Cipolli

PS-28 Session 320 12:30 - 14:00

Poster session: Nursing and digital health

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Palliative care | Public health | Pulmonary rehabilitation | Transplantation | Epidemiology | Respiratory intensive care

Chairs : Liliana Silva (Matosinhos, Portugal), Ricardo Salgado (Lausanne, Switzerland)

PA3875	**Continuous cough monitoring to evaluate tolerance to inhaled antibiotic treatment in patients with chronic bronchial infection** Sally Santisteve (lleida, Spain), Anna Sánchez, Aida Monge, Anna Vila, Carlos Manzano, Ivan Benitez, Ivan Juez, Arturo Morales, Stephanie Swift, Ferran Barbé, Jessica González

PA3876	**A randomized controlled trial of a personalized mHealth-Based management program in asthma patients** (Changchun, China),
PA3877	**Is use of self-administered tablet audiometer for assessing hearing in the clinic environment beneficial for improving patient experience?** Nikki Burke (Leeds, United Kingdom), Guilia Spoletini, Connie Webster, Daniel Peckham
PA3878	**Nicotine Dependence Among Healthcare Workers** Nouha Naanaa (Hammamet, Tunisia), Hiba Ziedi, Nesrine Chaouech, Chaima Habouria, Nadine Khaterchi, Soraya Fenniche Oueslati, Najla Mechergui
PA3879	**Evaluating the sustainability of remote pateint monitoring in an integrated step-down approach of home oxygen in acute illness.** Cielito Caneja (Croydon (Surrey), United Kingdom), Sally Newsome, Amy Grant, Anna Ryan, Christiana Pena, Roshan Siva, Yogini Raste, Dylan Jenkins
PA3880	**Artificial Intelligence in Mechanical Ventilation Nursing: Clinical Applications, Implementation Challenges, and Future Directions** YAN XUE (changchun, China), jing , Hongjing Lin, Zeyu Qin, Xueli Zhang
PA3881	**The impact of telemedicine-based interventions on adherence to CPAP therapy in adults with Obstructive Sleep Apnoea: A systematic review** Karolina Krystyna Glomba (Oranmore (Co Galway), Ireland), Bridget Murray
PA3882	**A Study on the Application Effects of Artificial Intelligence-Assisted Nursing Decision-Making in the Intensive Care Unit (ICU)** Qin Zeyu (Changchun (Jilin), China), Hongjing Lin
PA3883	**Adherence to non-invasive ventilation in amyotrophic lateral sclerosis: a retrospective cohort analysis** Federica Riva-Rovedda (Turin, Italy), Giuseppe Tabbia, Rocco Francesco Rinaldo, Valentina Pennetta, Paolo Solidoro, Andrea Calvo, Valerio Dimonte, Marco Clari
PA3884	**Impact of virtual nurse/pharmacist-led monitoring in patients with interstitial lung disease (ILD) on antifibrotic treatment in a UK ILD specialist centre** Charlotte Crook (Exeter, United Kingdom), Sarah Lines, Belen Carballido-Romero, Victoria Elworthy, Jessica Mandizha, Bridie Mitchell, Ana Rita Paiva, Louise Rowland, Hayley Serjeant, Rebecca Davies, Jessica Moss, Kate Taylor, Anna Duckworth, Amelia Stockley, Stefan Cristian Stanel, Michael Anthony Gibbons, Pilar Rivera-Ortega
PA3885	**A digital self-management programme (BreathTec) compared to standard care PR to support mental health in patients with a chronic respiratory disease: A retrospective analysis.** Matthew Armstrong (Durham, United Kingdom), Karen Heslop Marshall
PA3886	**Telemonitoring of Patients with Chronic Obstructive Pulmonary Disease: Enhancing Empowerment** Anne Dichmann Sorknæs (Svendborg, Denmark), Natassia Kamilla Juul, Lena Lykke Jønch-Clausen, Rikke Lyngholm Christensen
PA3887	**The Role of ILD Clinical Nurse Specialists in enhancing lung transplantation access** Lisa Green (SOLIHULL, United Kingdom), Emma Briggs, Bethany Hemmings, Geraldine Burge, Claire Walker, Gareth Walters, Anne-Marie Russell, P Sherwood Burge, Christopher Huntley
PA3888	**Azithromycin prophylaxis how long is too long?** clare connolly (Galway, Ireland), Rachel O'Neill, Emma Burke, Eimear Nicdhonncha, Stephen Bradish, Michael O'Mahony, Melissa Mcdonnell, Sinead Walsh
PA3889	**Medication adherence and psychological status among patients with Chronic Obstructive Pulmonary Disease (COPD) attending the respiratory clinic at a selected hospital in Jaffna, Sri Lanka** Akindra Kariyawasam (Galle, Sri Lanka), Thakshila Sewwandi, Sutharsini Kunasurgaram, Kanishka Desilva, Kalpana Wijayakumar, Isuri Navoda, Nilushi Nisansala
PA3890	**The use of complementary alternative medicine among patients with chronic obstructive pulmonary disease in Turkey** Gamze Oğuz Erdem (Kagıthane/Istanbul, Turkey), Rahşan Çevik Akyil
PA3891	**End of life care for patients with COPD in the Emergency department: a health care professionals perception** Emma Rickards (St Helens (Merseyside), United Kingdom), Elaine Ball, Joy Probyn, Sarah Sibley, Dennis Wat
PA3892	**Health professionals' perspective on simulation in-situ training as a method for improving care and treatment in respiratory medicine** Anne Klint Madsen (Odense C, Denmark), Laura Trier-Mørch, Helle Marie Christensen

PA3893 **Self-Control Skills of Tuberculosis Patients: A Review of Studies in Turkey**
Gamze Oğuz Erdem (Kagıthane/Istanbul, Turkey), Zehra Aydın

PA3894 **Impact of Personalized Nursing Intervention on Respiratory Function and Quality of Life of Patients with Chronic Obstructive Pulmonary Disease**
Jing Yang (ChangChun, China), Zeyu Qin

PS-29 Session 321 12:30 - 14:00

Poster session: Molecular and immunological pathways in respiratory infection and host defence

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Respiratory intensive care Physiology Epidemiology Public health

Chairs : Chair to be confirmed

PA3895 **AXL Drives Respiratory Viral Entry via GAS6-Dependent Endocytic Pathways: A Broad-Spectrum Therapeutic Target for Influenza and Beyond**
Wenting Zuo (Beijing, China)

PA3896 **A novel anti-Enterovirus D68 inhibitor by binding to the viral capsid and interacting with viral 2C protein**
Huu Y Le (Taoyuan, Taiwan), Jim-Tong Horng

PA3897 **Holistic evaluation of the urbane exposome on wheezing and chest infections: An outcome-wide approach**
Robin Mzati Sinsamala (Bergen, Norway), Augusto Anguita-Ruiz, Alessandro Marcon, Xavier Basagaña, Mariona Bustamante, Maria Foraster, Mireia Gascon, Elisa Llurba, Mark J. Nieuwenhuijsen, Cecília Persavento, Ioar Rivas, María Dolores Gómez-Roig, Jordi Sunyer, Ane Johannessen, Payam Dadvand

PA3898 **AmB exacerbates viral entry via GCase-mediated ceramide-dependent endosomal remodeling**
Di He (Beijing, China)

PA3899 **Effects of tyre and road wear particle (TRWP) on toxicity and respiratory virus infection on iPSC-derived human bronchial epithelium**
Hugo Ombredane (London, United Kingdom), Kiran Nathan, Shyreen Hassibi, Leah Daly, Yuki Yamamoto, Kazuhiro Ito

PA3900 **Lack of S100A8 impairs lung protective immunity against Streptococcus pneumoniae in mice**
Lena Ostermann (Hannover, Germany), Benjamin Seeliger, Konrad Peukert, Carolin Flasche, Regina Maus, Jennifer Stolper, Thomas Vogl, Andreas Pich, Christian Bode, Philippe Tessier, Johannes Roth, Ulrich A. Maus

PA3901 **Etiology of severe community-acquired pneumonia (CAP), associated with non-alcoholic fatty liver disease (NAFLD)**
Roman Razumnyi (Dnipro, Ukraine)

PA3902 **Role of antiviral retinoic acid-inducible gene I (RIG-I) signalling in H1N1 influenza infection on human primary nasal epithelium**
Hugo Ombredane (London, United Kingdom), Kazuhiro Ito

PA3903 **Neutrophil elastase and NETs contribute to disease exacerbation in pleural infection**
Julia Chu (Oxford, United Kingdom), Alguili Elsheikh, Nikita Manoharan, Argyrios Tzouvelekis, Electra Koulousousa, Fotios Sampsonas, Tao Dong, Julian C. Knight, Najib M. Rahman, Nikolaos I. Kanellakis

PA3904 **Dynamic role of virulence and antimicrobial resistance on mortality of Klebsiella spp. infections**
Yunfei Tang (Beijing, China), Chao Liu

PA3905 **Multi-omic analysis of pleural fluid reveals neutrophil heterogeneity in pleural infection**
Yinzhou Feng (Oxford, United Kingdom), Kiki Cano-Gamez, Andrew Brown, Elie Antoun, Julia Y Chu, Alguili Elsheikh, Beenish Iqbal, Nikita Manoharan, Tao Dong, Najib M Rahman, Julian C Knight, Nikolaos I Kanellakis

PA3906 **How Lung Tissue Damage Improves by Moringa oleifera Leaves Extract in Rat Model Pneumonia**
Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Cindy Meidy Leony Pradhana

PA3907 **Longitudinal measurements of cytokines and the probability of survival in septic respiratory tract infections**
Adrian Ceccato (Barcelona, Spain), Veronica Monforte, Berta Cisteró, Laia Puig, Rombout Van Amstel, Lina Kramer, Juan Tajan, Carla Guijarro, Patricia Salom, Aina Areny, Elena Campaña, Marta Camprubi, Antonio Artigas, Lieuwe Bos

PA3908 **Single-cell RNA sequencing reveals macrophage phenotypical and functional regulation by baseline MCMV infections in mice with bacterial pneumonia**
Yan Hu (Beijing, China), Jiawei Shen, Huiying Zhao, Fengxue Zhu, Yanwen Jiang

PA3909	**Pulmonary glycosaminoglycans and fucosylation regulate lung barrier function and defense against S. pneumoniae** Cengiz Goekeri (Berlin, Germany), Kerstin A.K. Linke, Karen Hoffmann, Elena Lopez-Rodriguez, Vladimir Gluhovic, Anne Voß, Sandra Kunder, Andreas Zappe, Sara Timm, Alina Nettesheim, Sebastian M.K. Schickinger, Christian M. Zobel, Leila Bechtella, Gaël M. Vos, Kevin Pagel, Achim D. Gruber, Matthias Ochs, Martin Witzenrath, Geraldine Nouailles
PA3910	**Erdosteine's active metabolite MET-1 enhances antibiotic activity against S.aureus and P.aeruginosa in vitro** Bailey Ramsden (London, United Kingdom), Nicola Allen, Harry Monaghan, Clive Page, Richard Amison
PA3911	**Safety tolerability and proof of pharmacology of a dry powder formulation of the antiviral host defense enhancer INNA-051 in healthy adults aged 18-80** Christophe Demaison (Melbourne, Australia), Francesca Mercuri, Hayley Mcquilten, Nic P West, Grant Mclachlan, Narani Smyth, Nic Kruger, Courtney Crim, Bruce Miller, Ruth Tal-Singer
PA3912	**AS01E-adjuvanted RSV prefusion F protein vaccine (adjuvanted RSVPreF3) reduces RSV acute respiratory illness (ARI)-related complications and medication use in participants with COPD or asthma** Alberto Papi (Cona, Ferrara, Italy), David M G Halpin, Robert G Feldman, Michael G Ison, Tino F. Schwarz, Dong-Gun Lee, Laurence Fissette, Stebin Xavier, Shady Kotb, Marie Van Der Wielen, Jean-Philippe Michaud, - On Behalf Of The Aresvi-006 Study Group
PA3913	**Antiviral siRNA multiplex treatment reduces HPIV3 infection and modulates inflammation in human precision-cut lung slices.** Franziska Dahlmann (Hannover, Germany), Anna Zimmer, Philippe Vollmer Barbosa, Fabian Röpken, Sewald Katherina, Hook Sebastian, Ott Michael, Adrian Schwarzer, Axel Schambach, Armin Braun

PS-3 Session 322 12:30 - 14:00

Poster session: Optimising exercise and measurement in chronic lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care | Thoracic oncology

Method(s) : Pulmonary rehabilitation | Physiology | General respiratory patient care | Pulmonary function testing | Epidemiology | Surgery

Chairs : Anouk W. Vaes (Horn, Netherlands), Enya Daynes (Leicester, United Kingdom)

PA3914	**Peak eccentric cycling exercise and cardiorespiratory responses to normobaric hypoxia versus normobaric normoxia in healthy adults. A randomized-controlled crossover trial.** Carmen Wick (Bremgarten, Switzerland), Esther Constam, Simon Schneider, Anna Titz, Michael Furian, Mona Lichtblau, Silvia Ulrich, Julian Müller
PA3915	**Thoracoabdominal asynchrony during exercise in severe Chronic Obstructive Pulmonary Disease** Miguel Jimenez Gomez (Madrid (Madrid), Spain), Cristina Lalmolda Puyol, Manel Luján Torné, Ana Hernández Voth, Marta Corral Blanco, Laura González Ramos, Javier Sayas Catalán
PA3916	**Factors associated with exercise intolerance in COPD patients with different GOLD stages** Fen Dong (Beijing, China), Jiaze He, Shiwei Qumu, Ting Yang
PA3917	**Addressing Methodological Gaps: A Stratified Meta-Analysis of Beetroot Juice and Exercise Capacity in COPD Patients** Gaspar Rogerio Da Silva Chiappa (Porto Alegre (RS), Brazil), Juliene Sa, Amanda Duarte, Adriana Chiappa, Paulo Muller, Luis Maestu, Leticia Morais, Francisco Santos, Rodolfo Vieira, Alberto Filho, Victor Vaz
PA3918	**Prediction of VO2 Estimates Based on Medications and Clinical Variables in Patients with Coexisting COPD and Heart Failure** Flavia Rossi Caruso (Sao Carlos (SP), Brazil), José Carlos Bonjorno Junior, Nelson Francisco Serrão Junior, Paula Angélica Ricci, Patricia Faria Camargo, Audrey Borghi Silva
PA3919	**Effect of eccentric cycling on oxygen uptake and hemodynamics in patients with chronic obstructive pulmonary disease A randomized controlled, crossover trial.** Julian Müller (Zürich, Switzerland), Aldo Kammerlander, Simon R. Schneider, Michael Furian, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich
PA3920	**Comparing dyspnoea domains and outcomes in COPD: acute exacerbations versus stable disease.** Sophie Elsoueidi (Sutton Coldfield, United Kingdom), Charlotte Leonard, Gillian Doe, Rachael Evans, Sally Singh, Enya Daynes
PA3921	**The effect of comorbidity burden on exercise tolerance in chronic obstructive pulmonary disease** Molly M Baldwin (Leicester, United Kingdom), Theresa C Harvey-Dunstan, Matthew Richardson, Sarah A Edwards, Michael C Steiner, Mike D Morgan, Sally J Singh, O N Behalf Of The Copd-Map Consortium

PA3922 **Does appetite affect catabolic/anabolic response to pulmonary rehabilitation in patients with COPD?**
Timothy O Jenkins (London, United Kingdom), Elyse H Sakelaropoulos, George D Edwards, Karen A Ingram, William D-C Man

PA3923 **Home-based blood flow restricted exercise in COPD: a randomised controlled feasibility study**
Hanoof Aljohani (Loughborough, United Kingdom), Lorna Latimer,, Molly Baldwin, Kumaran Balasundaram, Mei Fong Liew, Neil Greening, Martin Lindley, Lettie Bishop, Michael Steiner, Thomas Ward, Richard Ferguson

PA3924 **AI's effectiveness in fall prevention among elderly patients with acquired frailty Objective**
Tao Yang (Changchun (Jilin), China), Zeyu Qin, Hongjing Lin, Xueli Zhang

PA3925 **Effects of Mechanical Insufflation-Exsufflation on Cough Peak Flow and Respiratory Function in ALS: A Case Series**
Guilherme Fregonezi (Rio Grande do Norte, Brazil), Rayane Grayce Da Silva Vieira, Íllia Nadinne Dantas Florentino Lima, Karen Medeiros Pondofe, Ana Cristina Medeiros Garcia Maciel, Mario Emilio Dourado Júnior, Matias Otto-Yañez, Jordi Vilaro, Rodrigo Torres Castro, Roberto Vera Uribe, Jessica Danielle Medeiros Da Fonseca, Vanessa Resqueti, Antonela Lo Mauro, Andrea Aliverti

PA3926 **Prevalence and clinical correlates of chronic hyperventilation in asthma patients referred for pulmonary rehabilitation**
Duco D. Deenstra ('S-Hertogenbosch, Netherlands), Lennart Conemans, Roy Meys, Miriam Groenen, Martijn A. Spruit, Frits M. E. Franssen

PA3927 **User acceptability of a digital pulmonary rehabilitation (PR) app as an adjunct to usual care**
Pamela Knight-Davidson (Chelmsford, United Kingdom), Festus Meshe, Timothy Jenkins, George Edwards, Suhani Patel, Carmel Moore, Karen Hayden, Graham Ball, Claire Nolan, Karen Ingram, William Man

PA3928 **Impact of pulmonary rehabilitation on functional status in ILD patients – experience of a tertiary hospital**
João José Pereira Sá Couto (Abaças - Vila Real, Portugal), Fátima Barbosa, Teresa Martins, João Silveira, Sofia Lopes, Margarida Afonso, Cidália Rodrigues

PA3929 **Multimodal Prehabilitation to Preserve Cardiorespiratory Fitness during Neoadjuvant Therapy**
Raquel Sebio Garcia (Barcelona, Spain), Yu Xiao Chen, Irene Bello, Noemí Reguart, Maria Jose Arguis, Ricard Navarro-Ripoll, Edgar Iglesias-Garcia, Fernando Dana, Marina Sisó, Graciela Martínez-Pallí

PA3930 **Agreement between different methods describing individual training intensities in pulmonary patients**
Benjamin Sabic (Vienna, Austria), Peter Raidl, Jürgen Scharhag, Marijan Potzmann, Viktoria Peresich, Bianca Rogi, Luisa Ernst, Karin Vonbank

PA3931 **Chronotropic incompetence in Idiopathic Pulmonary Fibrosis (IPF): The potential impact on exercise capacity.**
Ben Bowhay (Abergavenny, United Kingdom), Craig Williams, Chris Scotton, Michael Gibbons, Owen Tomlinson

PA3932 **Acute Effects of Oxygen Administration on Quadriceps Neuromuscular Fatigue in Chronic Obstructive Pulmonary Disease Patients with Chronic Respiratory Failure and Long-Term Oxygen Therapy**
Mara Paneroni (Mazzano (BS), Italy), Carla Simonelli, Beatrice Salvi, Massimo Venturelli, Michele Vitacca

PA3933 **A study on respiratory rehabilitation strategies for patients in respiratory intensive care unit transitioning to home care**
Yanbing Jiang (changchun City, China), Yue Zhang, Hongjing Lin

PS-30 Session 323 12:30 - 14:00

Poster session: Bronchiectasis: disease burden and microbiology

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Endoscopy and interventional pulmonology Public health Imaging

Chairs : Sanjay Haresh Chotirmall (Singapore, Singapore), Tony De Soyza (Newcastle-upon-Tyne, United Kingdom)

PA3934 **Molecular characterisation of bronchiectasis infections in EMBARC-BRIDGE**
Rebecca C Hull (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Rachel Galloway, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

PA3935	**Respiratory pathogen clusters in patients with bronchiectasis: Data from the EMBARC registry.** Fiona Mosgrove (Banchory, United Kingdom), Eva Polverino, Jamie Stobo, Holly Lind, Pierre-Regis Burgél, Charles Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael Lobinger, Rosario Menendez, Antoni Torres, Francesco Blasi, Pieter Goeminne, Felix Ringshausen, Oriol Sibila, Anthony De Soyza, Montserrat Vendrell, Stefano Aliberti, James D Chalmers
PA3936	**Use of inhaled corticosteroids in patients with bronchiectasis and risk of acquiring Haemophilus influenzae infection: a retrospective cohort study** Dil Afrose (Hellerup, Denmark), Christian Philip Rønn, Josefin Viktoria Eklöf, Anna Kubel Vognsen, Louise Lindhardt Tønnesen, Barbara Bonnesen Bertelsen, Jonas Bredtoft Boel, Christian Østergaard Andersen, Ram Benny Christian Dessau, Pradeesh Sivapalan, Jens Ulrik Stæhr Jensen
PA3937	**Bacterial and Mycobacterial Infections in Bronchiectasis in Algeria** Tarek Djenfi (Batna, Algeria), Mohamed Redha Selmani, Rachida Djebaili
PA3938	**Nanopore Sequencing to characterize the Bronchiectasis Resistome – preliminary results from the BRILLIANT study** Lucy Bidgood (Dundee, United Kingdom), Hollian Richardson, Daniela Alferes De Lima Headley, Rebecca Hull, Chandani Hennayake, Thomas Pembridge, Emma Johnson, Holly Lind, Morven Shuttleworth, Kateryna Viligorska, Erin Cant, Helen Liddicoat, David W Connell, Amelia Shoemark, Eve Mcintosh, Kris Ostridge, Adam Platt, Maria Belvisi, Adnan Azim, Merete Long, James D Chalmers
PA3939	**Bacteriology in Swedish patients with idiopathic or post-infective bronchiectasis; early data from an EMBARC center.** Pia Ghosh (Stockholm, Sweden), Nimo Osman, Malin Sande, Nikolaos Lazarinis, James D. Chalmers, Anders Lindén, Apostolos Bossios
PA3940	**Pseudomonas aeruginosa (PA) infection in Bronchiectasis:What predictors and impact?** Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Emna Ben Jemia, Hend Ouertani, Ameni Naaroura, Asma Jarrar, Jihen Ben Amar
PA3941	**Microbial colonization of the lower respiratory tract in stable patients with non-CF bronchiectasis** Barney Isaac (Vellore (Tamil Nadu), India), Oliver Madhale, M Sugumar, Devasahayam Christopher
PA3942	**Outpatient parenteral antibiotic therapy (OPAT) in bronchiectasis care: a retrospective analysis of treatment outcomes and benefits.** Edel Lawless (london, United Kingdom), Jacob Beard, Elaine Bowman, Tasmin Fernandes, Jannah Firdaws, Sari Ihamaki, Maria Mercer, Hazel Russell, Elaine Shattock, Michael. R Loebinger, Ricardo Jose, Anand Shah, Janet Stowell
PA3943	**History of tuberculosis exacerbates bronchiectasis outcomes linked to microbiome alteration** Yen-Fu Chen (Yun-Lin County, Taiwan), Fransiskus Xaverius Ivan, Tavleen Kaur Jaggi, Hsin-Han Hou, Ning Chien, Kai-Zen Lu, Ying-Yin Chen, Zheng-Ci Hung, Jung-Yien Chien, Hao-Chien Wang, Sanjay H. Chotirmall, Chong-Jen Yu
PA3944	**Role of mucus plugs in refractory asthma with bronchiectasis: focus on plug location** Natsuko Nomura (Kyoto, Japan), Naoya Tanabe, Yusuke Hayashi, Mikio Toyoshima, Osamu Matsuno, Nobuyuki Hizawa, Toshiyuki Kita, Koichi Fukunaga, Takuro Sakagami, Naozumi Hashimoto, Mari Miki, Noboru Hattori, Kazuto Matsunaga, Sumito Inoue, Hiroyuki Nagase, Takashi Kijima, Takahiro Tsuburai, Kojiro Otsuka, Hiroaki Iijima, Morio Nakamura, Tetsuji Kawamura, Hironobu Sunadome, Toyohiro Hirai, Hisako Matsumoto, Study On Behalf Of The Bexas
PA3945	**Mortality and exacerbations of carbapenem-resistant Pseudomonas aeruginosa isolation in hospitalized patients with bronchiectasis: a long-term retrospective cohort study** Jibo Sun (Chengdu, China), Lian Wang, Dongguang Wang, Xiang Tong, Hong Fan
PA3946	**Aspergillus spp. Isolation in people with bronchiectasis: data from EMBARC** Mattia Nigro (Milan, Italy), Michal Shteinberg, Oriol Sibila, Lidia Perea, Pierre-Regis Burgel, Eva Polverino, Jennifer Pollock, Natalie Lorent, Katerina Dimakou, Holly Lind, Charles Haworth, Apostolos Bossios, Raja Dhar, Michael Loebinger, Rosario Menendez, Antoni Torres, Andrea Gramegna, Francesco Blasi, Montserrat Vendrell, Pieter Goeminne, Felix Ringshausen, Anthony De Soyza, James D. Chalmers, Stefano Aliberti
PA3947	**Pseudomonas aeruginosa colonisation is associated with eosinophilic inflammation in bronchiectasis.** Rodanthe Nixon (London, United Kingdom), Charlotte Carter, Kyle Micham, Millie Jackson, Christopher Orton, Ley Chan, Anand Tana, Robert Snelgrove, James Tonkin, Justin Garner, Aran Singanayagam, Anand Shah
PA3948	**Bronchiectasis in Italy: an analysis of the EMBARC Registry** Stefano Aliberti (Milano (MI), Italy), Andrea Gramegna, Edoardo Simonetta, Salvatore Battaglia, Federico Dente, Paola Faverio, Oriol Sibila, Katerina Dimakou, Adelina Amorim, Eva Polverino, Jennifer Pollock, Kara Robertson, Martina Santambrogio, Mariangela Retucci, Donatella Nobile, James Chalmers, Francesco Blasi
PA3949	**Late Breaking Abstract - Phosphoglycerate Dehydrogenase-Mediated Serine Reprogramming Aggravates Macrophage Hyperinflammation in P. aeruginosa Pneumonia** Rong Chen (Shanghai, China), Yanan Li, Jieming Qu

PA3950 **The Utility of Bronchoalveolar Lavage (BAL) in Bronchiectasis: A Microbiological Concordance Study**
Martina Lo Casto (palermo, Italy), Alessandro De Angelis, Edoardo Simonetta, Mattia Nigro, Veronica Polelli, Paola Scarano, Angela Tramontano, Emanuele Toni, Davide Giuliani, Beatrice Clemente, Anita Uribe, Manuel Mancuso, Claudia Crimi, Salvatore Battaglia, Stefano Aliberti

PA3951 **Indications and results of bronchoalveolar lavage in bronchiectasis patients**
Alessandro De Angelis (Milano, Italy), Edoardo Simonetta, Mattia Nigro, Veronica Polelli, Paola Scarano, Angela Tramontano, Anita Uribe, Angelica Pistone, Maria Giovanna Caporaso, Martina Lo Casto, Manuel Mancuso, Claudia Crimi, Salvatore Battaglia, Stefano Aliberti

PA3952 **Upper airway microbiome and clinical outcomes in bronchiectasis: the EMBARC-BRIDGE study**
Hayoung Choi (Seoul, Republic of Korea), Hollian Richardson, Chandani Hennayake, Morven Shuttleworth, Arietta Spinou, Kara Robertson, Merete Long, Anthony De Soyza, Felix Ringshausen, Pieter Goeminne, Natalie Lorent, Charles Haworth, Josje Altenburg, Michael Loebinger, Mathieu Bottier, Daniela Headley, Erin Cant, Alison Dicker, Francesco Blasi, Michal Shteinberg, Stefano Aliberti, Eva Polverino, Oriol Sibila, Amelia Shoemark, James Chalmers

PA3953 **Exacerbations among incident cases of bronchiectasis in Japan**
Takanori Asakura (Tokyo, Japan), Ping Wang, Maitreyee Mohanty, Emily Welch, Melanie Lauterio, Joseph Feliciano

PS-31 Session 324 12:30 - 14:00

Poster session: Non-tuberculous mycobacterial infection: diagnostics and management

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Public health Imaging Endoscopy and interventional pulmonology

Chairs : Jakko van Ingen (Nijmegen, Netherlands), Natalie Lorent (Leuven, Belgium)

PA3954 **Evaluation of combination anti-glycopepidolipid-core IgA antibody levels and chest CT findings to diagnose Mycobacterium avium complex pulmonary disease**
Masataka Matsumoto (Miki, Japan), Shinsuke Maekawa, Naoyuki Kojima, Mitsuteru Hyakudo, Maho Morikawa, Saki Ito, Masahiro Katsurada, Yuko Kono, Kiyonobu Takatsuki, Yoshihiro Nishimura

PA3955 **Clinical characteristics and diagnostic challenges of pulmonary Mycobacterium lentiflavum infection in adults**
Ayako Shiozawa (Chapel Hill, United States), Yusaku Kusaba, Eriko Morino, Masami Kurokawa, Hanako Fukano, Mitsunori Yoshida, Jin Takasaki, Yoshihiko Hoshino, Masayuki Hojo, Haruhito Sugiyama

PA3956 **Factors associated with Mycobacterium abscessus infection in bronchiectasis patients**
Ying Na Ho (Singapore, Singapore), Kok Kong Chong, Gerhard Gruber, Albert Yick Hou Lim

PA3957 **Risk factors for refractory mycobacterium avium complex pulmonary disease**
Hye Young Hong (Seoul, Republic of Korea), Young Ae Kang

PA3958 **In vitro evaluation of clarithromycin and ethambutol combination against Mycobacterium avium-intracellulare complex clinical isolates**
Izumi Yamatani (Tokyo, Japan), Fiona Dewar, Kotaro Sawai, Akio Aono, Yuta Morishige, Yuriko Igarashi, Kinuyo Chikamatsu, Asami Osugi, Yusuke Minato, Satoshi Mitarai

PA3959 **Nutritional assessment in non-tuberculous mycobacteria pulmonary disease: a prospective observational study**
Paola Faverio (Limbiate (MI), Italy), Giacomo Castiglioni, Davide Negri, Alessia Fumagalli, Sveva Maggiolini, Filippo Gozzi, Stefania Cerri, Filippo Valoriani, Renata Menozzi, Valentina Conio, Francesco Bertuccio, Lucrezia Pisanu, Francesca De Simeis, Rosa Di Matteo, Carmela Corso, Andrea Gramegna, Anna Bulfamante, Fabrizio Luppi, Luigi Codecasa, Francesco Blasi, Giovanni Sotgiu, Andrea Gori, Maura Spotti, Stefano Aliberti

PA3960 **Nontuberculous mycobacterial pulmonary disease: a nationwide cost analysis of healthcare costs, foregone earnings, and public transfers in a universal health care setting**
Andreas Fløe (Aabyhøj, Denmark), Victor Næstholt Dahl, Andreas Arnholdt Pedersen, Michael Høffding Ibsen, Ole Hilberg, Anders Løkke

PA3961 **Non tuberculous mycobacterial pulmonary disease (NTM-PD) and coinfections: a single center analysis.**
Simone Montini (Pavia, Italy), Francesco Rocco Bertuccio, Lucrezia Pisanu, Lorenzo Arlando, Marianna Russo, Klodjana Mucaj, Maria Arminio, Elisabetta Gallo, Emanuela Destefano, Mitela Tafa, Ilaria Giana, Valentina Conio, Giulia Stella, Angelo Guido Corsico

PA3962 **Yield of testing for nontuberculous mycobacteria in patients with obstructive lung diseases and/or lung malignancy in Croatia**
Mateja Jankovic Makek (Zagreb, Croatia), Ena Tolic, Nika Zielinski, Ivana Marekovic, Matea Skoro, Dora Darapi, Kristijan Marcic, Goran Glodic, Sonja Badovinac, Tea Lovric, Andrea Mocan, Ana Hecimovic, Fedja Dzubur, Maja Reimann, Christoph Lange

PA3963 **Pseudomonas aeruginosa rapidly kills non-tuberculous mycobacteria in dual-species biofilms in vitro**
Melissa McDaniel (Nijmegen, Netherlands), Jessica Scoffield, Jakko Van Ingen

PA3964 **Rifampicin leads to subtherapeutic azithromycin exposures in NTM disease treatment**
MICHAEL RODGERS (Sauwerd, Netherlands), Victor Dahl, Ralf Stemkens, Arjan Van Laarhoven, Wouter Hoefsloot, Jakko van Ingen, Rob Aarnoutse

PA3965 **Association of adipokines with disease status and outcomes in patients with respiratory nontuberculous mycobacteria isolates**
Chia-jung Liu (Hsinchu, Taiwan), Hung-Ling Huang, Meng-Rui Lee, Jann-Yuan Wang, Chong-Jen Yu

PA3966 **Clinical Outcomes of Different Clarithromycin Resistance in Mycobacterium abscessus Lung Diseases**
Chin-Chung Shu (Taipei, Taiwan)

PA3967 **Chronic Pulmonary Aspergillosis in Nontuberculous Mycobacterial Lung Disease: Prevalence, Risk Factors, and Impact on Clinical Outcome**
Jann-Yuan Wang (Taipei, Taiwan), Meng-Rui Lee, Hung-Ling Huang

PA3968 **Coinfections of Mycobacterium tuberculosis and Non-Tuberculous Mycobacteria species: perspective from a Reference Centre case series**
Marco Cristina (Milano, Italy), Serena Piccirillo, Maurizio Ferrarese, Alice Claudia Repossi, Marco Mantero, Francesco Arturo Blasi, Luigi Ruffo Codecasa

PA3969 **The role of transbronchial lung biopsy in the diagnosis of pulmonary nontuberculous mycobacterial infections**
Akiko Sano (Osaka, Japan), Hiroyuki Sano, Osamu Nishiyama, Yuji Tohda, Hisako Matsumoto

PA3970 **Whole-genome and targeted sequencing in nontuberculous mycobacteria: applications in diagnosis, epidemiology, and drug resistance prediction**
Matúš Dohál (Martin, Slovakia), Věra Dvořáková, Igor Porvazník, Ivan Solovič, Juraj Mokrý

PA3971 **Development of quantitative CT image analysis for NTM lung disease interventions**
Punitkumar Makani (Rotterdam, Netherlands), Federico Mollica, Merlijn Bonte, Andrew Burke, Daniel Hicks, Rachel Thomson, Claire Wainwright, Harm Tiddens, Daan Caudri, - On Behalf Of The Format Team

PA3972 **Development and validation of the prognostic predictive model in patients with Mycobacterium avium complex pulmonary disease: a multicenter observational study**
Kazuaki Takeda (Nagasaki, Japan), Takahiro Takazono, Shotaro Ide, Masataka Yoshida, Naoki Iwanaga, Naoki Hosogaya, Takayuki Suyama, Tomo Mihara, Akira Kondo, Tsutomu Kobayashi, Yuichi Fukuda, Eisuke Sasaki, Noriho Sakamoto, Toyomitsu Sawai, Yasuhito Higashiyama, Kohji Hashiguchi, Minako Hanaka, Toshihiko Ii, Kiyoyasu Fukushima, Kosaku Komiya, Taiga Miyazaki, Kazuhiro Yatera, Koichi Izumikawa, Akitsugu Furumoto, Katsunori Yanagihara, Hiroshi Mukae

PA3973 **Nontuberculous mycobacteria (NTM) and COPD: A multicenter prospective study**
Eva Tabernero Huguet (Bilbao (Bizkaia), Spain), Amaia Aramburu, Raquel Sanchez, Nerea Ortiz, Ines Lopez De Calle, Borja Santos, Elena Urra, Patricia Sobradillo

PS-32 Session 325 12:30 - 14:00

Poster session: Cystic fibrosis research: changing the landscape

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Pulmonary function testing Transplantation Pulmonary rehabilitation

Chairs : Pilar Azevedo Cardim (Lisboa, Portugal), Chiara Premuda (Palermo, Italy)

PA3974 **Azole-Resistant Aspergillus fumigatus in Patients with Cystic Fibrosis, a Prospective Study**
Atefeh Fakharian (Tehran, Islamic Republic of Iran), Azadeh Bandegani, Soheila Khalilzadeh, Hamid Badali

PA3975 **CFTR mRNA delivery with a novel non-LNP nanoemulsion formulation to cystic fibrosis differentiated human airway epithelium and airway organoid**
Shyreen Hassibi (London, United Kingdom), Yuki Yamamoto, Jag Shur, Susan Sobolov, Garth Rapeport, Kazuhiro Ito

PA3976 **Functional and clinical effect of intermittent intrapulmonary deflation versus autogenic drainage for airway clearance in cystic fibrosis: MUCOSIM trial**
Thierry Perez (Lille Cedex, France), Thomas Ropars, Sylvie Leroy, Claire Poulet, Guillaume Beltramo, Isabelle Durieu, Marlène Murris Espin, Stéphane Dominique, Guillaume Chaumet, Laurent Morin, Jacqueline Delrieu

PA3977 **Evaluating regional ventilation abnormalities in patients with cystic fibrosis – results from the ReVEAL-CF study.**
Grace Kavanagh (Dublin, Ireland), Nina Eikelis, Kristopher Nilsen, Mark Teh, Ryan Phuong, Youngmi Van Der Werf, Bhajan Singh, Trishul Siddharthan, Siobhain Mulrennan

PA3978	**Personalized Dosing of ELE/TEZ/IVA in Cystic Fibrosis: integrating pharmacokinetics and pharmacogenetics for Improved Outcomes** Sylvie Leroy (Nice, France), Margot Delin, Bérengère Coltey, Raphael Chiron, Laurent Mely, Nathalie Stremler, Tessa Pietri, Delphine Viard-Retur, Thibault Lavrut, Sylvie Quaranta, Alexandre Destere
PA3979	**Airway microbiology trends in Cystic Fibrosis patients: A comparative study between 2019 and 2023** Francisca Trigueiros Pinção Nieto Guimarães (Lisboa, Portugal), Elsa Fragoso, Ana Bruschy Fonseca, Pilar Azevedo
PA3980	**Discovery of pro-inflammatory mediators of Pseudomonas aeruginosa expressed under in vivo-like conditions in chronic cystic fibrosis infection** Merel Wauters (Ghent, Belgium), Sara Van Den Bossche, Delphi Van Haver, Sara Dufour, Simon Devos, Francis Impens, Xavier Saelens, Aurélie Crabbé
PA3981	**Steps in developing the ICF core set for adults with cystic fibrosis: health professional and patient perspectives** Nisa Akyazı (ANKARA, Turkey), Seda Nur Kemer, Naciye Vardar Yağlı, Melda Saglam, Ebru Damadoğlu, Oğuz Karcıoğlu, Sevil Bilgin
PA3982	**Affective temperament and treatment adherence in adult cystic fibrosis – a pilot study** Carmen Maria Bereuter (Wien, Austria), Andrea Lakatos-Krepcik, Andrea Pirkfellner, Susanne Wager, Andreas Erfurth, Maria Morozova, Mahdi Mahmoudi, Robab Breyer-Kohansal
PA3983	**Three years of Elexacaftor/tezacaftor/ivacaftor decreases the presence of pathogens in sputum cultures and throat swabs** Simon Dekker (Utrecht, Netherlands), Bastiaan Bont, Renate Okhuijsen-Kos, Domenique Zomer-Van Ommen, Harry Heijerman, Inez Bronsveld
PA3984	**The association of gene modulator therapy and fat-soluble vitamin levels in adults with cystic fibrosis** Aysu YALMAN (Ankara, Turkey), Aynur Demirel, Oguz Karcioglu, Ebru Damadoglu, Naciye Vardar Yagli
PA3985	**Respiratory rate measured by high-adherence wearable correlates with clinical predictors of pulmonary exacerbation in cystic fibrosis patients** Carlos Milla (Palo Alto, United States), Jackie Spano, Lani Demchak, Tina Conti, Alicia Mirza, Robert Teresi
PA3986	**Impact of CFTR modulators on chronic and intermittent bronchial infection** Sophie Gohy (Tervuren, Belgium), Alice Sluijters, Celine Bugli, Silvia Berardis, Christophe Goubau, Corentin Stavart
PA3987	**Group psychotherapy for anxiety, depression, and quality of life in Cystic Fibrosis** Eda Esra Baysal (İstanbul, Turkey), Zühal Yerlikaya, Merve Selçuk Balcı, Şeyda Karabulut, Ceren Ayça Yıldız, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Burcu Uzunoğlu, Gamze Taştan, Almala Pınar Ergenekon, Yasemin Gokdemir, Ela Erdem Eralp, Fazilet Karakoç, Bulent Karadag
PA3988	**In vitro assay for personalized and effective medicine of Cystic Fibrosis** Gabriela Araujo Hoefel (New Lambton Heights, Australia), Ling Chen, Amber Pillar, Ayesha Ali, Lorena Rodrigues Sabino, Peter Wark, Gerard Kaiko
PA3989	**Investigation of voriconazole plasma level (vpl) measurement in cystic fibrosis (cf) patients diagnosed with pulmonary aspergillosis (pa) and allergic bronchopulmonary aspergillosis** Hande Yuce Ozdemir (Ankara, Turkey), Maide Gozde Inam, Emre Kara, Oguz Karcioglu, Ebru Damadoglu, Ahmet Cagkan Inkaya
PA3990	**Pulmonary Aspergilloma in Cystic Fibrosis** Maitreyi Penugonda (Dublin, Ireland), Rosin Hehir, Trevor Nicholson, Edward Mckone, Charles Gallagher, Suzanne Carter

PS-33 Session 326 12:30 - 14:00

Poster session: Small cell lung cancer and rare tumours

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Palliative care General respiratory patient care Imaging Public health Respiratory intensive care Surgery Cell and molecular biology

Chairs : Katerina Bakiri (Athens, Greece), Jacques Cadranel (Paris Cedex 20, France)

PA3991	**Late Breaking Abstract - Next-generation-sequencing of extracellular vesicles from bronchial washing fluid in advanced lung cancer.** Teresa Calari (Bologna, Italy), Gian Piero Bandelli, Annalisa Altimari, Elisa Gruppioni, Giovanni Tallini, Dario De Biase, Gianluca Storci, Massimiliano Bonafè, Tommaso Abbate, Martina Ferioli, Marco Ferrari, Thomas Galasso, Filippo Natali, Michelangelo Fiorentino, Francesca Giunchi, Stefania Damiani, Mattia Riefolo, Antonietta D'Errico, Francesca Sperandi, Andrea Ardizzoni, Giulia Pastorelli, Giorgia Gri, Emma Repaci, Chiara Folchi Vici D'Arcevia, Anna Gabriela Lisowska, Manuel Lucchin, Piero Candoli

PA3992	**Real-world (rw) outcomes with first-line chemoimmunotherapy in extensive-stage small-cell lung cancer (ES SCLC)** Emmanouil Panagiotou (Athens, Greece), Ioannis A. Vathiotis, Athanasios Trimis, Maria Effrosyni Livanou, Nikolaos K. Syrigos, Maria Mani, Ioannis Gkiozos, Marousa Kouvela, Andriani Charpidou
PA3993	**Rationale and design of a randomized phase II trial of the first-line treatment of extensive stage small cell lung cancer with the combination of Envafolimab, etoposide, and carboplatin with or without trilaciclib (SMA-SCLC-005 study)** Yan Zhou (Shanghai, China), Yao Zhang, Hua Zhong
PA3994	**A RETROSPECTIVE REAL-WORLD EVALUATION OF ATEZOLIZUMAB IN PATIENT WITH SMALL CELL LUNG CANCER (SCLC): A MONOCENTRIC STUDY** Raffaella Pagliaro (Alvignano, Italy), Antonio D'Orologio, Danilo Rocco, Fabiana Vitiello, Marina Gilli, Paola Maria Medusa, Luca Borgese, Susan F.M Campbell, Fabio Perrotta, Andrea Bianco
PA3995	**Clinical research of combined first-line treatment with everolimus and EP chemotherapy in advanced pulmonary large cell neuroendocrine carcinoma** shuanglong xiong (Chongqing, China), Yan Li
PA3996	**The impact of radiotherapy on the efficacy of chemotherapy with or without immunotherapy in small cell lung cancer** Sheng-Fu Chen (Taichung, Taiwan), Wen-Chien Cheng, Wei-Chih Liao, Chia Hung Chen, Hung-Jen Chen, Chih-Yen Tu, Te-Chun Hsia
PA3997	**Insights into adenoid cystic carcinoma of the lower airway (ACCLA): a 10-year experience** Carolina Mariana Da Silva Alves (Caparica, Portugal), Marion Gaspar, Rafael Moiteiro Da Cruz, Magda Alvoeiro, Telma Calado, Andrea Lopes Machado, Filipa Ferro, Ana Sofia Vilariça, Direndra Hasmucrai, Paula Alves
PA3998	**Profiling risk of recurrence and second primary after curative surgery for lung cancer** Farhan Huq (London, United Kingdom), Martin Yardley, Amyn Bhamani, Ricky Thakrar, Neal Navani, David Lawrence, Sam Janes
PA3999	**Prognostic significance of procalcitonin levels in Small Cell Lung Cancer patients** Paschalina Tsopa (Peiraias, Greece), Nikolaos Syrigos, Georgia Tsiachri, Andriani Charpidou, Christos Kosmas, Marousa Kouvela
PA4000	**Coexistence of Neuroendocrine Tumorlets and Lung Adenocarcinoma: A Subtle Observer or an Underestimated Threat?** Susmita Debbarma (New Delhi, India), Prajna G, Sunil Kumar, Aruna Nambirajan, Deepali Jain
PA4001	**The Role of Endosonography in the Diagnosis of Small Cell Neuroendocrine Lung Cancer** Carmine Salerni (Milano (MI), Italy), Silvia Terraneo, Michele Bonanomi, Sara Mirijaj, Paolo Carlucci, Cristina Albrici, Michele Mondoni
PA4002	**Exploring the rare occurrence of small cell lung carcinoma following squamous cell carcinoma of the lung: A case series and a call for enhanced diagnostic evaluation** Prajna Gopalakrishna (New Delhi, India), Anant Mohan, Prabhat Singh Malik, Sunil Kumar, Aruna Nambirajan, Deepali Jain
PA4003	**Primary pulmonary adenoid cystic carcinoma: surgical approch** Selma Madhi (Ariana, Tunisia), Mahdi Abdennadher, Amina Abdelkebir, Ameni Ben Mansour, Nizar Fitouhi, Hazem Zribi, Adel Marghli
PA4004	**Characteristics of lung cancer patients exposed to environmental asbestos in rural areas.** Selma Metintas (Eskisehir, Turkey), Güntülü Ak, Semanur Ozyavuz, Muzaffer Metintas

PS-34 Session 327 12:30 - 14:00

Poster session: Symptomatic and supportive care in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : General respiratory patient care Transplantation Epidemiology Public health Pulmonary function testing Imaging Pulmonary rehabilitation Respiratory intensive care Palliative care

Chairs : Anne-Marie Russell (Birmingham, United Kingdom), Tonia Magrì (Roma, Italy)

PA4005	**Patient journey in progressive pulmonary fibrosis (PPF) in Europe, USA, and Japan: real-world survey findings** Pooja Chopra (Lawrenceville, United States), Mark Small, Lauren Lee, Lisa Lancaster
PA4006	**5-Item questionnaire to assess palliative care need in newly diagnosed IPF patients** Ilaria Bassi (Bologna, Italy), Aldo Guerrieri, Damaride Micaela Bitetto, Anna Donini, Stefania Pastorello, Gilda Giancotti, Anna Maria Cuomo, Chiara Rizzelli, Maria Coppola, Fabrizio Moggia, Dino Gibertoni, Danila Valenti, Stefano Nava

PA4007	**QI project: prospective evaluation of the impact of palliative care delivery by interstitial lung disease clinical nurse specialists within a tertiary specialist centre.** Natalie Chen (LONDON, United Kingdom), Kate Osborne, Sophie Crawley
PA4008	**Unclassifiable ILD; are there unmet needs? Experiences of a district hospital cohort in Southwest England** Andrew Achaiah (Oxford, United Kingdom), Jessica Bennett, Anna Jevons, Charlotte Cadge, Olawumnia Arowosegbe, Matthew Mirkin, Aadham Mumtaz, Suraya Foster, Meg Wood, Charles Sharp
PA4009	**Combined ILD and palliative care services improves access to community palliative care** Sandra Green (Dublin, Ireland), Lynn Fox, Sorcha Murray, Liam Chawke, Eoin Rigney, Sinead Coyle, Graine Murphy, Yvonne Flanagan, Una Molloy, Clare Mcaleer, Hawa Bakry Ebrahem, Karen Ryan, Katherine M A O'Reilly
PA4010	**A Weekly Symptom Questionnaire as a Proxy for Symptom Diaries in Acute Exacerbations of Fibrotic Interstitial Lung Disease** Leda Yazbeck (London, United Kingdom), Zhe Wu, David J. F. Smith, Chloe Bloom, Philip Molyneaux, Toby Maher
PA4011	**Assessment of HRQoL improvement in ILD patients after LTx using the GR-Scale** Sina Stoltefuß (Munich, Germany), Gabriela Leuschner, Tobias Veit, Jeremias Götschke, Katrin Milger-Kneidinger, Teresa Kauke, Alexandra Lenoir, Nikolaus Kneidinger, Jürgen Behr
PA4012	**Interstitial Lung Disease-specific Fatigue and Breathlessness Programme Pilot: Analysis of qualitative participant feedback** Jessica Mandizha (Exeter, United Kingdom), Rebecca Davies, Anne-Marie Russell, Charlotte Crook, Caroline Dean, Anna Duckworth, Sarah Lines, Jessica Moss, Pilar Rivera-Ortega, Stefan Stanel, Kate Taylor, Michael A Gibbons
PA4013	**Exploring responsiveness and minimal important changes of the Living with Pulmonary Fibrosis questionnaire in patients with pulmonary fibrosis** Delian Elizabeth Hofman (Rotterdam, Netherlands), Martijn Oude Voshaar, Catharina C. Moor, Gizal Nakshbandi, Rémy L.M. Mostard, Wim A. Wuyts, Vincent Cottin, Michael Kreuter, Markus Polke, Katharina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna M. Hoffmann-Vold, Michael T. Durheim, Anneke Van Veen, Hilde J. Bjørkekjær, Madelon C. Vonk, Zoe D. Daniil, Lisa G. Spencer, Philippe Bonniaud, Grégoire Prévot, Philip L. Molyneaux, Marlies S. Wijsenbeek
PA4014	**Development and validation of the IPF Coughing Severity Scale v2© (IPF CSS v2): a simple patient reported outcome measure (PROM) for assessing cough severity in IPF** Steve Pawsey (Stevenage, United Kingdom), Laurie Burke, Laura Grey, Alyn Morice, Susan Seymore, Alex West, Surinder S. Birring
PA4015	**Every Cough Matters: Six Months of Monitoring Reveal New Insights into Air Pollution's Impact on Interstitial Lung Disease's Cough.** Umberto Zanini (monza, Italy), Hunter Vander Linden, Michael D. Feist, Giovanni Ferrara
PA4016	**Effects of pulmonary rehabilitation on cough-related quality of life in patients with interstitial lung diseases** Houda Snène (Tunis, Tunisia), Yossr Aloulou, Meryem Zemzemi, Rym Ben Othmen, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jaloul Daghfous, Nadia Mehiri, Bechir Louzir
PA4017	**The Effect of Chronic Cough on Sleep Quality in Patients with Idiopathic Pulmonary Fibrosis** Özge Oral Tapan (Mugla, Turkey), Halit Kazci, Utku Tapan
PA4018	**Nutritional status and Interstitial Lung Disease: data from two tertiary centers in South Italy** Arcangela Di Domenico (Napoli, Italy), Luigi Massari, Valeria Fortuna Gigi, Lidia De Roberto, Stefano Sanduzzi Zamparelli, Fausto De Michele, Marialuisa Bocchino
PA4019	**The multimodal intervention value of respiratory rehabilitation in idiopathic pulmonary fibrosis: a systematic evaluation based on evidence-based medicine** jing (Changchun, China), Hongjing Lin, Jiahui Ma
PA4020	**Heart rate variability differences between perceived relaxation levels in ILD patients** Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Mayra Gisselle Ruiz Perial, Arlen Daniela Pérez García, Karen Sánchez Martínez, Arturo Orea Tejeda, Vanessa Michelle Dávalos Torres, Karel Nataly Suárez Tovar
PA4021	**Sarcopenia affects the efficacy of nintedanib in patients with interstitial lung diseases** Toko Miura (Hirosaki, Japan), Tomonori Makiguchi, Sadatomo Tasaka, Kageaki Taima, Hisashi Tanaka, Masamichi Itoga, Hiroaki Sakamoto, Takahiro Akita, Yuri Kobori, Shintaro Oyama, Yasuhito Nunomura
PA4022	**IA-Based body composition analysis at T12 in idiopathic pulmonary fibrosis: identifying sarcopenia and its correlation with morphofunctional assessment methods.** Sara Sánchez Martin (Malaga, Spain), Mercedes Segura Romero, Elena Condorelli, Alberto Alvarez Napoles, Eva Cabrera César, Jose Luis Velasco Garrido

PA4023 **Prevalence of Sarcopenia and Associated Factors in Fibrotic Interstitial Lung Diseases**
Elif Yelda Ozgun Niksarlioglu (Istanbul, Turkey), Ramazan Eren, Feride Elçin Çakır, Neval Alagöz, Şule Gül, Mehmet Atilla Uysal

PA4024 **Association of sarcopenia with quality of life and progression of disease in patients with idiopathic pulmonary fibrosis**
Nergiz Ayan (NİĞDE, Turkey), Sibel Naycı

PS-35 Session 328 12:30 - 14:00

Poster session: Population-based studies in interstitial lung diseases

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Palliative care Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology General respiratory patient care Imaging Transplantation Cell and molecular biology Public health

Chairs : Antje Prasse (Hannover, Germany), Chair to be confirmed

PA4025 **A RETROSPECTIVE, OBSERVATIONAL STUDY OF SPANISH HYPERSENSITIVITY PNEUMONITIS COHORT**
Laura Rossi (Modena, Italy), Arnau Lagarda-Tous, Judith Peñafiel-Muñoz Peñafiel-Muñoz, Matteo Fontana, Elena Prina, Maria Guadalupe Bermudo Peloche, Cerri Stefania, Nicola Cosimo Facciolongo, Maria Molina-Molina, Vanesa Vicens-Zygmunt

PA4026 **Attitudes to symptom palliation and palliative care amongst people with interstitial lung disease and their carers**
Natasha Smallwood (Melbourne (VIC), Australia), Lena Ly, Vanessa Cservid, Umbreen Qazi, Catherine Buchan, Amy Pascoe, Nicole Goh

PA4027 **Thoracic ultrasound in patients with fibrosing interstitial lung diseases: a systematic review.**
Sanjeewa Patabendige (Aabenraa, Denmark), Casper Falster, Henrik Z Langkilde, Stefan M. W. Harders, Elisabeth Bendstrup, Michael Thomas Durheim, Jesper Rømhild Davidsen

PA4028 **Clinical and functional characteristics of our pneumoconiosis cases**
Pınar Yıldız Gülhan (duzce, Turkey), Esra Oguz, Özlem Ataoğlu, Ege Gulec Balbay, Peri Meram Arbak

PA4029 **The increasing secondary burden from Hypersensitivity Pneumonitis in England**
Ella Girdler (Perth, Australia), Michael Hoskins, Joanna Porter, Vidya Navaratnam

PA4030 **The mortality burden of hypersensitivity pneumonitis across Europe**
Ella Girdler (Perth, Australia), Michael Hoskins, Francesca Gonnelli, Kerri Johannson, Vidya Navaratnam

PA4031 **Trends in the demographic profile of Interstitial Lung Disease at a tertiary care center in India: A decadal analysis**
Sheetu Singh (Jaipur (Rajasthan), India), Virendra Singh, Bharat Bhushan Sharma, Arvind Kumar Sharma, Nishtha Singh

PA4032 **Toll interacting protein (TOLLIP) serum concentration in patients with systemic sclerosis-associated interstitial lung disease (SSc-ILD): A novel biomarker?**
Niels Schröder (Essen, Germany), Jitka Andrä, Diana Knuth-Rehr, Silke Leja, Nicolas Hunzelmann, Eda Börner, Francesco Bonella

PA4033 **Automated AI detection of interstitial lung disease on CT in the COPDGene trial: sub-analysis of COPD vs. non-COPD patients**
Sahithee Batchu (San Francisco, United States), Sean Callahan, Angad Kalra, Michael Muelly, Joshua Reicher, Tejaswini Kulkarni

PA4034 **Prevalence and associated factors of lung progression in patients with rheumatoid arthritis and interstitial lung disease**
Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Daniela Camargo, Nerina Rodriguez Giambagli, Sebastian Marciano, Gustavo Citera

PA4035 **PROGRESSIVE FIBROSING INTERSTICIAL LUNG DISEASE OF AUTOIMMUNE ORIGIN AND ANTIFIBROTIC MEDICATION: SOCIODEMOGRAPHIC, CLINICAL AND THERAPEUTIC CHARACTERISTICS OF THE NEREA COHORT**
Cristina Matesanz Lopez (Madrid, Spain), Pablo Moreno- Fresneda, María Asunción Nieto- Barbero, Cristina Vadillo-Font , Olga Sánchez-Pernaute, María Jesús Rodríguez-Nieto, Rosalía Laporta-Hernández, Lydia Abásolo-Alcázar

PA4036 **The challenge of defining progression: comparison of different criteria for classification of Progressive Pulmonary Fibrosis in a real-life setting**
Giuseppe Muscato (Catania, Italy), Enrico Sciacca, Alessandro Libra, Antonio Alaimo, Lucia Spicuzza, Stefano Palmucci, Gianluca Sambataro, Carlo Vancheri

PA4037 **Radiological evolution of severe SARS-CoV-2 Pneumonia: A 48-Month cohort study.**
Ahmad Hamod Tammawi (Girona, Spain), Gladis Sabater Talaverano, Erick Roberto Linares Paz, Oscar Martin Clopes, Marc Bonnin Vilaplana, Ramon Orriols Martinez, Saioa Eizaguirre Anton

PA4038 **All cause admissions in interstitial lung diseases: A retrospective cohort study**
Gayathri Mohan (Birmingham, United Kingdom), Joshua Harridine, Aylin Ugurlu, Paul Ellis, Gareth Walters, Christopher Huntley

PA4039 **Long-term outcomes of lung transplant patients due to interstitial lung diseases**
Ana Belén Llanos Gonzalez (La Orotava, Spain), Enrique González Dávila, Paula Pérez De Armas, Nelson Mesa León, Laura Ferreiros De La Campa, Sara De Lucas Altable, Candelaria Martín García, Elena Pérez Hernández, Juan Abreu González, Sara García Gil, Orlando Acosta Fernández

PA4040 **Clinical score for probability of pulmonary hypertension in a cohort of interstitial lung diseases**
Ana Karem Saucedo Pruneda (Mexico City, Mexico), Araceli Chávez Duarte, Karen Martínez-Espinosa, Ivette Buendia-Roldan

PA4041 **Progressive fibrosing interstitial lung disease non-IPF followed in a pulmonology departement**
Sara Talha (Oran, Algeria), Oussama Boukhalfa, Asma Boukhari, Afif Benzait, Mohamed Abdelatif Bennani

PA4042 **Age-standardised Prevalence, Incidence and Mortality Rates of ILD in Saudi Arabia: A systematic analysis of ILD from 1990 to 2021**
Malik A Althobiani (London, United Kingdom), anne-Marie Russell

PA4043 **The Association Between Anti-MDA5 antibody and Clinical manifestations in DM or PM Patients with ILD: A Systematic Review and Meta-analysis**
Yidan Sun (Shanghai, China), Tiantian Zhang, Guochao Shi

PA4044 **Pulmonary hypertension in patients with moderate to severe hypersensitivity pneumonitis**
Tjasa Kamenski (Klagenfurt, Austria), Adrienn Tornyos, Luka Brcic, Emina Talakic, Helmut Prosch, Izidor Kern, Holger Flick, Katarina Zeder, Grazyna Kwapiszewska, Alberto Benazzo, Horst Olschewski, Nikolaus Kneidinger, Gabor Kovacs

PS-36 Session 329 12:30 - 14:00

Poster session: Management of interstitial lung diseases of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Imaging Respiratory intensive care

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece)

PA4045 **Lung auscultation for detecting interstitial lung disease in systemic sclerosis: Retrospective study**
Felix Wireko (Rochester, United States), Vasilios Tzilas, Comfort Anim-Koranteng, Ahmed Sayed Ahmed, Yvette Yeboah-Kordieh, Ashima Makol, Jay Ryu

PA4046 **Ruxolitinib add-on to corticosteroids for patients with severe checkpoint inhibitor-related pneumonitisan interim analysis**
Xiaoxing Gao (Beijing, China), Yan Xu, Xiaoling Yang, Anwen Liu, Junzhen Gao, Chen Wei, Xiaoyan Liu, Jing Zhao, Minjiang Chen, Hanping Wang, Xiaoyan Si, Wei Zhong, Ruxuan Chen, Junping Zhang, Zhimin Zeng, Xuan Su, Huiru Xu, Meiling Wang, Liujin Zhang, Yuan Le, Zhiwei Leng, Hui Huang, Mengzhao Wang

PA4047 **Baseline characteristics of participants in the MYCOHYPE study: the first randomised controlled trial of mycophenolate mofetil in fibrotic HP**
Sahajal Dhooria (Chandigarh, India), Mansi Gupta, Rohit Kumar, Vijay Hadda, V Nagarjuna Maturu, Isaac Barney, Girish Sindhwani, Sheetu Singh, Naveen Dutt, Ashutosh Nath Aggarwal

PA4048 **Prognostic factors differ in patients commencing antifibrotics for idiopathic pulmonary fibrosis versus progressive pulmonary fibrosis.**
Gabriella Marina Ruffino (Ringwood, United Kingdom), Giles Dixon, Sarah Mulholland, Matthew Wells, Tia Wilson, Helen Hawkes, Nixon Leung, Jo Hardy, Huzaifa Adamali, Shaney Barratt

PA4049 **Retrospective, multicentre (UK) analysis of bleeding risk from nintedanib with or without concomitant anticoagulation in fibrotic ILD patients**
Nixon Leung (Bristol, United Kingdom), Randeep Karwal, Giles Dixon, Sarah Mulholland, Nazia Chaudhuri, Siobhan Donnelly, Ann Box, Sandra Taylor-Stratford, Laura Horgan, Muthu Thirumaran, Sarah Haney, Huande Wong, Anjali Crawshaw, Inuri Patabendi, Isabel Millward, Elizabeth Elton-Walters, Penny Prime, Richard J Hewitt, Hussain Shah, Shereen Boreland, Deep Haria, Robina K Coker, Melissa Wickremasinghe, Katie Ward, David Woods, Sunil Patel, Zaneeta Nagji, Geeta Vekaria, Timothy Gatheral, Stephen Woodmansey, Natalie Waddington, Anushka John, Ahmed Ali, Christopher C Huntley, Gareth I Walters, Emma Briggs, Gayathri Mohan, Joshua Harridine, Rachel Hoyles, Marianne Turner, Jo Hardy, Shaney L Barratt, Ahmed Fahim, Huzaifa Adamali

PA4050	**Rituximab–Mycophenolate Versus Mycophenolate in Patients With Interstitial Lung Disease (ILD) Secondary to Systemic Autoimmune Diseases (SAD): A Real-World Experience** Cesar Alejandro Araque Molina (Madrid, Spain), María Fernanda Del Pino Zambrano, David Martos Ruiz, Jorge Rabago Castro, Inmaculada Castillo Gil, María Beatriz Arias Arcos, Julio Hernández Vázquez, Silvia Martín Bote, María Jesús Buendía García, Ismael Ali García, Africa Alcorta Mesas, Mariara Antonieta Calderón Alcalá, María Isabel Andrade Vela, Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Luis Arvelo Castro, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiab Mouhtar El Halabi, Irene Milagros Dominguez Zabaleta, Laura Cebrian Méndez, María Belén López-Muñiz Ballesteros
PA4051	**Real-world effectiveness of antifibrotics in slowing FVC and DLCO decline in progressive pulmonary fibrosis** Aycan Yüksel (Ankara, Turkey), Polina Nezalzova, Gaye Ulubay
PA4052	**Minimizing steroid toxicity in interstitial lung diseases** Alberto Casey (Ciudad Autónoma Buenos Aires, Argentina), Juan Ignacio Enghelmayer, Gabriela Legarreta, Silvana Acuña
PA4053	**Effectiveness of nintedanib in progressive pulmonary fibrosis (PPF) non IPF: a single-centre, real-life study** Marta Lomi (Pistoia, Italy), Davide Chimera, Matteo Colli, Chiara Romei, Annalisa De Liperi, Alessandro Celi, Laura Tavanti, Laura Carrozzi, Francesco Pistelli
PA4054	**Efficacy of inhaled treprostinil versus PDE5 inhibitors and no treatment in ILD-PH** Laura Price (London, United Kingdom), Hiba Lee, Bea Massó De Rafael, Diego Federico Funes, Martí Hopmans Galofré, Míriam Fernández, Chloe Teng, Anna Maliouri, Laurence Tilley, Vicki Laskier-Owens, Jean Hamilton, John Wort
PA4055	**Impact of dexamethasone on respiratory sequelae in the follow-up of hospitalized patients with Sars-Cov-2 pneumonia** David Espejo Castellanos (Barcelona, Spain), Maria Florencia Pilia, Maria A Ramon, Saliha Omari, Christian Romero Mesones, Iñigo Ojanguren, Maria Jesús Cruz, Xavier Muñoz Gall
PA4056	**Acute use of nintedanib for rapidly progressive pulmonary fibrosis: experience of inpatient use at a tertiary interstitial lung disease service** Jessica Clements (London, United Kingdom), Laura Chapman, Boris Lams, Sangita Agarwal, Alexandra Lawrence, Grainne D'Ancona
PA4057	**Real-life cohort study of patients with progressive pulmonary fibrosis receiving antifibrotic therapy** Nanna Makholm Østergård (Aarhus, Denmark), Thomas Skovhus Prior, Jesper Rømhild Davidsen, Saher Burhan Shaker, Thomas Kromann Lund, Wim Wuyts, Elisabeth Bendstrup
PA4058	**Characteristics and Outcomes of patients treated with CDK4/6 inhibitors who develop interstitial lung disease** Gautam George (Philadelphia, United States), Ryan D'Souza, Ross Summer
PA4059	**Clinical characterization of serum SP-D and serum KL-6 levels in patients with drug-induced lung injury associated with lung cancer chemotherapy** Tomoyuki Takahashi (Sapporo Hokkaido, Japan), Atsushi Saito, Masashi Bando, Haruyuki Ishii, Tomoo Kishaba, Yasuhiro Kondoh, Satoshi Konno, Atsushi Miyamoto, Yasunari Miyazaki, Akimasa Sekine, Takafumi Suda, Hirotaka Nishikiori, Hiroki Takahashi, Hirofumi Chiba
PA4060	**Current Treatment Patterns and factors associated with Therapy Choices in SSc-ILD** Corrado Campochiaro (Milan, Italy), Marie-Elise Truchetet, Madelon Vonk, Giacomo De Luca, Giovanna Cuomo, Lidia P Ananieva, Eric Hachulla, Vanessa Smith, Ana Maria Gheorghiu, Radim Becvar, Patricia Carreira, Nicolas Hunzelmann, Daniel E Furst, Vera Ortiz-Santamaria, Francesco Del Galdo, Marco Matucci-Cerinic, Anna-Maria Hoffmann-Vold
PA4061	**Prospective evaluation of initial admission parameters and it's relation to the outcome in patients admitted to the ICU with respiratory failure secondary to ILD** Sumeet Kumar De (KOLKATA, India), Zia Hashim
PA4062	**Pulmonary implications of Primary Sjögren's syndrome – a retrospective cohort anaysis** Marius-Alexandru Coteț (Bucuresti, Romania), Daniela Gologanu, Valentin Nedelcu, Ion Ion, Marius Ioan Balea, Daniela Popescu, Razvan Ionescu, Doina Nitescu, Magda Parvu, Daniel Musetescu, Matei Tibrea, Simona Caraiola
PA4063	**Diagnostic evaluation and management of fibrotic hypersensitivity pneumonitis (fHP): Experience from a UK tertiary centre** Trishala Raj (Manchester, United Kingdom), Dervla Ireland, Hafsa Nauman, Cristina Avram
PA4064	**Radiological patterns and their impact on prognosis in interstitial lung disease with ANCA-Associated vasculitis from a tertiary care UK hospital** Ashnish Sinha (Luton, United Kingdom), Viral Nanda, Ketan Malu, Chetan Mukhtyar, Christopher Atkins, Ajay Kamath

PS-37 Session 330 12:30 - 14:00

Poster session: Organ- and non-organ-specific manifestations of sarcoidosis

Disease(s) : Interstitial lung diseases | Sleep and breathing disorders | Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Public health | Pulmonary function testing | Pulmonary rehabilitation | Imaging | Endoscopy and interventional pulmonology | Cell and molecular biology

Chairs : Vasileios Kouranos (London, United Kingdom), Juan José Nieto-Fontarigo (Santiago De Compostela, Spain)

PA4065	**Cluster analysis to phenotype sarcoidosis using British Thoracic Registry data** Cormac McCool (Belfast, United Kingdom), Amira Mahood, Paul Minnis, A Achiaiah, R Hewitt, C Hodkinson, F Khan, H Morris, E Palmer, I Stewart, G Thomas, M Loughenbury, M Souto, S Fletcher, N Chaudhuri
PA4066	**Nailfold videocapillaroscopy as a potential predictor of organ damage in patients with ILD-Sarcoidosis** Lucrezia Mondini (trieste, Italy), Barbara Ruaro, Liliana Trotta, Mariangela Barbieri, Giuseppe Dimaggio, Luca Ruggero, Paola Confalonieri, Francesco Salton, Marco Confalonieri
PA4067	**Gender differences disparity in treatments for in Sarcoidosis from the British Thoracic Society (BTS) UK Interstitial Lung Disease (ILD) registry.** Karol Bączek (Łódź, Poland), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Gina Amanda, Lucile Sesé, Andrew Achaiah, Nazia Chaudhuri
PA4068	**Are There Predictive Parameters for Cardiac Involvement in Sarcoidosis Cases? What is The Role of Strain Echocardiography and Heart Rate Recovery Time?** Gökhan Altan (İstanbul, Turkey), Mustafa Lütfi Yavuz, Su Alvin Dik, Melike Sarıtaş Arslan, Aylin Pıhtılı, Pelin Karaca Özer, Ahmet Kaya Bilge, Züleyha Bingöl, Gülfer Okumuş
PA4069	**Cardiac sarcoidosis (CS) in Austria: data from the Sarcoidosis registry (Medical University of Vienna)** Claudia Guttmann-Ducke (Wien, Austria), Martin Lutnik, Pavla Sarova, Daniela Gompelmann, Marco Idzko
PA4070	**Ophthalmologic screening in sarcoidosis: a silent marker of systemic disease** Sara Salvador Fernàndez (Barcelona, Spain), Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, Eric Kirkegaard Biosca, Ana Villar Gómez
PA4071	**Cardiac sarcoidosis screening in patients with thoracic sarcoidosis: a prospective observational study.** Sara Salvador Fernàndez (Barcelona, Spain), Daniel Ramos Chaves, Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, María Jesús Cruz Carmona, Míriam Barrecheguren Fernandez, Ana Villar Gómez, Aitor Uribarri González, Iñigo Ojanguren Arranz
PA4072	**Impact of nutritional status in sarcoidosis patients** Şeyma Tunç (Kastamonu, Turkey), Pınar Yıldız, Mehmet Ali Sungur
PA4073	**Enhanced Screening for Obstructive sleep Apnoea (OSA) in patients with sarcoidosis- A quality improvement project (QIP).** Kunle Irojah (Lekki, Nigeria), Aqusa Zahid, Janeene Martha Sayo, Atul Gulati, Ahmed Fahim, Anna Mowat
PA4074	**Fatigue associations in a cohort of sarcoidosis patients** Fotios Drakopanagiotakis (Alexandroupoli, Greece), Aikaterini Alexiou, Evangelia Eleftheria Daskalou, Marianna Tranou, Lykourgos Kolilekas, Elias Gialafos, Stavros Anevlavis, Paschalis Steiropoulos
PA4075	**Mortality predictors in pulmonary sarcoidosis: results from the Spanish cohort SARCO-I** Joel Francesqui (Barcelona, Spain), Daniel Ramos, Elena Bollo, Ana Villar, Pablo Flórez, Eva Balcells, Gema Castaño, Erwin Javier Pinillos-Robles, Raúl Godoy, Belén López-Muñiz, María José Soler-Sampere, Diego Castillo, Albert Rafecas, Pablo Mariscal, Paloma Millan-Billi, Karina Portillo, Fernanda Hernandez-Gonzalez, Jacobo Sellares
PA4076	**Correlation between quality of life and lung function in patients with pulmonary sarcoidosis** Ievgeniia Merenkova (Kyiv, Ukraine), Volodymyr Gavrysyuk, Yaroslav Dziublyk, Galyna Gumeniuk
PA4077	**The relationship between HALP score and clinical phenotypes of pulmonary sarcoidosis.** Fulsen Bozkus (Antalya, Turkey), Merve Sari Akyuz, Olgun Keskin
PA4078	**Obstructive sarcoidosis. An underestimated and dangerous sarcoidosis** Fabiola Murgolo (triggiano, Italy), Marie-Pierre Debray, Alice Guyard, Catherine Bancal, Mathilde Le Brun, Pierre Le Guen, Camille Taillé, Raphaël Borie, Bruno Crestani
PA4079	**Biomarkers of corticosteroid-resistant Lung Sarcoidosis** Kostiantyn Shvets (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Oleksandr Varunkiv, Iryna Savelikhina, Mariana Kulynych-Miskiv, Galyna Korzh, Nadiia Korzh, Mariia Dmytriv
PA4080	**Diagnostic challenges in differentiating pulmonary sarcoidosis from tuberculosis: the role of QuantiFERON TB Gold in an endemic region** Diana Calaras (Chisinau, Republic of Moldova), Aliona David, Alexandru Corlateanu

PA4081 **Pretest probability of nodal sarcoidosis in isolated hilar and mediastinal lymphadenopathy (IHML) on CT chest**
Syed Jawad Ahmad (Walsall, United Kingdom), Emad Abugassa, Badis Al-Harbawi, Hadi Jawad, Sadaf Sultana Doctor, Mohammed Haris

PA4082 **Speckle Tracking Echocardiography to assess Cardiac Sarcoidosis: a preliminary analysis.**
Pietro Gioia (Napoli, Italy), Anna Agnese Stanziola, Claudio Candia, Marta Coppola

PA4083 **FDG-PET/CT imaging as a treatment guide in pulmonary sarcoidosis**
Donal O'Malley (Westport, Ireland), Ryan Donnelly, Michael P. Keane, Alessandro N. Franciosi, Jacobo Sellares, Fernanda Hernandez, Ashley Cattram, Nishant Gupta, Francesco Bonella, Emmet E. Mcgrath, David J. Murphy, Cormac Mccarthy

PA4084 **Late Breaking Abstract - BAL gene signatures associated with survival and prognosis in idiopathic pulmonary fibrosis**
Marieke De Rooy (Leuven, Belgium), Tine Follet, Marie Vermant, Emanuela E. Cortesi, Hanne Beeckmans, Astrid Vermaut, Marta Zapata-Ortega, Nathalie Veyt, Tristan Backx, Yousry Mohamady, Stefan Gogaert, Nico De Crem, Bart Vanaudenaerde, Wim A. Wuyts, Marianne S. Carlon, Laurens J. De Sadeleer

PS-38 Session 331 12:30 - 14:00

Poster session: Pulmonary arterial hypertension: new molecular pathways and new therapeutic insights

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : Epidemiology Public health Cell and molecular biology Imaging Physiology Pulmonary function testing

Chairs : Mark Toshner (Cambridge, United Kingdom), Johad Khoury (Haifa, Israel)

PA4085 **Late Breaking Abstract - Results from a phase 1, randomized, double-blind, single and multiple ascending oral dose study characterizing the PK, safety, and target engagement of the Rho kinase 1 and 2 inhibitor ROC-101 in healthy volunteers**
Marc Humbert (Le Kremlin-Bicêtre, France), William Marshall, Tanuj Kamineni, M. Kathryn Steiner, Valvanera Vozmediano, Leyanis Rodriguez-Vera, James Hui

PA4086 **Right Ventricular Response to Pulmonary Hypertension: Sex- and Strain-Dependent Differences in Sugen5416 and Hypoxia Models**
Sailun Wang (Giessen, Germany), Jill Kowitz, Christina Pilz, Jochen Wilhelm, Friedrich Grimminger, Hossein A. Ghofrani, Norbert Weissmann, Khodr Tello, Werner Seeger, Ralph Schermuly, Baktybek Kojonazarov

PA4087 **ALK1:BMPRII receptor clustering by an agonist bispecific antibody (rDIAG723) prevents PAH development in the rat sugen hypoxia model**
Andrew Sullivan (Watertown, United States), Huan Yue, Sean Guo, Aysheh Alrfooh, Melissa Geddie, Patrick Andre

PA4088 **Preclinical evaluation of a novel vector for Pulmonary Hypertension diagnosis and treatment**
Harm Jan Bogaard (Amsterdam, Netherlands), Joey Muns, Kevin Ademzek, Rychon Van Dasselaar, Xiaoqing Sun, Keimei Yoshida, Sylvia Klomp, Esther Nossent, Jan Willem Duitman, Bart Nijmeijer, Guus Van Dongen

PA4089 **Effect of combined 5-HT1B receptor antagonist and serotonin reuptake inhibitor LY393558 on isolated pulmonary artery in monocrotaline-induced rat pulmonary arterial hypertension model**
Lina Köylüoğlu (Ankara, Turkey), Sena Köz, Gökçen Telli

PA4090 **Long-term survival in patients with pulmonary arterial hypertension with comorbidities stratified by risk classification.**
Misaki Kanezawa (Okayama, Japan), Hiroto Shimokawahara, Keiichiro Kuronuma, Hiromi Matsubara

PA4091 **FHL2 is a novel target in pulmonary arterial hypertension**
Cacharel Nadeem (Amsterdam, Netherlands), Diana Perez, Carlie De Vries, Kondababu Kurakula

PA4092 **LSC - 2025 - Divergent roles of senescent endothelial cells in the development of pulmonary arterial hypertension**
Elmira Safaie Qamsari (Ottawa, Canada), Yupu Deng, Nicholas D Cober, Jalil Azami, Anu Situ, Duncan J Stewart

PA4093 **Hypoxic induction of SGLT2 promotes pulmonary hypertension involving endothelial NADPH oxidases and the HIPPO pathway effector YAP**
Xiaoyi Zhan (Munichen, Germany), Sophie Kerth, Andreas Petry, Xinpei Chen, Marion Frankenberger, Katrin Milger-Kneidinge, Michaela Barnikel, Valerie B Schini-Kerth, Sebastian Michel, Agnes Görlach

PA4094 **Decoding the impact of epicardial adipose tissue on right ventricular failure in pulmonary arterial hypertension**
Manon Mougin (Quebec Qc, Canada), Sarah-Eve Lemay, Antonella Abi-Sleimen, Mélanie Sauvaget, Sandra Breuil-Bonnet, Sandra Martineau, Olivier Boucherat, Steeve Provencher, Sébastien Bonnet, Francois Potus

PA4095 **The role of SOX17 in the shear stress response of the arterial endothelium**
Jurjan Aman (Amsterdam, Netherlands), Beau Neep, Laura De Heus, Xiaoke Pan, Robert Szulcek, Martin Wilkins, Christopher Rhodes, Harm Jan Bogaard

PA4096 **Endothelial USP2a-METTL16 loop amplifies IL-6 signaling in pulmonary hypertension**
Hanqing Zhu (Shanghai, China)

PA4097 **IRG1/Itaconate axis-mediated inter-organ communication: unraveling bone marrow dynamics in pulmonary hypertension**
Golnaz Hesami (Giessen, Germany), Siavash Mansouri, Tessa Smachtel, Chanil Valasarajan, Samuel Olapoju, Baktybek Kojonazarov, Andreas Weigert, Stefan Günther, Sebastien Bonnet, Werner Seeger, Michael Rieger, Rajkumar Savai, Soni Savai Pullamsetti

PA4098 **The role and mechanism of gut microbial metabolite trimethylamine N-Oxide in the occurrence and development of right heart failure**
Qianwen Bai (Guangzhou, China), Tao Wang

PA4099 **Increased bone morphogenetic protein 10 in precapillary pulmonary hypertension patients**
Jessie van Wezenbeek (Amsterdam, Netherlands), Aida Llucia-Valldeperas, Joanne A Groeneveldt, Rowan Smal, Gonzalo Sánchez-Duffhues, Clarissa Becher, Azar Kianzad, Samara M A Jansen, Jeroen N Wessels, M Louis Handoko, Lilian J Meijboom, J Tim Marcus, Petr Symersky, Hans W M Niessen, Anton Vonk-Noordegraaf, Harm Jan Bogaard, Marie-Jose Goumans, Frances S De Man

PA4100 **The impact of amyloid-beta and phosphorylated tau 217 on pulmonary hypertension associated cognitive dysfunction**
Ping Yuan (Shanghai, China), Wenhui Wu, Sugang Gong, Xiaohuan Xia, Jialin C. Zheng

PA4101 **Targeting adenylyl cyclase isoform 6: novel therapy for pulmonary hypertension**
Saeid Maghsoudi (Winnipeg, Canada), Vikram Bhatia, Alexander Pritchard, Martha Hinton, Prashen Chelikani, John L. Sorensen, Shyamala Dakshinamurti

PA4102 **Circulating biomarkers for discriminating pulmonary arterial hypertension and pulmonary veno-occlusive disease**
Jan-Christopher Kamp (Hannover, Germany), Enrico Calvino Iglesias, Felix Polten, Andreas Pich, Ulrike Schrameck, Mareike Knoll, Marius M. Hoeper, Karen M. Olsson, Da-Hee Park, Mark P. Kuehnel, Danny D. Jonigk, Marc Humbert, Fabrice Antigny, Julien Grynblat, David Montani, Lavinia Neubert

PA4103 **Prognostic Significance of Heart Rate Recovery After 6-Minute Walk Test in Pulmonary Arterial Hypertension**
sojirat wiwatcharoenkul (bangkok, Thailand), Suree Sompradeekul, Krittika Teerapuncharoen

PA4104 **Second- and Third-generation BCR-ABL Tyrosine-Kinase Inhibitors and the Risk of Pulmonary Arterial Hypertension: A Prevalent new-user Population-based Cohort Study**
Clément Jambon-Barbara (Grenoble, France), Samy Suissa, Sophie Dell'Aniello, Alex Hlavaty, Jean-Luc Cracowski, Marie-Camille Chaumais, Marc Humbert, David Montani, Charles Khouri

PS-39 Session 332 12:30 - 14:00

Poster session: Pleural diseases

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Surgery | Cell and molecular biology | Imaging | Palliative care | Physiology | Public health

Chairs : Amanda Dandanell Juul (Odense S, Denmark), Eric Daniel Tenda (Jakarta, Indonesia)

PA4106 **Indwelling pleural catheter: experience and results**
Teresa Mascarell Roda (Sevilla, Spain), Irene Pacheco Carrillo, Andrea Vera Pila, Patricia Montero Sanz, Antonio Javier Cruz Medina, Nuria Reyes Núñez

PA4107 **Local Anesthetic Thoracoscopy: Experience with a Day Hospital regimen in a University Hospital**
Mateus Freire Moraes (Rio de Janeiro, Brazil), Renato Abelha

PA4108 **Pleuroscopy could be performed safely in both acute and convalescent hospital in Hong Kong**
Yiu Fai Cheng (Hong Kong, Hong Kong), Thomas Mok, Sai On Ling, Yik Ning Poon, Pak Yuen Yau, Chie Wai Yim, Cee Kin Tseng, Chin Tong Kwok, Hoi Yee Kwan

PA4109 **Differences in sampling devices in medical thoracoscopy**
Yuji Matsumoto (Tokyo, Japan), Hideaki Furuse, Kenya Sato, Takaaki Tsuchida

PA4110 **Predictive factors of patient length of stay with multiloculated pleural effusion after medical thoracoscopy: single-center retrospective cohort study**
Wiwien Heru Wiyono (Jakarta, Indonesia), Fahmi Alatas, Andika Chandra Putra, Erlina Burhan, Amirah Nisrina, Muhammad Ilham Dhiya Rakasiwi, Elvan Wiyarta, Gita Fajri Gustya, Adlina Briliani

PA4111	**Patients with trapped lungs and non-specific pleuritis have shorter survival** Ales Rozman (Golnik, Slovenia), Tara Velepec, Blaz Cestnik, Mateja Marc Malovrh
PA4112	**Managing Pain in Trapped Lung: A Prospective Evaluation of Air Entrainment Efficacy** Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Gareth Duck, Hannah Collins, Hannah Miller, Jurgen Herre
PA4113	**Malignant pleural effusion in mutant NSCLC: can PROMISE score still predict survival?** Rita Enriquez (Montijo, Portugal), Jorge Cabral, Margarida Aguiar, Maria Alvarenga-Santos, Carla Simão, Filipa Todo-Bom
PA4114	**Re-expansion pulmonary oedema following medical thoracoscopy** Si Ling Young (Singapore, Singapore), Mei Ting Lim, Brian Lee Wei Chua, Qiao Li Tan, Carrie Kah-Lai Leong, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Ken Junyang Goh
PA4115	**Innovation in Pleuroscopy: Efficacy and safety of an externally applied monopolar electrocautery pencil to biopsy forceps for hemostasis.** Subho Sarkar (North 24 Parganas (West Bengal), India), Sameer Bansal, Chakravarthi Loknath, Ravindra Mehta
PA4116	**The burden of hepatic hydrothorax in an Egyptian tertiary hospital** Ahmed Elhoffy (Alexandria, Egypt), Mohamed Yosri, Youssef Elsourady, Eman Sallam, Basma Elshaarawy, Elsayed Elrashidy, Eman Elshinawi, Maged Hassan
PA4117	**Impact of pleural service on management of pneumothorax: a three-year review.** Viktoria Oakden (Stoke-on-Trent, United Kingdom), Fathima Fiyaminna, Moustafa Aboushehata, Tess Cusay, Shanel Bichu, Alison Tang, Randeep Karwal, Aye Sandar, Fatma Naser, Mohammed Haris
PA4118	**Comparative analysis of doxycycline and talc pleurodesis in the treatment of secondary spontaneous pneumothorax** Abdul Samad (Bahawalpur, Pakistan), Muhammad Sajjad Sarwar, Muhammad Rauf-Ul-Hassan, Farah Naz, Saba Mukhtar
PA4119	**Late Breaking Abstract - Learning curve for transbronchial lung cryobiopsy in diagnosing interstitial lung diseases** Mingming Deng (Beijing, China), Gang Hou
PA4120	**Efficacy and safety of fibrinolytic therapy during medical thoracoscopy: a retrospective observational study** Elena Capelli (Bolzano, Italy), Johanna Koehl, Michele Fronza, Floriana Bardaro, Emanuele Stirpe
PA4121	**Pleural tuberculosis: the role of medical thoracoscopy in the modern era** Ana Rita Dos Santos Martins (Vila Real, Portugal), Rebeca Natal, Francisco Henriques, João Neiva Machado, Salvato Feijó, Sónia Silva
PA4122	**The utility of ultrasound-guided aspiration of minimal pleural effusion in cancer diagnosis and staging** Syed Muhammad Zubair (Kettering, United Kingdom), George Tsaknis, Muhammad Naeem, Raja Reddy
PA4123	**Impact of respiratory consultation on interventional radiology-guided pleural procedures (IRGPP)** Abigail Hallum (Birmingham, United Kingdom), Khalil Saadeh, Alana Livesey, Finn Whittaker, Sarah Shuker, Farrukh Rauf, Benjamin Sutton, Richard Thompson, Nadeem Maddekar
PA4124	**Primary Spontaneous Pneumothorax: association with different smoking habits, pathological lung changes and treatment patterns in a cohort from United Arab Emirates (UAE)** Tala Dalati (Abu dhabi, United Arab Emirates), Emad Raidullah, Yasser Alkassar, Rehab Al Maashari, Shaima Al Ameri, Marah Al Torkmani, Hajar Abid, Waqar Gaba, Tajammal Zahoor, Syed Athar, Ihab Al Magdub, Husen Abdulrahman, Marwan Najib, Muhammad Tufail

PS-4 Session 333 12:30 - 14:00

Poster session: New physiological insights in COVID-19 and other chronic conditions

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | Physiology | Imaging | Surgery | General respiratory patient care

Chairs : Afroditi Boutou (Thessaloniki, Greece), Angelos Vontetsianos (Athens, Greece)

PA4125	**Dyspnoea in never-hospitalised Long-COVID investigated in the EXPLAIN study shows no clinically significant association with pulmonary gas transfer or coagulation biomarkers** Kher Lik Ng (Oxford, United Kingdom), Laura Saunders, Guilhem Collier, James Grist, Isobel Dunstan, Ranoromanana Evans, Maja Lachut, Laurie Smith, Jenna Ablott, Scarlett Strickland, Lotta Gustafsson, Siby Thomas, Jenny Rodgers, Nina Kainth, Leizl Alvarez, Gavindren Vuddamalay, Avianna Laws, Emma Hedley, Samantha Jones, Paul Hughes, Amany Elbehairy, Thomas Newman, Megan Plowright, Kenneth Jacob, Anthony Mcintyre, David Capener, Jody Bray, Marianne Durrant, Huw Walters, Lily Dryhurst-Pearce, Kylie Yeung, Lisa Watson, Oliver Rodgers, Ryan Munro, Viktorie Madhusudhan Stisova, Mark Cox, Demi Jakymelen, Victoria Harris, Violet Matthews, Nina Mulvey, William Hickes, Daphne Parramon, Najib Rahman, Alexander Horsley, Helen Davies, Jim Wild, Fergus Gleeson, Emily Fraser, A A Roger Thompson, Susie Shapiro
PA4126	**Breathing during recovery after exercise testing in patients with Long Covid and Dysfunctional Breathing.** Andreas Asimakos (Athens, Greece), Stavroula Spechioti, Dimitrios Spaggoulakis,, Alice Vassiliou, Archontoula Antonoglou, Ioanna Dimopoulou, Paraskevi Katsaounou
PA4127	**Correlation between machine learning based chest CT quantification and persistent symptoms in post-Covid-19 patients** Julien COHEN (GENEVA, Switzerland), Vicente Estopier-Castillo, Cécile Olivier, Marie Destors, Gilbert Ferretti, Jean-Louis Pépin, Renaud Tamisier, Sam Bayat
PA4128	**ME/CFS and Long COVID Pathophysiology Investigated by Invasive Cardiopulmonary Exercise Test (iCPET) and Autonomic Function Testing** Johanna Squires (Boston, United States), Peng Li, Shreya Palwayi, Zhenhao Lu, Sarra Al-Zayer, Wenzhong Xiao, Donna Feslsenstein, Peter Novak, Aaron Waxman, David Systrom
PA4129	**Pulmonary Function, Dyspnea, Exercise Capacity, and Gas Exchange in Different CT Patterns During COVID-19 Recovery** Flavia Folchini (São Paulo, Brazil), Eliana Bandini, Thales Ishizaki, Suzana Tanni, Eloara Campos, João Marcos Salge, Marcio Sawamura, Andre Albuquerque
PA4130	**Inspiratory muscle impairment in COVID-19 survivors, 3 years after hospital discharge.** Pauliane Santana (São Paulo (SP), Brazil), Carlos Carvalho, Pedro Caruso
PA4131	**Chest CT-scan myosteatosis assessment, prevalence and impact in patients with persistent dyspnea after COVID-19 infection** Paulin Mauvy (Clermont-Ferrand, France), Frederic Costes, Bruno Pereira, Yves Boirie, Lucie Cassagnes, Camille Rolland-Debord
PA4132	**Quantitative analysis of airway volume on preoperative computed tomography as a predictor of postoperative pulmonary complications and survival following colorectal cancer surgery** ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Dimitrios Stamatiou, Fang Gao-Smith, Maciej Juszczak, Sharad Karandikar
PA4133	**Quantitative assessment of lung morphology using computed tomography to predict postoperative pulmonary complications following vascular surgery** ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Giulia Bertagna, Katarzyna Powezka, Massimo Vezzosi, Fang Gao Smith, Babu Naidu, Martin Claridge, Donald Adam, Maciej Juszczak
PA4134	**Extensive lung function assessment in relation to physical capacity in COPD** Amir Farkhooy (Uppsala, Sweden), Martin Färdig, Christer Janson, Björn Ställberg, Karin Lisspers, Mariann Högman, Andrei Malinovschi
PA4135	**Impact of recovery of vital signs after a 6-minute walk test over mortality in right heart failure patients.** Carlos Patricio Chávez Guzmán (MEXICO CITY, Mexico), Dulce Gonzalez Islas, Arturo Orea Tejeda, Rocío Sánchez Santillan, Luis Aldo Delgado Pérez, Maria José Hernandez Hernández, Ana Gabriela Meléndez Galeana, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Laura Patricia Arcos Pacheco, Esteban Marsel Pacheco Bazaldúa, Benigno Valderrábano Salas
PA4136	**Cholinergic system activation affects ventilation during normoxia, hypoxia and hypercapnia in a streptozotocin-induced Alzheimer's disease model.** Agnieszka Wrzesień (Warsaw, Poland), Kryspin Andrzejewski, Monika Jampolska, Katarzyna Kaczyńska
PA4137	**Patients with normal spirometry results in community diagnostics: the role of BMI** Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan
PA4138	**Computational fluid dynamic analysis of the effect of airflow vibration in maxillary sinus after virtual surgery of eosinophilic chronic rhinosinusitis** MASATO MIWA (TOKYO, Japan), Soichiro Fujimura, Luo Haoren, Masahiro Nakamura, Fumihiko Matsumoto, Makoto Yamamoto

PA4139 **Evaluating Spirometry Reference Equations: The Case for Region-Specific Standards in an Emirati Population**
Luaie Idris (Norwich (Norfolk), United Kingdom), Yasmin Elsherif Elsherif, Joel Sanchez, Mohammed Shash, Khulood Almazrouei, Najla Alnahdi, Ashraf Alzaabi

PA4140 **Comparison of spirometry equations (GLI 2022 vs PLATINO) in Mexican-Hispanics with asthma and COPD**
Arturo Cortes-Telles (Merida (Yucatan), Mexico), Diana Lizbeth Ortiz-Farias, Alberto Esquivel-Pacheco, Alma Rodríguez-Guzmán, Owen D. Harris, Jordan A. Guenette

PA4141 **Contrasting GOLD and STAR classifications of COPD spirometric severity: assessment of clinical scores and walking capacity**
Fernanda Oliveira Baptista da Silva (Porto Alegre (RS), Brazil), Litieli Evelin Wagner, Artur Zanelatto Santos, Lauren Dos Santos Copatti, Laura Correa De Bastos Trombin, Amanda Calage Pinto, Cecilia De Barros Rodenbush, Rebecca Remião De Figueiredo, Alice Scussel, Marli Maria Knorst, José Alberto Neder, Danilo Cortozi Berton

PA4142 **Ranges of exhaled breath (EB) temperature, humidity and end tidal carbon dioxide (CO2) in a community-based cohort in India.**
Abhishek Sabale (Pune, India), Sapna Madas, Monica Barne, Vandana Das, Monika Dhawale, Ashfaq Shaikh, Asmita Gaikwad, Sanskruti Kale, Pratiksha Dudhbhate, Gayatri Rajvaidya, Shitalkumar Zambad, Sundeep Salvi

PA4143 **Patient responses to nebulised 0.9% sodium chloride in COPD with exacerbations: not a simple solution**
Francesca Conway (London, United Kingdom), Anand Tana, James Tonkin, Leeh Faustino, Christopher Orton, Justin Garner, Jadwiga Wedzicha, Pallav Shah

PA4144 **Novel continuous flow hand-held portable oxygen concentrator technology challenges gold standard in ambulatory oxygen therapy**
Jay Flack (Kogarah (NSW), Australia), Veronica Yozghatlian, Yizhong Zheng, Alexandra Smith

PS-40 Session 334 12:30 - 14:00

Poster session: Scan and you will see

Disease(s) : Respiratory critical care | Thoracic oncology | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Imaging | Pulmonary function testing | Endoscopy and interventional pulmonology | General respiratory patient care | Physiology

Chairs : Abdul Majeed Arshad (Chennai (Tamil Nadu), India), Casper Falster (Odense, Denmark)

PA4145 **Development and validation of a novel sonographic scoring system to differentiate exudative and transudative pleural effusions-The TELL score**
Rishab Rampradeep (Chennai, India), Gangadharan Vadivelu

PA4146 **Diaphragmatic ultrasound for assessing airway obstruction: a cross-sectional double-blind study.**
Jose Daniel Cordero Marquez (Torrejon de Ardoz, Spain), Stephany Ivonne Briones Alvarado, Tinixara Hernández Hernández, Angelica Maria Quito Parra, Vanessa Gabriela Del Valle Gómez Siso, Walther Ivan Giron Matute

PA4147 **Role of Thoracic Ultrasound as early predictor of talc pleurodesis failure in Malignant Pleural Effusion – Preliminary results**
Gaia Ciaschini, Luca Malandrino, Giuseppe Ciaravino, Federico Raimondi, Luca Novelli, Greta Chiodini, Giampietro Marchetti, Michela Bezzi, Fabiano Di Marco

PA4148 **Lung UltraSound-Pulmonary Infarction (LUS-PI): a pilot study**
Francesco Tannura (Pisa, Italy), Sara Cinquini, Giovanna Manfredini, Giorgia Centolanze, Elisabetta Casto, Chiara Cappiello, Michele Paladina, Costanza Cerrini, Michela Pardini, Martina Vexina, Francesco Pistelli, Alessandro Celi, Roberta Pancani, Laura Carrozzi

PA4149 **Thoracic Ultrasound in Idiopathic Pulmonary Fibrosis Evolution (TOUPIE): A Prospective Study**
SYLVIE LEGUE (Tours, France), Thomas Flament, Gilles Mangiapan, Nourou Dine Bankole, Yan Min Xu, Jean Baptiste De Freminville, Laurent Plantier, Sylvain Marchand-Adam

PA4150 **Diagnostic accuracy of shear wave elastography in predicting malignant pleural effusions**
Doaa Magdy (Assiut, Egypt), Suzan Salama, Mai Assem, Reham Sameeh, Sahar Mahmoud

PA4151 **Are you seeing what I'm seeing? Inter-rater comparison in assessing mimicked Inducible laryngeal obstruction (ILO) with trans-laryngeal ultrasound (TLUS)**
Claire Slinger (Clitheroe (Lancashire), United Kingdom), Sally Richmond, Jodi Allen

PA4152 **Agreement between Diaphragm Ultrasound and Pulmonary Function Testing in the evaluation of Diaphragm Function in patients with ALS**
Alessandro Siena (San Giorgio a Cremano, Italy), Francesca Di Meo, Caterina Debelak, Alice Chillemi, Fausta Viccaro, Maria D'Andria, Arianna Sanna, Letizia D'Antoni, Paolo Palange

PA4153 **Physician performed ultrasound guided biopsy of thoracic lesions – single centre experience**
Dora Amran (Westcliff On Sea, United Kingdom), Marcus Pittman

PA4154 **The value of physician led US-guided biopsies in lung cancer**
Marwan Abououf (Preston, United Kingdom), Tousif Baig, Maged Hassan

PA4155 **Diagnostic Performance of Shear-Wave Elastography in Differentiating Specific Benign Subpleural Lung Lesions**
Yao-Wen Kuo (Taipei City, Taiwan), Yen-Lin Chen, Yung-Hsuan Chen, Huey-Dong Wu, Hao-Chien Wang

PA4156 **Prevalence of OSA and diaphragmatic ultrasound assessment in newly diagnosed ALS patients**
GAIA CIASCHINI (BERGAMO, Italy), Francesco Caglioni, Luca Novelli, Christian Mazzola, Michele Capelli, Marcella Vedovello, Luca Malandrino, Roberta Trapasso, Federico Raimondi, Fabiano Di Marco

PA4157 **Novel Quantitative Lung Ultrasound Spectroscopy Approach to differentiate Acute Exacerbation of Pulmonary Fibrosis from Pulmonary Fibrosis – preliminary results from SAURON Study**
Giovanni Pierro (Rome, Italy), Alessandro Perrotta, Federico Mento, Mattia Perpenti, Libertario Demi, Andrea Smargiassi, Riccardo Inchingolo

PA4158 **Echocardiographic parameters in patients with right heart failure and sarcopenia**
Luis Aldo Delgado Pérez (Ciudad de México, Mexico), Arturo Orea Tejeda, Dulce González Islas, Rocío Sánchez Santillán, María José Hernández Hernández, Carlos Patricio Chávez Guzmán, Andrea Bárcenas Montiel, Danna Paola Jiménez Cruz, Ana Gabriela Meléndez Galeana, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Esteban Marsel Pacheco Bazaldúa, Nadia Hernández López, Laura Patricia Arcos Pacheco, Guillermo Pérez Cortés, Esperanza Trejo Mellado, Ana Bertha Pimentel Aguilar

PA4159 **Diagnostic yield and safety of ultrasound-guided transthoracic biopsy in lung cancer**
Mohamed Redha Selmani (Batna, Algeria), Tarek Djenfi, Rachida Djebaili

PA4160 **Late Breaking Abstract - MECRIS - Mediastinal Cryobiopsy study in Sweden: Study design, aims and preliminar y result.**
Hamid Akbarshahi (Lund, Sweden), Anders Näslund, Ilias Lyroudis, Hans Brunnström, Annika Patthey, Marija Kotevska, Jaroslaw Kosieradzki, Ala Muala, Anders Blomberg, Stefan Barath, Annelie Behndig

PA4161 **Late Breaking Abstract - Diagnosing lymphoma by percutaneous cryobiopsy of an axillary lymph node: a case report**
Marco Trigiani (Ghedi (BS), Italy), Luca Ciani, Valentina Luzzi, Leonardo Giuntoli, Anna Lindahl, Lucia Del Frate, Barbara Fricelli, Valentina Rossi, Lisa Innocenti, Laura Tarchi, Romina Decimo, Massimo Bacci, Anna Faini, Stefano Fontani, Camilla Eva Comin, Lorenzo Corbetta, Sara Tomassetti

PA4162 **Late Breaking Abstract - Diagnostic yield and safety of endobronchial ultrasound-guided tranbronchial biopsy for mediastinal/hilar lymphadenopathy: a systematic review and network meta-analysis**
Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng, Shuping Lyu

PA4163 **Late Breaking Abstract - Seeing the Unseen: Quantifying 3D Airway Branching from Lung CT Scans**
Haruhisa Oda (Tokyo, Japan), Vanessa Robins, Donato Vicendese

PA4164 **Late Breaking Abstract - Feasibility of Apple Vision Pro in the Bronchoscopy Suite**
Emily Mitchell (San Diego, United States), Bryce Duchman, Graham Spurzem, Ryan Broderick, Niral Patel, Keriann Van Nostrand, Jorge Munoz Pineda, Russell Miller, George Cheng

PS-5 Session 335 12:30 - 14:00

Poster session: New physiological insights in imaging and muscle function

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Pulmonary vascular diseases | Thoracic oncology | Interstitial lung diseases

Method(s) : Physiology | Pulmonary function testing | Epidemiology | Imaging | Surgery | General respiratory patient care | Pulmonary rehabilitation | Public health | Respiratory intensive care

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Damien Bachasson (Paris, France)

PA4165 **Electrophysiological assessment of the upper airway dilator muscles in patients with motor neurone disease**
Asim Madkhali (London, United Kingdom), Ahmed Almaghrabi, Mohammed Alkhathami, Gillian Radcliffe, Jennifer Owusu-Afriyie, Saba Bokhari, Michelle Ramsay, Georgios Kaltsakas, Joerg Steier

PA4166 **Forced oscillation technique indices are related to upper airway dysfunction in ALS patients**
Angelos Vontetsianos (Athens, Greece), Neeraj Shah, Nikolaos Chynkiamis, Christina Anagnostopoulou, Annita Papasarantou, Grigorios Stratakos, Petros Bakakos, Nikolaos Koulouris, Georgios Kaltsakas

PA4167 **Association of Flow -Volume loop patterns and Clinical Outcomes Patients with Amyotrophic Lateral Sclerosis (ALS)**
Supasin Nokron (Bangkok, Thailand), Worawan Sirichana

PA4168	**Prediction of cough effectiveness in amyotrophic lateral sclerosis patients assessed by ultrasound of the diaphragm during the cough expiration phase** Alice Chillemi (Nettuno, Italy), Caterina Debelak, Alessandro Siena, Francesca Di Meo, Fausta Viccaro, Arianna Sanna, Maria D'Andria, Letizia D'Antoni, Paolo Palange
PA4169	**Diaphragm ultrasound and respiratory function in Duchenne muscular dystrophy: a multicenter study.** Luca Ciceri (Milan, Italy), Elisabetta Roma, Daniela Leone, Andrea Lizio, Cristina De Rose, Danilo Buonsenso, Emilio Albamonte, Stefano Becchiati, Margherita De Gaspari, Chiara Gallivanone, Marino Iatomasi, Paolo Tarsia, Eugenio Maria Mercuri, Valeria Sansone, Federica Trucco
PA4170	**Quantitative evaluation of diaphragmatic motion in Patients with COPD using dynamic chest radiography** Yajuan Chen (Chongqing (Chongqing), China), Rouqian Chen, Junlin Fan
PA4171	**Diaphragmatic-controlled breathing increases cardiac vagal modulation** Antonella LoMauro (Milano (MI), Italy), Angelica Carandina, Gabriel Dias Rodrigues, Ludovico Furlan, Eleonora Tobaldini, Andrea Aliverti, Nicola Montano
PA4172	**Respiratory muscle endurance and exercise-induced respiratory muscle fatigue in adults with the Fontan palliation** Kyle Boyle (Zurich, Switzerland), Patrick Schön, Fernando Beltrami, Matthias Greutmann, Christina Spengler
PA4173	**The influence of thoracoabdominal binding or added abdominal weight on responses to rapid bilateral anterolateral magnetic phrenic nerve stimulation** Kyle Boyle (Zurich, Switzerland), Anna Stahel, Andrea Beglinger, Esther Schwarz, Christina Spengler
PA4174	**Thoracic motion analysis using a TrueDepth camera in patients with relapsing polychondritis.** Yoshihiro Nishi (kawasaki, Japan), Shohei Sato, Hiroshi Handa, Hiroki Nishine, Takemi Matsui, Masamichi Mineshita
PA4175	**Assessment of lung parenchymal elasticity in smokers using magnetic resonance elastography and oscillometry** Sabine Bensamoun (Compiègne cedex, France), Philippe Pouletaut, Fabrice Chaeleux, Sam Bayat
PA4176	**Diaphragm thickness as a predictor of postoperative pulmonary complications and survival following colorectal cancer surgery** ABDULRHMAN GAZWANI (Birmingham, United Kingdom), Dimitrios Stamatiou, Fang Gao-Smith, Maciej Juszczak, Sharad Karandikar
PA4177	**Effect of oestrogen and progesterone on hypoxic exercise ventilation and respiratory muscle recruitment: considerations of the menstrual cycle and post-menopause** Sierra Arn (Vancouver, Canada), Shalaya Kipp, Rachel Jackman, Michael G. Leahy, Chloe Mathews, Eva C. Fleming, Michael S. Koehle, Janice M. Leung, A. William Sheel
PA4178	**Evaluation of factors associated with respiratory muscle function before lobectomy in individuals with lung cancer** Funda Alma (Ankara, Turkey), Ebru Calik Kutukcu, Mehmet Ruhi Onur, Erkan Dikmen, Ulas Kumbasar, Serkan Uysal, Riza Dogan
PA4179	**Interaction between ventilatory limitations and cardiac function during exercise in HFpEF** Joshua Smith (Rochester, United States), Shane Hammer, Barry Borlaug, Yogesh Reddy
PA4180	**Lung derecruitment by oscillometry is not related to mean lung density in asthma** Kaj E.C Blokland (Macquarie Park, Australia), Hunor Kertesz, Katrina Tonga, David Chapman, Gregory King
PA4181	**High-Density Lipoprotein Cholesterol and Lung Function Decline: A Prospective Cohort Study** Young Sam Kim (Seoul, Republic of Korea), Byunghun Yoo, Sun Ho Jung, Soo Han Bae, Chanho Lee
PA4182	**Clinical relevance of abnormal "dynamic" and "static" lung volumes in patients with COPD** Fernanda Oliveira Baptista da Silva (Porto Alegre (RS), Brazil), Litieli Evelin Wagner, Artur Zanelatto Santos, Lauren Dos Santos Copatti, Laura Correa De Barros Trombin, Amanda Calage Pinto, Cecília De Barros Rodenbusch, Rebeca Remião De Figueiredo, Davi Rodrigues Martins, Alice Scussel, Michelle Cailleaux-Cezar, Marli Maria Knorst, José Alberto Neder, Danilo Cortozi Berton
PA4183	**A Reproducible Method For Assessing Inspiratory Muscle Force Perception In Healthy Adults** Troy Cross (Forest Lodge, Australia), Kimmy Lau, Molly Mccausland, Gabriel Cho, Caroline Webb, Georgia Chaseling
PA4184	**Acute effects of cannabis oils on respiratory muscle electrical activity and cardiovascular hemodynamics and in healthy individuals** Guilherme Fregonezi (Rio Grande do Norte, Brazil), Edna Karla Ferreira Laurentino, Marina Lyra L. C. Fagundes, Jessica Danielle Medeiros Da Fonseca, Bruno Lobão Soares, Matias Otto Yañez, Emerson Arcoverde Nunes, Matheus Freitas Fernandes Pedrosa, Vanessa Resqueti

PS-6 Session 336 12:30 - 14:00

Poster session: Mechanical ventilation

Disease(s) : Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : Respiratory intensive care | General respiratory patient care | Physiology | Pulmonary function testing | Epidemiology | Endoscopy and interventional pulmonology

Chairs : Federico Tagariello (Bologna, Italy), Nina Cardinaels (Laarne, Belgium)

PA4185	**The Accuracy of the Modified Dynamic Index Incorporating PaO2/FiO2 Ratio and Heart Rate Compared to the ROX Index in Predicting High Flow Nasal Cannula Outcomes Among Patients with Acute Hypoxemic Respiratory Failure** Sofia Salome Aparece-Solis (CEBU, Philippines)
PA4186	**Proportional assist ventilation versus pressure support ventilation to reduce respiratory effort parameters in the weaning of patients with respiratory failure: A Randomized cross-over study** Methawut Chanajapo (Bangkok, Thailand), Yuda Sutherasan, Pongdhep Theerawit
PA4187	**P0.1 and PMUS as predictors of clinical outcomes in mechanically ventilated patients.** Lilian E. B. Delazari (Indaiatuba, Brazil), Lígia Dos Santos Roceto Ratti, Adria Cristina Da Silva, Melissa Sibinelli, Jady Carvalho Silva Souza, Sindy Nara Fagundes Jorge, Antonio Luis Eiras Falcão
PA4188	**Exploring the role of dynamic mechanical power density as a weaning predictor in tracheostomized patients on prolonged mechanical ventilation: a retrospective cohort study** CHENG JUNG LI (New Taipei City, Taiwan), Chia Jung Liu, Yi Hsuan Chen, Hsiu Ling Lin, Jui Chun Wang
PA4190	**Extending respiratory compliance monitoring towards pressure support ventilation in intubated patients using oscillometry** Andy Keymolen (Brussel, Belgium), Antoine Marchal, Sylvia Verbanck, Gerd Vandersteen, John Lataire, Joop Jonckheer
PA4191	**Assessing the accuracy of molecular flow sensing for the measurement of oxygen consumption** Ben D. Fuller (sheffield, United Kingdom), Jessica S. Luiz, Graham Richmond, John H. Couper, Nick P. Talbot, Grant A. D. Ritchie, Peter A. Robbins
PA4192	**Effect of prone positioning on respiratory parameters in intubated pediatric patients: a systematic review and meta-analysis of randomized controlled trials** Chi-Tsung Chen (Taipei, Taiwan), Ping-Hsuan Chan, Shu-Chi Mu, Hsiao-Min Chou, Shu Chen Chien
PA4193	**Multidimensional sequelae in survivors of severe pneumonia or ARDS: a multicenter study in Catalonia.** Laura Alcarraz Vázquez (Zaragoza (Zaragoza), Spain), Anna Vila Fornells, Rafaela Vaca Molina, Anna Sánchez Cucó, Esther García, Sulamita Carvalho, Ferrán Roche Campo, Luis Urrelo Cerrón, Neus Bofill, Jael Lorca Cabrera, Mónica Magret Iglesias, Sara Manrique, Salvador Perello Aragonés, Ferran Barbé, Jéssica González
PA4194	**External validation of ARDS mortality prediction model using combined clinical data and chest radiograph analysis using deep neural networks. The advantge of a scalable predictive model** Ana Cysneiros (Lisboa, Portugal), Tiago Galvão, Nuno Domingues, Rachael Cusack, Pompeo Kouroupis, Luis Bento, Ignacio Martin-Loeches
PA4195	**Bench test comparison of absolute humidity in cleared humidification devices and a novel humidification system** Melanie Moylan (North Turramurra, Australia), Helen Cunningham, Sandra Grau-Bartual
PA4196	**Comparison of scoring systems for mortality prediction in acute exacerbation of chronic obstructive pulmonary disease** SOUHA BEN SALEM (Monastir, Tunisia), Dhouha Ben Braiek, Nadine Boukadida, Rania Hidri, Sourour Bel Haj Youssef, Yosri Ben Ali, Imen Ketata, Rahma Ben Jazia, Ameni Kacem, Imen Kharrat, Jihene Ayachi
PA4197	**A comparative analysis of patients with nosocomial infections in a Respiratory intensive care unit during and after a pandemic: a retrospective study** Pavel Yordanov (Varna, Bulgaria), Figen Mustafa, Nikoleta Mircheva, Petar Georgiev, Anton Antonov, Konstantin Kapitanov, Pavlina Peneva, Valentina Dimitrova, Diana Petkova
PA4198	**Diagnostic accuracy of respiratory rate-oxygen saturation (ROx) index for outcome of extubation in adult patients who are mechanically ventilated in a tertiary hospital** Ervin Espinosa (Sta Cruz, Manila, Philippines), Lucky Joy Alcabedos, Noriel Dimaandal, Eden Sarmiento
PA4199	**Respiratory frequency and arterial carbon dioxide pressure in the prognosis of highflow treated hypoxemic respiratory failure** Ibrahim Koc (Bursa, Turkey), Melike Seyda Dagdelen
PA4200	**Late Breaking Abstract - Improved aerosol drug delivery during adult invasive mechanical ventilation with independent humidity control** Madeline Zhang (Amsterdam, Netherlands), Tom Huijgen, Hugo Öhrneman, Daniel Bonn, Cees Van Rijn, Jakob Löndahl

PA4201 **Waveform-based mechanical power calculation in mechanically ventilated patients: correlation with dynamic driving pressure**
Hye Min Kim (Seoul, Republic of Korea), Su Hwan Lee, Ah Young Leem, Ju Hye Shin, Min Kyung Park, Shi Hwan Jang, Kyungsoo Chung, Mindong Sung

PA4202 **Impact of mechanical ventilation in acute exacerbation of interstitial lung disease: a bench study**
Elise Artaud Macari (Rouen, France), Camille Thébaud, Emeline Fresnel, Shani Arrouch, Pierre-Alexandre Roger, Antoine Cuvelier, Christophe Girault

PA4203 **Thoraco-abdominal synchrony assessment in hospitalized COPD acute exacerbations using respiratory inductance plethysmography: comparison between a traditionally studied parameter (phase angle) and a new proposal (global phase delay)**
Mara Santomassimo (Cassano Magnago, Italy), Cristina Lalmolda, Annalisa Carlucci, Manel Luján

PA4204 **A retrospective descriptive study of unit costs associated with mechanical ventilator use in general medical wards**
Sunarida Munketwit (Nonthaburi, Thailand), Napplika Kongpolprom

PS-7 Session 337 12:30 - 14:00

Poster session: Noninvasive respiratory support for acute respiratory failure

Disease(s) : Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : General respiratory patient care | Respiratory intensive care | Epidemiology | Physiology | Palliative care

Chairs : Ana Cysneiros (Lisboa, Portugal), Annemijn Jonkman (Rotterdam, Netherlands)

PA4205 **Breathing via the gut – quantification of effect of an enteral CO2 absorber for the treatment of hypercapnia**
Christian Cornelissen (Aachen, Germany), Anouk Welz, Caroline Kniebs, Stefan Siebert, Anna Wichterich, Richard Ramakers, Stefan Jockenhoevel

PA4206 **High Flow Nasal Oxygen Therapy (HFNO) versus noninvasive ventilation (NIV) to treat Acute Hypercapnic Respiratory Failure (AHRF) due to Acute Excaerbation of COPD (AECOPD): A Metanalysis and Systematic Review**
Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Eric Rahul, Midhina Ravikumar, Murali Shyamsundar, Chii Haw Hon, Jaikirat Gignani, Nilakantha Sumanam, Ioannis Pantazopoulos, Paraschos Barakakis

PA4207 **High-Flow Nasal Oxygen for Hypoxic Patients with COVID-19: A Systematic Review and Meta-analysis of Randomized Clinical Trials**
Yongke Zheng (Hangzhou, China), Khizar Hayat, Longhuan Zeng

PA4208 **The effect of high-flow basal cannula flow rates on diaphragm thickening fraction in adult patients: a prospective observational study**
Chichaya Nithisatienchai (Pathumthani., Thailand), Kiattichai Daorattanachai, Pattarin Pirompanich

PA4209 **Comparison of three high-flow nasal cannula weaning strategies in critically ill adult patients: A pilot randomized controlled multicenter trial**
Taewoo Kim (Seoul, Republic of Korea), Cheon Woong Choi, Won Gun Kwack, Myung Jae Park

PA4210 **Oxygenation in acute exacerbations of interstitial lung disease: a nationwide survey**
Elise Artaud Macari (Rouen, France), Marjolaine Georges, Muriel Fartoukh, Jesus Gonzales Bermejo, Christophe Girault, Antoine Cuvelier

PA4211 **High Velocity Nasal Insufflation in High Risk Extubation Trials - A Randomised Controlled Study**
Ahmed Sadaka (Hastings, United Kingdom), Abanob Mourried, Emad Hamoudaa, Ahmed Alhefny

PA4212 **Non-invasive respiratory support escalation strategy in COVID-19 pneumonia. NIV vs CPAP after high-flow therapy failure: a single-center randomised trial.**
Toni Marín (Badalona (Barcelona), Spain), Marina Galdeano, Esther Roca, Roxana Chirinos, Andrea Garcia, Adriana Martin, Agnes Hernández, Macarena Lovera, Santiago Menjura, Judith Boiza, Sofia Acero, Leire Mendiluce, Carmen Fernández, Raquel Guillamat, Cristian Tebe, Roger Paredes, Antoni Rosell, Irene Aldás

PA4213 **The use of Non Invasive Ventilation in hospitalized patients with Palliative Care: a cross - sectional global survey.**
Antonio M. Esquinas (Murcia, Spain), Nimisha Verma, Mohan Gurjar, Anjum Joad, Vanita Ahuja, Ashish Yadav, Sunil Chowdhary, Sushma Bhatnagar, Victoria Gilrane, Mary Lookwood, Berkan Basançelebi, Zühal Karakurt, Nicola Vargas, Diogo Costa Oliveira, Aurea Higon-Cañigral, Ana Torrano Ferrández, Bushra Mina

PA4214 **Adding air leakage at the expiratory port decreases CO2 rebreathing during helmet-based ventilatory support with single-circuit and conventional ICU mechanical ventilators.**
BETINA SANTOS TOMAZ (FORTALEZA, Brazil), Eanes Delgado Barros Pereira, Bruna Cristina Mota De Sousa, Isabella De Melo Matos, Gabriela Carvalho Gomes, Pedro Almir Feitosa Morais, Renata Monteiro Jovino, Miguel R. Gonçalves, Marcelo Alcantara Holanda

PA4215 **Non-invasive ventilation: Global variation in clinical practice An International Survey of Noninvasive Ventilation (NIV) Use for Acute Respiratory Failure: A Follow-Up Survey**
David Eldeiry (JERSEY CITY, United States), Mateus Fernandes, Jacob Schwartz, Berkan Basançelebi, Bushra Mina, Antonio M. Esquinas

PA4216 **Physiological impact of non-invasive respiratory support during acute exacerbation of interstitial lung disease**
Elise Artaud Macari (Rouen, France), Camille Thébaud, Emeline Fresnel, Shani Arrouch, Pierre-Alexandre Roger, Antoine Cuvelier, Christophe Girault

PA4217 **Late Breaking Abstract - Effect of oxygen injection site on FiO_2 in home NIV: a bench study**
Maria Lucia Arango-Cortes (Puteaux, France), Luca Palazzolo, Alexis Mendoza-Ruiz, Jesus Gonzalez-Bermejo

PA4218 **Is there a role of noninvasive respiratory supports in acute exacerbation of idiopathic pulmonary fibrosis?**
Lara Letizia Latini (Ancona, Italy), Martina Bonifazi, Raffaele Scala

PA4219 **Ventilatory Management in Acute Asthma Exacerbations: Worldwide Current Beliefs and Practices**
Antonio M. Esquinas (Murcia, Spain), Sarah Hashem, Mohame M. Metwally, Roberto Santa-Cruz, Giuseppe Francesco Sferrazza Papa, Miguel Guia, Berkan Basançelebi, David El Deiry, Miachael Avaricio, Guillermo Martinez Martin, Elena Carrasco Gonzalez, Bushra Mina

PA4220 **Helmet CPAP in non-covid pneumonia-related acute hypoxemic respiratory failure (AHRF): impact of radiological involvement and microbiological isolation.**
Alessandro Guerrieri (Milan, Italy), Cristiano Bonacina, Serena Bencini, Monica Bernareggi, Roberta Cattaneo, Francesca D'Arcangelo, Ludovico Lanfranchi, Claudio Macaluso, Chiara Melacini, Luca Parachini, Martina Piluso, Stefania Raschi, Pierfranco Usai, Federica Longo, Paolo Scarpazza

PA4221 **Helmet Continuous Positive Airway Pressure as Noninvasive Ventilation for COVID-19 Patients: A Systematic Review and Meta-Analysis of Randomized Trials**
Yongke Zheng (Hangzhou, China), Khizar Hayat, Longhuan Zeng

PA4222 **Preliminary investigation of concurrent aerosol delivery with the HAMILTON-HF90 system**
Gavin Bennett (Galway, Ireland), Marc Mac Giolla Eain, Michael Koppel, Mary Joyce, Ronan Macloughlin

PA4223 **Flow resistance in two cleared heat and moisture exchangers compared with a novel humidification system.**
Sandra Grau Bartual (Auckland, New Zealand), Melanie Moylan, Helen Cunningham

PA4224 **The golden hour: a quality improvement project assessing acute non-invasive ventilation care standards and outcomes**
Sahel Sadeghi (Gillingham, United Kingdom), Nikhil Dsouza, Natalie Parkinson-Mearns, Olivia Mccrave, Sandip Banerjee

PS-8 Session 338 12:30 - 14:00

Poster session: Cutting-edge genomic and epigenomic tools for precision respiratory medicine

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Public health Pulmonary function testing

Chairs : Rui Marçalo (Aveiro, Portugal), Rashad Mohammad Mahbub (Sydney, Australia)

PA4225 **Therapy effectiveness monitoring by longitudinal measurement of mutated EGFR ctDNA in plasma of advanced NSCLC patients on first-line tyrosine kinase inhibitors**
Adam Szpechciński (Warszawa, Poland), Maciej Bryl, Emil Wojda, Mateusz Polaczek, Krystyna Maszkowska-Kopij, Pawel Sliwinski, Renata Langfort, Joanna Chorostowska-Wynimko

PA4226 **cfDNA profiling in COPD**
Rosa Faner (Barcelona, Spain), Julieta Viglino, Alejandro Torvisco, Martijn Nawijn, Maarten Van Den Berge, Alvar Agusti, Sandra Casas

PA4227 **COPD is associated with DNA methylation in bronchial brushes in the SHERLOCK study**
Jing Zhang (Groningen, Netherlands), Machteld N. Hylkema, Jorine E. Hartman, Dirk-Jan Slebos, Maarten Van Den Berge, Maaike De Vries

PA4228 **Distinct epigenetic nasal signature in T2-low asthma**
Andy Lan (Sydney, Australia), Maaike De Vries, Tatiana Karp, Victor Guryev, Nazanin Zounemat-Kermani, Ian Michael Adcock, Kian Fan Chung, Pankaj Bhavsar, Monica Kraft, Salman Siddiqui, Bianca Beghé, Klaus F. Rabe, Alberto Papi, Leonardo Michele Fabbri, Chris Brightling, Dave Singh, Janwillem Kocks, Laura Franzini, Allesio Piraino, Maarten Van Den Berge, Alen Faiz

PA4229	**Epigenome-wide association study of asthma in the Canary Islands** Mario Martín-Almeida (San Cristóbal de La Laguna, Spain), Javier Perez-Garcia, Elena Martin-Gonzalez, Fabian Lorenzo-Diaz, Paloma Poza-Guedes, Inmaculada Sánchez-Machín, Elena Mederos-Luis, José M. Hernández-Pérez, Jesús Villar, Donglei Hu, Jonathan Witonsky, Celeste Eng, Scott Huntsman, Michael A. Lenoir, Jose Rodriguez-Santana, Elad Ziv, Esteban G Burchard, Ruperto González-Pérez, Maria Pino-Yanes
PA4230	**Associations of epigenetic age acceleration in adults and chronic respiratory diseases** Javier Perez-Garcia (Palo Alto, United States), Dennis Khodasevich, Sara De Matteis, Mary B. Rice, Belinda L. Needham, David H. Rehkopf, Andres Cardenas
PA4231	**Multi-ancestry epigenome-wide association study of asthma exacerbations** Elena Martín González (San Cristóbal de La Laguna, Spain), Javier Perez-Garcia, Mario Martin-Almeida, Jonathan Witonsky, Celeste Eng, Scott Huntsman, Donglei Hu, Fabian Lorenzo-Diaz, Ruperto González-Pérez, José M. Hernández-Pérez, Paloma Poza-Guedes, Olaia Sardón-Prado, Inmaculada Sánchez-Machín, Elena Mederos-Luis, Paula Corcuera-Elosegui, Jesús Villar, Michael A. Lenoir, Jose Rodriguez-Santana, Elad Ziv, Esteban G Burchard, Maria Pino-Yanes
PA4232	**Uncovering gene targets for comorbidity based on shared genetic architecture between PRISm and common chronic diseases** Peiji Yao (Sichuan, China), Yifei Lin, Weimin Li
PA4233	**“Identification and classification of twenty-one novel SERPINA1 mutations”** Stefania Ottaviani (Pavia (PV), Italy), Martina Defelici, Alice Maria Balderacchi, Sara Magni, Davide Piloni, Sara Ylli, Giulia Maria Stella, Angelo Guido Corsico, Ilaria Ferrarotti
PA4234	**Deciphering the Spectrum of Morphology and Gene Fusions in Thoracic Inflammatory Myofibroblastic Tumours: A Ten-Year Retrospective Analysis from a Tertiary Care Centre** SHERRIN JACOB (NEW DELHI, India), Aruna Nambirajan, Adarsh Barwad, Asit Ranjan Mridha, Sunil Kumar, Prabhat Singh Malik, Deepali Jain
PA4235	**LSC - 2025 - The Impact of GLCCI1 and FKBP5 Variations on ICS Response in COPD Patients: Findings from th e HISTORIC Study** Charikleia Ntenti (Freiburg im Breisgau, Germany), Eleni Papakonstantinou, Leticia Grize, Antonis Goulas, Daiana Stolz
PA4236	**NGS analysis revealed distinct miRNA Expression Profiles in Eosinophil Subtypes in Patients with Allergic Asthma** Egle Vasyle (Kaunas, Lithuania), Andrius Januskevicius, Airidas Rimkunas, Jolita Palacionyte, Inesa Jermalaviciene, Laurita Vasiliauskaite, Kestutis Malakauskas
PA4237	**Actionable gene variants in large-cell neuroendocrine carcinomas: a real-world data** Adam Szpechciński (Warszawa, Poland), Magdalena Pelc, Urszula Lechowicz, Malgorzata Szolkowska, Joanna Moes-Sosnowska, Paulina Skronska, Elzbieta Podgorska, Emil Wojda, Mateusz Polaczek, Tadeusz Orlowski, Renata Langfort, Joanna Chorostowska-Wynimko
PA4238	**The first description of single-cell transcriptomics findings in bronchoalveolar lavage fluid from a human patient with pulmonary graft-versus-host disease (GvHD).** Sergio Ghirardo (Trieste, Italy), Erica Valencic, Francesca Peri, Massimo Maschio, Fabiana Ziberna, Michelangelo Aloisio, Nicolò Gualandi, Luigina De Leo, Alberto Tommasini, Alessandro Amaddeo
PA4239	**Molecular testing of non-small cell lung cancer (NSCLC) – focus on uncommon, emerging and rare alterations** Magdalena Pelc (Warsaw, Poland), Urszula Lechowicz, Adam Szpechcinski, Joanna Moes-Sosnowska, Paulina Skronska, Elzbieta Podgorska, Adriana Rozy, Aneta Zdral, Emil Wojda, Mateusz Polaczek, Malgorzata Szolkowska, Tadeusz Orlowski, Renata Langfort, Joanna Chorostowska-Wynimko
PA4240	**Genome-wide association studies of neutrophil functional phenotypes** Diana Chang (South San Francisco, United States), Callan O'Connor, Merete Long, Rebecca Hull, Holly Keir, Amy Gilmour, Miguel Reyes, Carrie Rosenberger, James Chalmers
PA4241	**Genomics for clinical outcome prediction in chronic respiratory diseases (CRDs).** Margherita Carnevale Schianca (20098, Italy), Gianmarco Putti, Leonardo Terranova, Marco Mantero, Andrea Gramegna, Francesco Blasi
PA4242	**Role of NLRP3 in the differential diagnosis of interstitial lung diseases** Verónica Pulito-Cueto (Santander, Spain), Joao C. Batista-Liz, David Iturbe-Fernández, Victor M. Mora-Cuesta, Sheila Izquierdo-Cuervo, Belén Atienza-Mateo, Ricardo Blanco, Raquel López-Mejías, José M. Cifrián
PA4243	**Intrapulmonary metastases of Non-small cell lung cancer promoted by a hotspot gain-of-function mutation in KMT2C** pan Tang (-, China), Zhoufeng Wang, Wenxin Luo, Lei Li, Weimin Li

PA4244 **Late Breaking Abstract - Pharmacological inhibition of Epac1 protects against pulmonary fibrosis by blocking FoxO3a neddylation**
Lahouaria Hadri (New York, United States), Kate Jankowski, Sarah-Eve Lemay, Daniel Lozano-Ojalvo, Leticia Perez-Rodriguez, Mélanie Sauvaget, Sandra Breuils-Bonnet, Karina Formoso, Vineeta Jagana, Maria Ochoa, Shihong Zhang, Javier Milara, Julio Cortijo, Irene Turnbull, Steeve Provencher, Sebastien Bonnet, Jordi Ochando, Frank Lezoualc'H, Malik Bisserier

PS-9 Session 339 12:30 - 14:00

Poster session: Mechanistic insights and therapeutic potential in asthma

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging Physiology

Chairs : Sejal Saglani (London, United Kingdom), Chair to be confirmed

PA4245 **Reduced PCYT2 Expression Leads to Phospholipid Metabolism Abnormalities and Inflammatory Pathway Activation in Bronchial Epithelial Cells of Asthma Patients**
Zemin Li (Beijing, China), Chang Chun

PA4246 **Local immunity assessment at seven anatomical sites in the upper and lower airways: High immune cell recovery for detailed cell phenotyping**
Renan M. Mauch (Copenhagen, Denmark), Julie Majormoen Davidsen, Hans Jakob Hartling, Signe Modvig, Zaigham Saghir, Pradeesh Sivapalan, Josefin Eklöf, Matiullah Naqibullah, Henrik Kløverpris, Christopher Chiu, Jens Ulrik Stæhr Jensen*, Hanne Vibeke Marquart*

PA4247 **CD146 in bronchial epithelium: a contributor to epithelial dysfunction in severe asthma?**
Florian LEPRETRE (Marseille, France), Léa Moreno, Ahmad Joshkon, Nathalie Bardin, Marcel Blot-Chabaud, Pascal Chanez, Delphine Gras

PA4248 **Evaluation of granulocyte-derived microparticles between the airway and the blood**
BELEN Muñoz Sánchez (Sevilla, Spain), Alba Fernández-Boza, Rocio Reinoso, Eduardo Márquez-Martín, Ezequiel Juan Saborido, Noelia Sola-Idigora, Carmen Marín Hinojosa, Remedios Otero, Jose L. Lopez-Campos

PA4249 **Severe asthma with concomitant elevation of blood eosinophils and FeNO is associated with mast cell recruitment and activation**
Freja Lajer (Copenhagen, Denmark), Nanna Dyhre-Petersen, Lise Lotte Eriksen, Nicole Nillo Heinsen, Morten Hvidtfeldt, Anna Von Bülow, Laurits Frøssing, Celeste Porsbjerg

PA4250 **Bone morphogenetic protein receptor type 1B (BMPR1B) is associated with TSLP+ epithelial cells in T2-low SA**
Kuan-Yuan Chen (New Taipei City, Taiwan), Kang-Yun Lee

PA4251 **Late Breaking Abstract - Long-term effect of Mepolizumab on airway remodeling in patients with late-onset severe eosinophilic asthma with obstructive pattern: a 3-Year Follow-Up of the MESILICO study.**
Kalliopi Domvri (Thessaloniki, Greece), Ioanna Tsiouprou, Grigoris Stratakos, Petros Bakakos, Paschalis Steiropoulos, Athanasios Voulgaris, Konstantinos Katsoulis, Maria Kipourou, Nicoleta Pastelli, Savvas Damdoumis, Konstantinos Kostikas, Katerina Antoniou, Andriana Papaioannou, Nikoletta Rovina, Paraskevi Katsaounou, Stavros Tryfon, Evangelia Fouka, Despoina Papakosta, Stelios Loukides, Konstantinos Porpodis

PA4252 **Late Breaking Abstract - Obesity is associated with altered epithelial lipid storage and impaired mucociliary clearance of the human airways**
Ayse Tugce Sahin (Neuherberg, Germany), Niels Tepho, Amy Ryan, Janna Nawroth

PA4253 **Eosinophil subpopulations in different asthma endotypes and their correlation with disease severity**
Matteo Accinno (Firenze, Italy), Andrea Matucci, Barbara Brugnoli, Michael Diomaiuti, Emanuele Vivarelli, Maria Elena Milanese, Miriana Lamanna, Sara Cavuoto, Lorenzo Cosmi, Alessandra Vultaggio

PA4254 **Role of Transglutaminase 2 in mucus plugging in asthma**
Severine Letuve (Paris, France), Timothe Bonneault, Mathilde Le Brun, Fatoumata Camara, Céline Sallon, Catherine Robbe-Masselot, Kenza Belazouz, Sabrina Bedja, Fatima Hamidi, Pierre Mordant, Pierre Launay, Luc De Chaisemartin, Camille Taillé

PA4255 **Mechanisms of exosome Mir-126-5p regulation of asthma through the vascular endothelial-macrophage axis**
LANLAN ZHANG (CHENGDU, China)

PA4256 **Bronchial smooth muscle extracellular vesicles interfere with bronchial epithelium metabolism and function in asthma**
Elisa Celle (Pessac, France), Pauline Esteves, Amine Chahin, Fabien Beaufils, Guillaume Cardouat, Edmée Eyraud, Clément Bouchet, Marilyne Campagnac, Olga Ousova, Hugues Begueret, Matthieu Thumerel, Rémi Dubois, Jean-William Dupuy, Thierry Leste-Lasserre, Sabrina Lacomme, Nina Lager-Lachaud, Floriant Bellvert, Roger Marthan, Pierre-Olivier Girodet, Patrick Berger, Thomas Trian

PA4257	**Bronchial epithelial cells in asthma: Do they produce energy the right way?** Pierre-Alexandre Gagnon (Québec, Canada), Charlotte Romanet, Olivier Boucherat, Mahmoud Rouabhia, Martin Klein, Jamila Chakir
PA4258	**Targeting estrogen receptors reduces platelet-leukocyte complexes and cell recruitment in lung inflammation** Alembert Lino Alvarado (London, United Kingdom), Simon Pitchford, Yanira Riffo-Vasquez
PA4259	**Unraveling the role of serine/arginine-rich proteins in growth factor-induced GRβ expression in asthmatic airway smooth muscle** Patricia Ramos-Ramírez (Stockholm, Sweden), Klaudia Kaczmarek, Olivia Téllez-Jiménez, Omar Tliba
PA4260	**Late Breaking Abstract - CosMx™ subcellular spatial molecular imaging of bronchial biopsies from patients with severe eosinophilic asthma treated with mepolizumab. Preliminary results of the MESILICO study.** Kalliopi Domvri (Thessaloniki, Greece), James Sinclair, Sarah William, Amanda Julie Cox, Nicolas Peter West, Konstantinos Porpodis
PA4261	**Mucosal CD8+ T cells correlate with measures of airflow limitation in adults born preterm** Mervi Kreus (Stockholm, Sweden), Petra Um-Bergström, Heta Merikallio, Elisa Lappi-Blanco, Eva Berggren-Broström, Erik Melén, Anders Lindén, Åsa Wheelock, Riitta Kaarteenaho, Magnus Sköld
PA4262	**Novel guardians of respiratory mucosa: Microfold cell expansion upon chronic antigen challenge** Tsung-Yu Pai (Camperdown, Australia), Angelica Katsifis, Jacqueline E Marshall, Duc H Nguyen, Ashleigh M Philp, Karl J Hegarty, Gesa J Albers, Thomas M Ashhurst, Matt D Johansen, Diana H Quan, Gabrielle T Belz, Elinor Hortle, Philip M Hansbro
PA4263	**Farm dust modifies rhinovirus-induced antiviral and inflammatory responses in airway epithelial cell cultures** Jasmijn A. Schrumpf (Leiden, Netherlands), Dennis K. Ninaber, Christoph Muller, Bettina Rankl, Oscar R.J. Van Hengel, Jasper H.L.T. Van Genugten, Erika Von Mutius, Hermlijn H. Smits, Pieter S. Hiemstra
PA4264	**Unravelling survival and reactivation of pathogenic CD4 type-2 tissue-resident memory T cells in allergic asthma** Jannes Gavel (Zwijnaarde, Belgium), Kieran English, Manon Vanheerswynghels, Andrew Brown, Bart Lambrecht

Studio — Session 343 — 13:00 - 13:45

Patient-centred session: Global access to mental health support

Aims : to discuss patients' experiences of mental health at different stages of their lung health journey and how support for this can vary globally.

Chairs : Liz Steed (London, United Kingdom)

13:00	**Global access to mental health support: panel discussion** Merel Hennink (Groningen, Netherlands), Eleni Stamouli (Thessaloniki, Greece), Marieke Verkleij (Amsterdam, Netherlands), Anders Løkke (Vejle, Denmark), Liz Steed (London, United Kingdom), Pieter van Eck (Vlissingen, Netherlands)	**4281**

Auditorium — Session 344 — 13:45 - 15:15

State of the art session: Airway diseases

Biologics in airway diseases: bridging immunology and clinical breakthroughs

Aims : to discuss the evolving role of biologic therapies in the management of airway diseases; to provide insights into the mechanisms of biologics, their clinical applications and future directions for their use in the management of asthma, chronic obstructive pulmonary disease (COPD) and exacerbations of these diseases; to provide practical and theoretical knowledge that can be used to optimise patient care and make informed decisions regarding the use of biologics in airway disease management.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Patient, Scientist (basic, translational)

Chairs : Nicolas Roche (Paris, France), Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary)

13:45	**Airway disease immunology for clinicians in the biologics era** Lena Uller (Lund, Sweden)	**4282**
14:00	**Biologics in asthma: current insights and future directions** Guy Brusselle (Ghent, Belgium)	**4283**
14:15	**Biologics in COPD: targeting the right pathways for the right treatments** Gerard J. Criner (Philadelphia, United States)	**4284**

14:30	**Biologics in airway disease exacerbations: time to replace systemic corticosteroids** Mona Bafadhel (London, United Kingdom)	**4285**
14:45	**Discussion and Q&A** All speakers	**4286**

7A Session 345 13:45 - 15:15

Symposium: Innovations in pulmonary vascular imaging: from cutting-edge techniques to artificial intelligence-driven insights

Aims : to focus on the latest innovations in pulmonary vascular imaging, including computed tomography (CT) angiography, magnetic resonance imaging (MRI), point-of-care ultrasound, and the integration of artificial intelligence; to discuss the significant roles of single-photon emission computed tomography (SPECT)/ventilation-perfusion (VQ) and positron emission tomography (PET) imaging in evaluating pulmonary embolism and vascular inflammation given that a solid understanding of these imaging modalities is essential for respiratory physicians and allied professionals to enhance diagnostic accuracy, guide clinical management and improve patient outcomes in conditions like pulmonary embolism and pulmonary hypertension; to focus on the growing role of AI in the imaging modalities discussed.

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Imaging Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Marion Delcroix (Leuven, Belgium), Athénaïs Boucly (Paris, France)

13:45	**CT angiography unveiled: the gold standard for pulmonary vascular diagnosis** Parth Rali (Philadelphia, United States)	**4287**
14:00	**MRI in pulmonary hypertension: a non-invasive game-changer** David Kiely (Sheffield (South Yorkshire), United Kingdom)	**4288**
14:15	**Nuclear medicine in focus: the power of SPECT/VQ and PET imaging** Pierre-Yves Leroux (Brest, France)	**4289**
14:30	**Point-of-care ultrasound in pulmonary embolism: rapid diagnostics at your fingertips** Belinda Rivera-Lebron (Pittsburgh, United States)	**4290**
14:45	**Discussion and Q&A** All speakers	**4291**

Elicium 2 Session 346 13:45 - 15:15

Symposium: Respiratory health around the globe
Congress chairs' session

Aims : to raise awareness of morbidity and mortality due to respiratory diseases worldwide; to discuss the early-life determinants of respiratory health and potential preventive measures, with a focus on low-to-middle-income countries (LMICs); to discuss how to reduce mortality from pneumonia, which is the leading cause of death in children younger than 5 years; to provide insight into how the World Health Organization (WHO) works and how it aims to reduce the morbidity and mortality of respiratory diseases; to provide inspiration from a lawyer fighting climate change.

Disease(s) : Airway diseases Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Lieuwe D.J. Bos (Amsterdam, Netherlands), Refika Hamutcu Ersu (Ottawa, Canada)

13:45	**Drivers of respiratory health in LMICs: challenges and opportunities** Diane Gray (Cape Town, South Africa)	**4292**
14:00	**Pneumonia: a global problem from infancy to the elderly** Catia Cilloniz Campos (Barcelona, Spain)	**4293**

14:15	**Global strategies for improving respiratory health: how can the WHO make a difference in respiratory health?** JOSE LUIS CASTRO (Neuilly sur Seine, France)	**4294**
14:30	**Fighting climate change: what can healthcare providers learn from lawyers?** Maikel van Wissen (Amsterdam, Netherlands)	**4295**
14:45	**Discussion and Q&A** All speakers	**4296**

5A Session 347 13:45 - 15:15

Journal session: Highlights from JAMA

Bisoprolol for patients with chronic obstructive pulmonary disease, high-intensity versus low-intensity positive pressure ventilation for acute exacerbations of chronic obstructive pulmonary disease, high-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure, and video laryngoscopy versus direct laryngoscopy for endotracheal intubation in the operating room

Aims : to provide an update on the effect of bisoprolol on respiratory exacerbations in patients with chronic obstructive pulmonary disease (COPD) at high risk of exacerbations; to provide an update on the use of high-intensity versus low-intensity positive pressure ventilation for acute exacerbations of COPD; to provide an update on the use of high-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure.

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : Kristin Walter (Chicago, United States), João Carlos Winck (Vila Nova de Gaia, Portugal)

13:45	**Introduction** Kristin Walter (Chicago, United States)	**4297**
14:00	**Effect of bisoprolol on patients with COPD at high risk of exacerbations** Brian J. Lipworth (Dundee (Angus), United Kingdom)	**4298**
14:15	**High-intensity versus low-intensity positive pressure ventilation for acute exacerbations of COPD** Zujin Luo (Beijing, China)	**4299**
14:30	**High-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure** Israel Silva Maia (Florianópolis (SC), Brazil)	**4300**
14:45	**Discussion and Q&A** All speakers	**4301**

5B Session 348 13:45 - 15:15

Symposium: Lung cancer and severe respiratory comorbidities: navigating complex clinical challenges

Aims : to discuss the impact of common respiratory comorbidities (chronic obstructive pulmonary disease (COPD), emphysema and interstitial lung disease) on the management of thoracic malignancies; to explore multidisciplinary approaches for tailoring treatment plans based on the comorbidity burden; to discuss the challenges and strategies for lung cancer diagnosis in patients with severe respiratory comorbidities; to discuss the latest advances in treatment modalities, including immunotherapy, targeted therapy, chemotherapy, radiotherapy and surgery, and their implications in patients with comorbidities; to discuss supportive care strategies, including managing complications and improving patients' quality of life.

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Palliative care Pulmonary function testing Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Nurse, Physician in Pulmonary Training, Thoracic oncologist, Thoracic surgeon

Chairs : Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom)

13:45	**Diagnosing lung cancer in patients with severe respiratory comorbidities: who, when and why?** Georgia Hardavella (Athens, Greece)	**4302**

14:00	**COPD and lung cancer: navigating treatment challenges in the presence of obstructive lung disease** Joanna Chorostowska-Wynimko (Warsaw, Poland)	**4303**
14:15	**Interstitial lung disease and lung cancer: risks, complications and treatment strategies** Torsten Gerriet Blum (Berlin, Germany)	**4304**
14:30	**Impact of pulmonary hypertension on lung cancer management** Mona Lichtblau (Zürich, Switzerland)	**4305**
14:45	**Discussion and Q&A** All speakers	**4306**

5C Session 349 13:45 - 15:15

Symposium: AI on air: global insights into utilising real-world data/real-world evidence to deploy responsible artificial intelligence-enabled respiratory innovation

Aims : to explore global perspectives on utilising real-world data (RWD) and real-world evidence (RWE) to enhance responsible artificial intelligence (AI)-enabled respiratory innovation; to examine exemplary applications of RWD and RWE for respiratory conditions such as lung cancer, tuberculosis, chronic obstructive pulmonary disease and asthma, from diagnosis to self-management, in order to understand the similarities and differences of approaches in various regions, which will foster a collaborative environment that promotes ethical, effective and innovative solutions to improve respiratory health; to bring together experts from different regions to share their experiences, methodologies and outcomes in using RWD and RWE for AI-enabled respiratory innovation; to discuss opportunities and challenges in the collection, analysis and deployment of responsible and effective AI integration in different countries; to discuss the similarities and differences in how various regions approach the use of RWD and RWE, and how these differences impact the deployment of AI-enabled respiratory innovation.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : General respiratory patient care | Imaging | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

13:45	**Patient testimony** Andrea Jensen (, United States), Mahesh Lohar (, India), Vicki Maylan (Exeter, United Kingdom), Mascha van Oers (, Netherlands)	**6631**
13:55	**European Union prospective: AI-enabled RWD in supporting responsible regulatory decision-making and health technology assessment throughout the product lifecycle** Speaker to be confirmed	**4307**
14:10	**United Kingdom prospective: opportunities for leveraging real-world and synthetic data for respiratory research** Puja Myles (Nottingham (Nottinghamshire), United Kingdom)	**4308**
14:25	**AI-enabled software is helping low- and middle-income countries detect tuberculosis: successes and challenges in real world settings** Dennis Falzon (Genève, Switzerland)	**4309**
14:40	**East Asia realities: from data to dollars, the role of RWD and reimbursement in AI deployment** Speaker to be confirmed	**4310**
14:55	**Discussion and Q&A** All speakers	**4311**

5D Session 350 13:45 - 15:15

Mini symposium: The lung in a circular health perspective

Aims : to explain how the exposome approach has provided new perspectives on how the environmental factors, lifestyle habits and exposure to pathogens have a profound impact on respiratory health and how it can provide an integrated and holistic view of human-beings within the world we live in; to understand how the interaction between the environment and our airways can shape our health and immune defences and how to apply the concept of “One Health” in the context of respiratory health; to learn how dynamic host-pathogen interactions drive innate immune activation, especially in early life, which may reveal new strategies to deal with future viral pandemics.; to improve awareness of how to use this knowledge to develop new clinical practices and actions that may change the course of history and, by improving the health of our planet, can improve our respiratory health.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Pathologist, Patient, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Chiara Cipollina (Palermo (PA), Italy), Niki L. Reynaert (Maastricht, Netherlands)

13:45	**The circular health paradigm applied to the lung** Ilaria Capua (Rome, Italy)	**4312**
14:00	**Not just air pollution: the exposome approach reveals the complex interplay between the environment and our respiratory health** Sylvain Sebert (Oulu, Finland)	**4313**
14:15	**Viruses in the air: how host-virus interactions calibrate innate immunity in the airways** Ellen Foxman (New Haven, United States)	**4314**
14:30	**Discussion and Q&A** All speakers	**4315**

Elicium 1 Session 353 14:15 - 15:30

Oral presentation: Top scoring: bench to bedside in pulmonary fibrosis

Disease(s) : Interstitial lung diseases | Airway diseases

Method(s) : Cell and molecular biology | Pulmonary function testing

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece), David Smith (London, United Kingdom)

OA4320	**Late Breaking Abstract - Autoantibody reduction treatment for acute exacerbations of idiopathic pulmonary fibrosis.** Steven Duncan (Birmingham, United States), Daniel Dilling, Gerald Criner, Mary Beth Scholand, Ross Summer, Ivan Rosas, Teja Kulkarni, Daniel Kass
OA4322	**Integrated spatial and single-cell transcriptomics reveal PAK kinase as a therapeutic target in fibroblastic foci and dense fibrosis of IPF** Yuta Hirano (Tokyo, Japan), Naoaki Watanbe, Masahiro Yoshida, Shota Fujimoto, Sachi Matsubayashi, Takashi Ishiguro, Nobumasa Takahashi, Yoshihiko Shimizu, Noboru Takayanagi, Yoshinori Kawabata, Yutaro Mori, Koji Okamoto, Shunsuke Minagawa, Kazuyoshi Kuwano, Jun Araya, Yusuke Yamamoto, Yu Fujita
OA4323	**LSC - 2025 - Development of a High Content Screening platform for identifying personalized therapies agains t Idiopathic Pulmonary Fibrosis.** Carlos Benitez Buelga (Majadahonda, Spain), Carlos San José Pascual, Sara Gil, Nerea Matamala, Gema Gomez Mariano, Beatriz Martinez Delgado
OA4324	**The PPFE atlas reveals distinct profibrotic and elastotic mesenchymal cellular archetypes in pleuroparenchymal fibroelastosis** Jannik Ruwisch (Hannover, Germany), Aurélie Cazes, Lena M. Leiber, Raphael Borie, Leonhard Christian, Hervé Mal, Linus Langer, Vincent Thomas De Montpréville, Jan-Christopher Kamp, Mark Greer, Christoph Wrede, Jan Hegermann, Jens Gottlieb, Benjamin Seeliger, Jean Francois Bernaudin, Lars Knudsen, Pierre Mordant, Lavinia Neubert, Bruno Crestani, Antje Prasse, Naftali Kaminski, Aurelien Justet, Jonas C. Schupp
OA4325	**The transcriptome of CD14+CD163-HLA-DRlow monocytes predicts mortality in Idiopathic Pulmonary Fibrosis** Theodoros Karampitsakos (Tampa, United States), Minxue Jia, Bochra Tourki, Zainab Fatima, Bogdan Visinescu, Carole Y Perrot, Tamer Fadli, Amy Zhao, Avraham Unterman, Marc A Schneider, Debabrata Bandyopadhyay, Brenda M Juan-Guardela, Ioannis Vamvakaris, Antje Prasse, Imre Noth, Stephen Liggett, Michael Kreuter, Wonder Drake, Argyris Tzouvelekis, Joe G N Garcia, Naftali Kaminski, Panayiotis Benos, Jose D Herazo-Maya
OA4326	**The early-stage lung immune infiltrate in patients with Idiopathic Pulmonary Fibrosis differentiate stable and progressive disease** Tamara Cruz Santa Cruz (Barcelona, Spain), Fernanda Hernandez-Gonzalez, Dani Martinez, Sandra Casas-Recasens, Alvar Agusti, Jacobo Sellares, Rosa Faner
OA4327	**GM-CSF-engineered cell vaccine based on myofibroblast for the treatment of pulmonary fibrosis** Minyang Fu (Chengdu, China), Xiawei Wei, Yuhe Huang, Tianxia Lan, Haiying Que, Dandan Peng
OA4328	**Intranasal MAF peptide vaccine for idiopathic pulmonary fibrosis therapy** Jiayu Wang (Cheng Du, China), Xiawei Wei, Shaoxiong Huang, Qiaonan Hong, Yiming Wu, Haiying Que, Tianxia Lan, Weiqi Hong, Li Chen, Yanyan Liu

OA4329	**Vaccination targeting ephrin-B2 ameliorates established pulmonary fibrosis** Jian Liu (Chengdu, China), Furong Qing, Yingqiong Zhou, Danyi Ao, Binhan Wang, Weiqi Hong, Dandan Peng, Yuquan Wei, Xiawei Wei
OA4330	**Plasma proteomic analysis in patients with idiopathic pulmonary fibrosis (IPF) from a phase 2 trial of admilparant** Toby M Maher (Los Angeles, United States), Manuela Funke-Chambour, Fang Wang, Yanhua Hu, Supriya Sharma, Peter Schafer, Matthew Schaller, Gerald Horan
OA4321	**Discussion and Q&A**

Forum Session 354 14:15 - 15:30

Oral presentation: Community-acquired pneumonia: predicting outcomes and personalising treatment

Disease(s) : Respiratory critical care

Method(s) : General respiratory patient care Public health Cell and molecular biology Respiratory intensive care Pulmonary function testing

Chairs : Thomas Wilkinson (Southampton (Hampshire), United Kingdom), Markus Fally (Copenhagen, Denmark)

OA4331	**Late Breaking Abstract - Insights into Trimodulin's Protective Role in Severe Pneumonia: Evidence from Preclinical Models** Geraldine Nouailles (Berlin, Germany), Romina Bischoff, Kerstin Linke, Alexander Taylor, Birgitt Gutbier, Peter Pennitz, Cengiz Goekeri, Sandra Kunder, Anne Voss, Theresa Broemel, Olivia Kershaw, Miha Milek, Vadim Farztdinov, Michael Mülleder, Sabrina Weissmüller, Corina C Heinz, Mayken Visser, Fabian Bohlaender, Katharina Ahrens, Dieter Beule, Achim D Gruber, Martin König, Martin Witzenrath
OA4333	**The Long-term Pneumonia Mortality Index. An international multicentre derivation and validation study** Raúl Méndez (Valencia, Spain), Paula González-Jiménez, Ana Latorre, Mónica Piqueras, Noé Mengot, David Hervás, Daniel Knox, Jason Carr, Grit Barten-Neiner, Gernot Rohde, Mathias W. Pletz, Jan Rupp, Martin Witzenrath, Nathan C. Dean, Rosario Menéndez
OA4334	**Impact of antimicrobial stewardship on antibiotic prescribing for community acquired pneumonia in the immediate and long-term settings** Athiththa Satchithanandha (Sydney, Australia), Juliet Leicester, Victoria Kristensen, Clarence Ratnakumar, Richard W W Lee
OA4335	**Interferon status and interferon production activity in patients with prolonged community-acquired pneumonia (CAP)** Roman Razumnyi (Dnipro, Ukraine)
OA4336	**Predicting drug-resistant bacteria causing community-acquired pneumonia; is PES score reliable?** Jatu Aphridasari (Surakarta (Central Java), Indonesia), Linda Soebroto, Deti Kusumahayu
OA4337	**Activity of immunocompetent cells in patients with acute community-acquired pneumonia** Tamar Saralidze (Tbilisi, Georgia), Tamari Svanidze, Irma Mamatsashvili, Medea Jgarkava, Marina Noniashvili, Lika Mokhevishvili
OA4338	**Features of severe community-acquired pneumonia (CAP) in Ukraine against the backdrop of russian full-scale military aggression** Anna V Demchuk (Vinnytsia, Ukraine), Tetiana V Konstantynovych, Galina Y Gavrylyuk
OA4339	**Streptococcus pneumoniae capsule contributes to lymphocyte immune response failure in bacteremic community-acquired pneumonia.** Francisco Sanz Herrero (Quart de Poblet (Valencia), Spain), Luis Alberto Ruíz Iturriaga, Marta María García Clemente, Leyre Serrano Fernández, Ane Uranga Echeverría, Noelia Carrión Collado, Julia Herrero Huertas, Estrella Fernández Fabrellas
OA4340	**Evaluation of PSI, CURB-65, and CRB-65 as Prognostic Tools in Hospitalized Immunocompetent Patients with Pneumonia: Real-World Outcomes from Internal Medicine Wards** Alon Pomerantz (Ramat Gan, Israel), Adar Yaacov, Adam Goldman, Yonatan Moshkovits, Asaf Zlotnik, Ofir Deri, Liran Levy
OA4341	**Azithromycin vs. Doxycycline in Community-Acquired Pneumonia; An Analysis of Clinical Outcomes from the MIMIC IV Database** Wigdan Farah (Rochester, United States), Mohamad El Labban, Claudia Gyimah, Felix Wireko, Yewande Odeyemi
OA4332	**Discussion and Q&A**

3A Session 355 14:15 - 15:30

Oral presentation: Thoracic surgery: what's new?

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery Imaging Physiology Epidemiology Public health

Chairs : Giuseppe Cardillo (Roma (RM), Italy), Nuria M. Novoa (Majadahonda, Spain)

OA4343	**Clamping Trials Before Removal of a Chest Tube Connected to a Digital Drainage System: A Noninferiority Randomized Trial.** Wytze de Boer (Zwolle, Netherlands), Richard Hartman, Quinten Muller, Mireille Edens, Dirk Jan Slebos, Marieke Duiverman, Jos Stigt
OA4344	**Sex-specific thresholds are needed for peak oxygen uptake but not for ventilatory efficiency in risk stratification before lung cancer lobectomy** Kristofer Hedman (Linköping, Sweden), Johan Hylander, Miklos Boros, Éva Tamas, Gabriel Högström, Karolina Kristenson
OA4345	**Is the targeted lung health check (TLHC) cancer screening programme effective in influencing the extent of surgical segmental resection?** Ethan Alford (Southampton, United Kingdom), Shreyaa Ramadore, Edwin Woo, Bradley Yee, Aiman Alzetani
OA4346	**3D-printed lung model-based simulation for thoracic surgery: a stepwise approach to lobectomy** Giacomo Rabazzi (Borgo a Buggiano, Italy), Andrea Castaldi, Maria Giovanna Mastromarino, Vittorio Aprile, Stylianos Korasidis, Marcello Carlo Ambrogi, Marco Lucchi
OA4347	**The Effects of Corrective Surgery on Measures of Thoracic Deformity and Lung Function in Adolescent Idiopathic Scoliosis** Jeroen Renkens (Rotterdam, Netherlands), Punit Makani, Harm Tiddens, Max Reijman, Pierluigi Ciet, Tom Schlosser, Noor De Wijs, Pelle Vogel, Joost Rutges, Daan Caudri
OA4348	**Coronary calcium reporting in CT scans for lung cancer screening and its potential impact on prognosis** Roberto Chalela Rengifo (Barcelona, Spain), Maria Olivia Cabrera Godoy, Adriá Montcusi Armengol, Xavier Castells Oliveres, Josep Alfons Espinás Piñol, Albert Sanchez-Font, Ana Pardessus Otero, Miguel Cainzos, Silvia Romagosa, Mateo Iwanowski, Jose María Maiques Llacer
OA4349	**Patient selection and timing of surgery: a 5 year experience of lung volume reduction surgery multidisciplinary team meeting (MDT) at an East of England teaching hospital** Jin Lee (Norwich, United Kingdom), Madeline Charles-Rudwick, Paula Browne, Vasileios Kouritas, Sadiyah Hand
OA4350	**Impact of resection type on outcomes in N0 NSCLC with "pulmonary metastasis in a different ipsilateral lobe (PM-DIL)": Is lung preservation beneficial** Güntuğ Batıhan (Çanakkale, Turkey), Kenan Can Ceylan, Seyda Ors Kaya, Vasif Inan
OA4351	**Is frailty a good predictor of postoperative negative outcomes in lung cancer patients?** Radu-Alexandru Iacobescu (IASI, Romania), Tiberiu Lunguleac, Cristina Grigorescu, Sabina Antoniu
OA4342	**Discussion and Q&A**

3B Session 356 14:15 - 15:30

Oral presentation: Emerging insights in diagnosis and treatment of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology Public health General respiratory patient care Physiology

Chairs : Athanasia Pataka (Thessaloniki, Greece), Dimitrios Kantas (Perama-Ioannina, Greece)

OA4352	**Late Breaking Abstract - Effect of peak flow triggered adaptive servo-ventilation (ASVPF) on mortality in heart failure patients with prolonged Cheyne-Stokes respiratory cycle** Sayaki Ishiwata (Toronto, Canada), Clodagh M. Ryan, Christian M. Horvath, Alexander G. Logan, John S. Floras, T. Douglas Bradley
OA4354	**Projecting the future burden of OSA in EU5 countries accounting for body mass index** Elroy Boers (Calgary, Canada), Leanne Kaye, Atul Malhotra, Kimberly Sterling, Meredith Barrett, Adam Benjafield, Peter Cistulli, Jean Louis Pépin
OA4355	**Global burden of obstructive sleep apnea is projected to increase with rising temperatures** Bastien Lechat (Adelaide, Australia), Jack Manners, Lucía Pinilla, Amy Reynolds, Hannah Scott, Daniel Vena, Sebastien Bailly, Josh Fitton, Barbara Toson, Billingsley Kaambwa, Robert Adams, Jean-Louis Pepin, Pierre Escourrou, Peter Catcheside, Danny Eckert

OA4356	**Distinct physical activity phenotypes in obstructive sleep apnoea patients: a cohort study** Monique Mendelson (Grenoble, France), Sebastien Baillieul, Raphaël Louis, Kaiping Wang, Renaud Tamisier, Jean-Louis Pépin, Sebastien Bailly
OA4357	**Older and Novel Predictors of Improvements in Daytime Function Outcomes with CPAP Therapy** Wojciech Trzepizur (Angers, France), Margaux Blanchard, Nicole Meslier, Francois Goupil, Audrey Thomas, Frédéric Gagnadoux
OA4358	**Fixed vs. Auto-Adjusting CPAP in Hypertensive OSA: A Randomized Crossover Trial** Prakhar Agarwal (Bhopal, India), Kirti Kadian, Abhishek Goyal, Alkesh Kumar Khurana, Abhinav Choubey
OA4359	**Impact of opiates, sedatives and gabapentinoids on prognosis in obesity hypoventilation syndrome treated with home mechanical ventilation – the population-based DISCOVERY study** Jonas Einarsson (Lund, Sweden), Andreas Palm, Magnus Ekström
OA4360	**Acetazolamide plus Atomoxetine Changed Chemosensitivity in Obesity Hypoventilation Syndrome** Elisa Perger (Milano, Italy), Carolina Lombardi, Andrea Faini, Gianfranco Parati, Paola Faverio, Fabrizio Luppi, Simona Bertoli, Sergio Caravita, Claudia Baratto, Alberto Giannoni, Laura Gell, Luigi Taranto Montemurro
OA4361	**Ticagrelor and risk of sleep apnoea compared with P2Y12 receptor inhibitors: a population-based cohort study** Clément Jambon-Barbara (Grenoble, France), Sarah Margot Barras, Jean-Louis Pépin, Jean-Luc Cracowski, Marie Joyeux-Faure, Charles Khouri, Bruno Revol
OA4362	**Use of Sleep-Related Variables to Predict Time to Death in Patients with Heart Failure in the ADVENT-HF Trial** Shaghayegh Chavoshian (Toronto, Canada), Sayaki Ishiwata, Clodagh M. Ryan, Christian M. Horvath, Alexander G. Logan, John S. Floras, Douglas Bradley
OA4353	**Discussion and Q&A**

Amtrium — Session 357 — 14:15 - 15:30

Oral presentation: New insights in paediatric sleep and breathing

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology Cell and molecular biology

Chairs : Hui Leng Tan (London, United Kingdom), Kristien Vanhaverbeke (Opwijk, Belgium)

OA4365	**Early Diagnosis of Sleep Disorders: Polysomnographic Findings in Children Aged 0-24 Months** Seyda Karabulut (Istanbul, Turkey), Merve Selcuk Balcı, Neval Metin Cakar, Ceren Ayça Yıldız, Muge Merve Akkitap Yigit, Eda Esra Baysal, Fulya Ozdemircioglu, Busra Ozgunay, Emre Ugurlu, Gulzar Alısbeyli, Meltem Sabancı, Almala Pınar Ergenekon, Yasemin Gokdemir, Fazilet Karakoc, Bulent Karadag, Ela Erdem Eralp
OA4366	**Social and digital media exposure and its effects on sleep in children and adolescents: A novel questionnaire based study** Nikhil Rajvanshi (London, United Kingdom), Doreswamy Chandranaik, Prawin Kumar, Jagdish Prasad Goyal, Kuldeep Singh
OA4367	**The influence of obesity on the risk and severity of obstructive sleep apnea in referred prepubescent children** David Gomez-Pastrana Duran (Jerez de la Frontera (Cádiz), Spain), María Cruz Díaz, Carmen Aragón
OA4368	**Role of overnight oximetry in assessing the severity of obstructive sleep apnoea in children with Down syndrome** Hannah Vennard (Glasgow, United Kingdom), Anna Selby, Menaga Ananthamoorthy, Elise Buchan, Paul Burns, Thomas L Wilkinson, Rebecca Lennon, Neil Gibson, David Young, Martin Samuels, Hazel J Evans, Ross J Langely
OA4369	**Pulse transit time for detection of obstructive sleep apnoea in children** Michael Yanney (Southwell, United Kingdom), Albert Essiam, Nicola Rowbotham, Andrew Prayle
OA4370	**Sleep disordered breathing in patients with spinal muscular atrophy diagnosed by newborn screening** Helen Cranney (Dubai, United Arab Emirates), Vivek Mundada, Siddharth Arora, Omendra Narayan
OA4371	**Multicentre review of sleep-disordered breathing monitoring in Prader-Willi Syndrome patients on growth hormone therapy** Maryam Sahibqran (Glasgow, United Kingdom), Angela K Lucas-Herald, Rebecca Lennon, Elise Buchan, Paul Burns, Phil Davies, Ross Langley, M. Guftar Shaikh
OA4372	**Comparison of positive airway pressure device download data with and without oximetry to polysomnography.** Merve Selçuk Balcı (Istanbul, Turkey), Marielena Dibartolo, Julia Bokhaut, Sherri Katz, Vid Bijelic, Nick Barrowman, Lisa Spooner, Patricia Lopez Sala, Refika Ersu

OA4373	**CRC iDREAM - an ERS Clinical Research Collaboration: An International Survey on the Diagnosis and Management of Sleep-Disordered Breathing in Infants** Stijn Verhulst (Antwerpen, Belgium), An Boudewyns, Refika Ersu, Monique Slaats, Theodore Dassios, Athanasios Kaditis, Indra Narang, Jessica Taytard	
OA4363	**Late Breaking Abstract - Alveolar epithelial type 2 (AT2) cellular landscape in normal and aberrant lung development** Sara D'Agostino (Heidelberg, Germany), Ariani Rahadian, Verena Rickert-Zacharias, Rory E. Morty, Ivana Mižik	
OA4364	**Discussion and Q&A**	

Studio — Session 359 — 14:15 - 15:00

Congress theme session: A new era for bronchiectasis: 10 years of progress in global management

Aims : 1) To describe recently developments in our understanding of the epidemiology of bronchiectasis
2) To discuss the results of recent clinical trials in bronchiectasis which have led to a revolution in treatment with new disease specific therapies now about to be licensed and better evidence for drugs since as inhaled antibiotics
3) To discuss important developments in translational science in bronchiectasis leading to the development of new non-antibiotic treatments

Disease(s) : Airway diseases | Respiratory infections

Method(s) : Cell and molecular biology | Epidemiology | General respiratory patient care

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Paediatrician, Patient, Scientist (basic, translational), Respiratory therapist

Chairs : Eva Polverino (Barcelona, Spain), Stefano Aliberti (Milano (MI), Italy)

14:15	**Increasing our understanding of bronchiectasis: the global impact of EMBARC 10 years on** Michal Shteinberg (Haifa, Israel)	**4375**
14:30	**Improving global treatment of bronchiectasis: what progress has been made and what is still to do?** Raja Dhar (Kolkata (West Bengal), India)	**4376**
14:45	**Panel discussion** Merete Bridget Long (Dundee, United Kingdom), Speaker to be confirmed	**4377**

G104/105 — Session 360 — 14:30 - 16:50

Skills workshop: SW10 SW10 - Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion

Additional registration is required for this session.

Aims : This skills workshop will help attendees gain the technical expertise needed to perform spirometry, whole body plethysmography and diffusion test according to both best practice and the latest recommendations that are supported by experts in the field; to understand the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and diffusion capacity of the lungs; and to learn about the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

14:30	**Performing Spirometry** Lindsay Zurba (Durban, South Africa)	**4378**
14:30	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Vicky Moore (Coventry, United Kingdom)	**4379**
14:30	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Kevin De Soomer (Edegem, Belgium)	**4380**
14:30	**Reporting and interpretation of case studies** Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom)	**4381**

G106/107 — Session 361 — 14:30 - 16:50

Skills workshop: SW12 SW12: Practical pulmonary hypertension

Additional registration is required for this session.

Aims : to develop a practical approach for investigating and diagnosing pulmonary hypertension; to develop a systematic approach for interpreting radiological investigations; to discuss the four main echo views and important features of pulmonary hypertension on echocardiography, including hands-on experience with pulmonary hypertension patients and healthy volunteers; to discuss the pathological changes associated with different forms of pulmonary hypertension and how these translate into clinical phenotypes; to discuss right heart catheterisation and how to incorporate clinical, radiological and haemodynamic features in order to make the correct diagnosis.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Esther Nossent (Amsterdam, Netherlands)

14:30	**Radiological assessment of pulmonary hypertension** Andy Swift (Sheffield (South Yorkshire), United Kingdom)	**4382**
14:30	**Pathological assessment of pulmonary hypertension** Teodora Radonic (Amsterdam, Netherlands)	**4383**
14:30	**Echocardiography in pulmonary hypertension** Athanasios Charalampopoulos (London, United Kingdom)	**4384**
14:30	**Clinical assessment of pulmonary hypertension** Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)	**4385**

ELF stand World village — Session 362 — 15:00 - 16:00

Patient: Networking meeting for patient organisations and healthcare professionals

Aims : Come and network with patient organisations and patient advocates from across Europe. This is an informal session to learn more about patient organisations across Europe and beyond, network with professionals and learn more about the European Lung Foundation's activities.

	Networking meeting for patient organisations and healthcare professionals All speakers	**4386**

Auditorium — Session 364 — 15:30 - 17:00

Clinical cases: Lungs on fire: Airway diseases?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Airway diseases

Tag(s) : Clinical

Chairs : Nicolas Roche (Paris, France), Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary)

Discussants : Arzu Yorgancıoğlu (İzmir, Turkey), Omar S. Usmani (London, United Kingdom)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: J.J. James (Singapore)** Arzu Yorgancıoğlu (İzmir, Turkey)	**4388**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: K. Jeyabalan (Malaysia)** Omar S. Usmani (London, United Kingdom)	**4389**
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: A. Casartelli (Italy)** Arzu Yorgancıoğlu (İzmir, Turkey)	**4390**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: A. Ilyas (United Kingdom)** Omar S. Usmani (London, United Kingdom)	**4391**

7A — Session 365 — 15:30 - 17:00

Symposium: A global perspective on pulmonary hypertension

Aims : to explain the heterogeneous landscape of pulmonary hypertension across the globe; to describe the diverse epidemiology of pulmonary hypertension and the diagnostic and therapeutic challenges in different settings; to identify how global challenges such as social inequality and climate change affect patients with pulmonary hypertension; to compare the opportunities and limitations of conducting research with pulmonary hypertension patients in countries with different income levels.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | Imaging | Transplantation

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Marion Delcroix (Leuven, Belgium), Athénaïs Boucly (Paris, France)

15:30	**The global epidemiology of pulmonary hypertension** Sandeep Sahay (Houston, United States)	**4392**
15:45	**Patient testimony** Nina Kobler (Menges, Slovenia)	**4393**
15:50	**Diagnosis and treatment of pulmonary hypertension in low-, middle- and high-income countries** Snehal Kulkarni (Mumbai, India)	**4394**
16:05	**How do social inequality, environmental pollution and climate change affect patients with pulmonary hypertension?** Lucilla Piccari (Barcelona, Spain)	**4395**
16:20	**Interventional trials and observational studies of pulmonary hypertension across the world** Jason Weatherald (Edmonton, Canada)	**4396**
16:35	**Discussion and Q&A** All speakers	**4397**

Elicium 2 — Session 366 — 15:30 - 17:00

Year in review: Paediatric

Aims : to provide an update on four topics in paediatric respiratory medicine, namely, impact of disease-modifying therapies on respiratory outcomes in children with neuromuscular disorders, mycoplasma infections in children, asthma remission in childhood and use of artificial intelligence in paediatric pulmonology practice; to highlight the most recent and significant publications and developments related to these topics.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | Imaging | Physiology

Tag(s) : Clinical

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Radiologist, Respiratory therapist, Journalist

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Refika Hamutcu Ersu (Ottawa, Canada)

15:30	**Impact of disease-modifying therapies on respiratory outcomes in children with neuromuscular disorders** Reshma Amin (Toronto (ON), Canada)	**4398**
15:45	**Mycoplasma pneumoniae: the new pandemic: epidemiological considerations and treatment approaches** Patrick M. Meyer Sauteur (Zurich, Switzerland)	**4399**
16:00	**Asthma remission in children: is it achievable?** Refiloe Masekela (Durban, South Africa)	**4400**
16:15	**How can we use artificial intelligence in clinical practice of paediatric pulmonologists?** Gustavo Nino (Washington, United States)	**4401**
16:30	**Discussion and Q&A** All speakers	**4402**

5A — Session 367 — 15:30 - 17:00

Hot topics: Precision medicine in acute respiratory failure: a global challenge

Aims : to discuss the global burden of acute respiratory failure, current diagnostics, current supportive measures and the absence of targeted treatment options; to explain the latest translational insights into the pathophysiology of acute respiratory distress syndrome (ARDS); to differentiate the most promising immunomodulators and describe their potential in the context of a precision-medicine approach; to discuss the global perspective of caregivers and patients on participation in precision medicine adaptive platform trials and the long-term consequences of acute respiratory failure; to present some results of the clinical research collaboration Panther.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : Cell and molecular biology General respiratory patient care Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physiologist, Scientist (basic, translational)

Chairs : Kristin Walter (Chicago, United States), João Carlos Winck (Vila Nova de Gaia, Portugal)

15:30	**Acute respiratory failure: global burden, diagnosis and treatment**	**4403**
15:45	**Latest insights into ARDS pathophysiology** Lorraine Ware (Nashville, United States)	**4404**
16:00	**Precision medicine immunomodulation in acute respiratory failure** Lieuwe D.J. Bos (Amsterdam, Netherlands)	**4405**
16:15	**Patient and caregivers: long-term consequences of acute respiratory failure and perspective on clinical trials** Leanne Hays (Dublin, Ireland)	**4406**
16:30	**Discussion and Q&A** All speakers	**4407**

5B Session 368 15:30 - 17:00

Symposium: Pleural disease: the global view

Aims : to explain the global heterogeneity in diagnosis, treatment and management of pleural disease, and the gap between current guidelines and what can be provided in low-to-middle-income countries.

Disease(s) : Respiratory infections Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Palliative care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom)

15:30	**A worldwide perspective of pleural infection: implications for management** Maged Hassan (Alexandria, Egypt)	**4408**
15:45	**Secondary spontaneous pneumothorax and air-leak: global lessons** Steven Walker (Bristol (Avon), United Kingdom)	**4409**
16:00	**Diagnosis and management of malignant pleural effusions in resource-constrained settings** Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)	**4410**
16:15	**Cost-effective imaging in pleural disease: the real-world application of pleural ultrasound in low-to-middle-income countries** Radhika Banka (Mumbai (Maharashtra), India)	**4411**
16:30	**Discussion and Q&A** All speakers	**4412**

5C Session 369 15:30 - 17:00

Mini symposium: Lung sounds unplugged: a global perspective

Global challenges in respiratory sound analysis from early respiratory disease detection to exacerbation management

Aims : to provide an updated operational classification of lung (and other respiratory) sounds across several physio(patho)logical respiratory conditions; to describe technical aspects and applications of lung sound analysis in clinical practice, including early diagnosis (especially of interstitial lung diseases) and early detection of disease exacerbations/progression; to introduce telemedicine applications of respiratory sound analysis in the clinical management of adult and paediatric pulmonology in low-resource settings

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

15:30	**Automated detection of respiratory diseases from lung and respiratory sounds** Jonathan Dönz (Lausanne, Switzerland)	**4413**
15:45	**Remote monitoring applications of cough and respiratory sound analysis** Jacky Smith (Manchester (Greater Manchester), United Kingdom)	**4414**
16:00	**Acceptability of digital stethoscope technology in a low-resource setting** Salahuddin Ahmed (Dhaka, Bangladesh)	**4415**
16:15	**Discussion and Q&A** All speakers	**4416**

5D Session 370 15:30 - 17:00

Hot topics: Big changes on a small scale: microbiome-targeted therapies for prevention and treatment of respiratory diseases

Aims : to describe the most recent findings related to microbiome-targeted therapies for respiratory diseases; to discuss the most promising avenues that have been explored in both clinical and preclinical studies; to provide an interdisciplinary perspective, taking into account clinical respiratory medicine, basic and translational respiratory science, fundamental microbiology and ecology, and computational biology to provide an integrated overview of the complex interactions involved in microbiome-targeted therapy development.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Journalist

Chairs : Chiara Cipollina (Palermo (PA), Italy), Niki L. Reynaert (Maastricht, Netherlands)

15:30	**Phage therapy for resistant bacterial infections in patients with chronic lung diseases** Speaker to be confirmed	**4417**
15:45	**Harnessing microbial metabolites to prevent early-life development of allergic disease** Olaf Perdijk (Utrecht, Netherlands)	**4418**
16:00	**Bacterial communities to combat airway inflammation** Aurélie Crabbé (Ghent, Belgium)	**4419**
16:15	**Environmental interference to fight respiratory fungal infections: a proof-of-concept** Niki Ubags (Epalinges, Switzerland)	**4420**
16:30	**Discussion and Q&A** All speakers	**4421**

Elicium 1 Session 373 15:45 - 17:00

Symposium: Early-career member session

Aims : to bring together respiratory professionals at early stages of their careers to discuss key aspects for career development in respiratory medicine.

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Thomas Gille (Bobigny, France), Dorina Esendagli (Ankara, Turkey)

15:45	**Mina Gaga Lecture** Niki Ubags (Epalinges, Switzerland)	**4429**
16:00	**Advocacy: when change is essential** Speaker to be confirmed	**4430**
16:15	**Why do women make fewer medical errors than men?** Franziska Trudzinski (Heidelberg, Germany)	**4431**
16:30	**Get involved with the European Respiratory Society to boost your career!** Sara Cuevas Ocaña (Cambridge, United Kingdom)	**4432**
16:45	**Discussion and Q&A** All speakers	**4433**

Forum — Session 374 — 15:45 - 17:00

Oral presentation: Clinical biomarkers in COPD

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Physiology Cell and molecular biology Pulmonary function testing Epidemiology

Chairs : Alice Turner (Birmingham, United Kingdom), Anders Lindén (Stockholm, Sweden)

OA4434	**Late Breaking Abstract - Regional-based HRCT assessments of emphysema and gas trapping on FEV1/FVC ratio in Japanese COPD and ACO** Paul Jones (London, United Kingdom), Osamu Hataji, Hiroyuki Nakamura, Yoshihiro Mori, Masaharu Shinkai, Naoki Miyao, Mikio Toyoshima, Nobuyuki Hizawa, Koichi Fukunaga, Hisatoshi Sugiura, Hirokazu Kikuchi, Masaki Komatsubara, Kenichi Hashimoto, Sarah Lee, Laura Bell, Yasutaka Nakano
OA4436	**“Alpha1-antitrypsin M-like variants: the importance to detect the Mwhitstable intronic mutation”** giorgio lorini (Pavia, Italy), Stefania Ottaviani, Ilaria Giana, Giulia Accordino, Mariachiara Crescenzi, Alice Maria Balderacchi, Sara Magni, Martina Defelici, Martina Zappa, Dina Visca, Antonio Spanevello, Angelo Guido Corsico, Davide Piloni, Ilaria Ferrarotti
OA4437	**Relationship between mucus plugs and peripheral obstruction and response to bronchodilators in COPD.** Joscha Godts (Ixelles, Belgium), Alain Michils, Alain Van Muylem, Maxime Hackx, Silvia Pérez-Bogerd
OA4438	**The effect of tiotropium/olodaterol on lung, right ventricular function and serum troponin I levels in patients with moderate chronic obstructive pulmonary disease** Ieva Dimiene (Kaunas, Lithuania), Airidas Rimkunas, Inesa Jermalaviciene, Paulius Simkus, Skaidrius Miliauskas
OA4439	**Self-sampling of throat swabs at home for respiratory tract microbiome analysis** Adrian Endres (Frankfurt am Main, Germany), Lauren Reinders, Lauren Remijas, Martine Bos, Philip Stegmaier, Paul Savelkoul, Frits Franssen, Dries Budding, Alexander Seeger, Gernot Rohde, Carla Bellinghausen
OA4440	**Mucus plugging is associated with systemic inflammation in COPD** Abdulrahman Almuhanna (kuwait city, Kuwait), Federico Baraldi, Aaron Braddy-Green, Mairi Macleod, Samuel Bartlett-Pestel, Jordina Mah, Ralph Lopez, Hassan Shabakhti, Apolline Marion, Eric Hoffman, James Allinson, Jadwiga Wedzicha, Lydia Finney
OA4441	**Albuminuria and disease outcome measures in patients with COPD** Marwa Moaaz (Alexandria, Egypt), Sahar Mourad, Ayman Baess, Rania Sweed
OA4442	**A new biomarker to predict prognosis and mortality in severe exacerbations of chronic obstructive pulmonary disease (COPD): red cell index** Hande Celik (Ankara, Turkey), Elif Babaoglu, Deniz Koksal, Osman Dag, Sevinc Sarinc
OA4443	**Comparison of serum amyloid A (SAA) and TGF beta 1 levels as predictors of COPD exacerbation in stable patients** Daria Koval (Dnipro, Ukraine), Alina Babets
OA4444	**Unraveling severe COPD exacerbations: Treatment barriers and unaddressed comorbidities** Sigrid Brisson Nielsen (København Ø, Denmark), Nicole Mistarz, Therese Laperre, Celeste Porsbjerg, Asger Sverrild
OA4435	**Discussion and Q&A**

3A — Session 375 — 15:45 - 17:00

Oral presentation: Respiratory health, comorbidities and mortality

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Physiology

Chairs : Andre F.S. Amaral (London, United Kingdom), Chair to be confirmed

OA4445	**Late Breaking Abstract - Alpha-1 antitrypsin deficiency associated with increased risk of venous thromboembolism: a nationwide cohort study in Denmark** Sine Voss Winther (Værløse, Denmark), Eskild Morten Landt, Børge Grønne Nordestgaard, Morten Dahl
OA4447	**Total lung capacity and cardiometabolic disease in the clinical setting** Ben Knox-Brown (Moulton, United Kingdom), Karl Sylvester, Andre Amaral
OA4448	**Association of triglyceride-glucose index and lung function impairment: data from the LEAD Study** Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Charmaine J. M. Lim, Tobias Mraz, Alina Ofenheimer, Amiria Dal Grande, Sylvia Hartl, Robab Breyer-Kohansal, Marie-Kathrin Breyer
OA4449	**Isolated small airways obstruction and incident cardiovascular disease in the UK Biobank** Sam Bartlett-Pestell (London, United Kingdom), Valentina Quintero Santofimio, James Potts, Elaine Fuertes, James P Allinson, Jadwiga A Wedzicha, Andre F S Amaral
OA4450	**Cardiovascular disease and mortality in COPD – real-world data from the PRAXIS study** Josefin Sundh (Örebro, Sweden), Scott Montgomery, Mikael Hasselgren, Maaike Giezeman, Gabriella Eliason, Mikael Karlsson, Hanna Sandelowsky, Anna Nager, Marta Kisiel, Karin Lisspers, Björn Ställberg, Christer Janson
OA4451	**Association of the non-high-density lipoprotein cholesterol to high-density lipoprotein cholesterol ratio (NHHR) with COPD incidence and all-cause mortality: A population-based study based on NHANES 2007-2016** Yu Liu (shanghai, China), Zheng Fan, Hongmei Ren, Cuixia Zheng
OA4452	**Socioeconomic inequality in mortality among individuals with COPD and those with normal lung function but respiratory symptoms.** Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Laxmi Bhatta, Helena Backman, Arnulf Langhammer
OA4453	**FEV1 and FEV1/VC trajectories based on annual spirometry measurements in relation to mortality in adults with airway obstruction** Helena Backman (Lulea, Sweden), Anders Lundquist, Linnea Hedman, Caroline Stridsman, Eva Rönmark, Anne Lindberg
OA4454	**COPD and RA: Mortality risks and opportunity for intervention** Olivia Murrin (Exeter, United Kingdom), Jane Masoli, João Delgado
OA4455	**Troponin levels in COPD without cardiovascular influence: SCAPIS findings** Jonas Eriksson Ström (Umeå, Sweden), Ida Pesonen, Per Liv, Anders Andersson, Magnus Ekström, Jonas Holm, Christer Janson, Ulf Nilsson, Josefin Sundh, Magnus Sköld, Anders Blomberg
OA4446	**Discussion and Q&A**

3B Session 376 15:45 - 17:00

Oral presentation: Clinical and translational advances in ultra-rare lung diseases

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging General respiratory patient care

Chairs : Nishant Gupta (Cincinnati, United States), Marissa O'Callaghan (County Cork, Ireland)

OA4456	**Late Breaking Abstract - ELEVATE IPF phase 2b open-label extension demonstrates durable efficacy of deupirfenidone** ARGYRIS TZOUVELEKIS (Patras, Greece), Mark J. Hamblin, Won Il Choi, Amy Hajari Case, Ioannis P. Tomos, Jessica E. Shore, Miguel A. Bergna, David Golod, Eric Elenko, Yanqiong Zhang, Camilla S. Graham, Jin Woo Song, Tejaswini Kulkarni, Toby M. Maher
OA4458	**When to test for Birt-Hogg-Dubé Syndrome? UK national data** Froher Yasin (Cambridge, United Kingdom), Robert Legg, Cosima Meret Schmid, Simon Holden, Stefan Marciniak
OA4459	**Genetic Predictors of Pneumothorax in Birt-Hogg-Dubé Syndrome** Marie Moldt Holmager (, Denmark), Katrine Isabella Ørbek, Marianne Præstegaard, Lilian Bomme Ousager, Elisabeth Bendstrup, Jesper Rømhild Davidsen
OA4460	**Blood cytokines and chemokines in adult pulmonary langerhans cell histiocytosis and their association with FEV1 evolution** Amira Benattia (Paris (Île-de-France), France), Raphaël Porcher, Stéphane Terry, Muriel Andrieu, Gwenaël Lorillon, Abdellatif Tazi

OA4461	**Implications of iron metabolism dysregulation for diagnosis and treatment of pulmonary lymphangioleiomyomatosis** Min Xie (Wuhan, China), Wenxue Bai, Kaiyan Li, Ying Zhou, Bin Xue
OA4462	**Differentiating diffuse cystic lung disease from emphysema using machine learning techniques** Donal O'Malley (Westport, Ireland), Ryan Donnelly, Katie Noonan, David J. Murphy, Brian Gaffney, Brian Sheehy, Niall Mcveigh, Nicholas Mccarthy, Alessandro N. Franciosi, Ali Ataya, Nishant Gupta, Francis X. Mccormack, Francesco Bonella, Michael P. Keane, Raphael Borie, David A. Lynch, Emmet E. Mcgrath, Kathleen M. Curran, Cormac Mccarthy
OA4463	**Fully automatic quantification of pulmonary fat attenuation volume by CT: an exploratory pilot study in non-malignant chronic lung diseases.** Francesco Bonella (Essen, Germany), Luca Salhöfer, Mathias Holtkamp, Lale Umutlu, Judith Kohnke, Jannis Strauss, Nikolas Beck, Marko Frings, Sebastian Zensen, Rene Hosch, Giulia Baldini, Christian Taube, Dirk Westholter, Felix Nensa, Marcel Opitz, Johannes Haubold
OA4464	**Pulmonary Fibrosis in Pulmonary Alveolar Proteinosis (PAP): A Multi-centre Computed Tomography (CT) Analysis** Niamh Boyle (Celbridge, Ireland), James P.C Ryan, Marissa O'Callaghan, Ali Ataya, Raphael Borie, Francesco Bonella, Elinor Lee, Tisha Wang, Michael P. Keane, David J. Murphy, Cormac Mc Carthy
OA4465	**Advanced Strategies for Detecting Acid Sphingomyelinase Deficiency Type B with Attenuated Phenotypes** Thomas VILLENEUVE (Toulouse, France), Thibaut Jamme, Robin Schowb, Thierry Levade, Prevot Grégoire
OA4466	**Genetic and clinical characteristics of familial pulmonary fibrosis patients and relatives** Nathalie Veyt (Dendermonde, Belgium), Tinne Goos, Marie Vermant, Tine Follet, Stefan Gogaert, Evelien Van Hoof, Karen Rosier, Anniek Corveleyn, Laurens De Sadeleer, Bart Vanaudenaerde, Isabelle Cleynen, Sascha Vermeer, Wim Wuyts
OA4457	**Discussion and Q&A**

Amtrium — Session 377 — 15:45 - 17:00

Oral presentation: Cystic fibrosis research: changing the landscape

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing Pulmonary rehabilitation Imaging

Chairs : Andrea Gramegna (Milano (MI), Italy), Pilar Azevedo Cardim (Lisboa, Portugal)

OA4468	**Multi-Modal Mapping of Immune Dysregulation Across the Spectrum of CFTR Dysfunction** Leander Jonckheere (Gent, Belgium), Cedric Bosteels, Iris Janssens, Sebastian Riemann, Lieve Vande Sande, Tania Maes, Yannick Vande Weygaerde, Stephanie Van Biervliet, Filomeen Haerynck, Robin Browaeys, Niels Vandamme, Bart N. Lambrecht, Simon J. Tavernier, Eva Van Braeckel
OA4469	**The role of airway inflammation and proteomic changes in cystic fibrosis-related diabetes** Stefanie Diemer (Lund, Sweden), Sounak Chowdhury, Lotta Happonen, Lisa I. Påhlman
OA4470	**Unraveling the role of proteases produced by cystic fibrosis isolates of Pseudomonas aeruginosa in dampening inflammation in an organotypic 3-D lung epithelial cell model** Merel Wauters (Ghent, Belgium), Sara Van Den Bossche, Lucia Grassi, Mariana Fernandes Gonçalves, Leander Meuris, Delphi Van Haver, Sara Dufour, Simon Devos, Francis Impens, Xavier Saelens, Aurélie Crabbé
OA4471	**Charcot-Leyden crystals and their constituent protein galectin-10 as a biomarker for allergic bronchopulmonary aspergillosis** Iris Janssens (Ghent, Belgium), Leander Jonckheere, Helena Aegerter, Tania Maes, Siele Ceuppens, Hans Ulrichts, Marlies De Coninck, Yannick Vande Weygaerde, Heidi Schaballie, Bart N. Lambrecht, Eva Van Braeckel
OA4472	**Single-Nuclei RNA Sequencing reveals nasal epithelial changes in CF patients treated with ELE/TEZ/IVA** Sylvie Leroy (Nice, France), Yvon Mbouamboua, Margot Delin, Marie Couralet, Pascal Barbry, Laure Emmanuelle Zaragosi
OA4473	**Exercise performance in pwCF: a new functional indicator of cardiometabolic and muscular health in the era of highly effective CFTR modulators.** Gianmarco Putti (Assago, Italy), Alessandra Mariani, Mariangela Retucci, Martina Santambrogio, Simone Gambazza, Maria Chiara Russo, Marco Vicenzi, Valeria Daccò, Andrea Gramegna, Francesco Blasi
OA4467	**Discussion and Q&A**

PS-1 Session 392 08:00 - 09:30

Poster session: When the heart meets the lungs: cardiovascular impacts of pulmonary and post-COVID conditions

Disease(s) : Thoracic oncology | Pulmonary vascular diseases | Airway diseases | Interstitial lung diseases

Method(s) : Epidemiology | General respiratory patient care | Imaging | Surgery | Public health | Pulmonary function testing | Endoscopy and interventional pulmonology | Pulmonary rehabilitation

Chairs : Nicolaus Schwerk (Hannover, Germany), Chair to be confirmed

PA4528	**Factors associated with poor in-hospital evolution of hemoptysis** Emna Ben Jemia (tunis, Tunisia), Tasnim Djebali, Hend Ouertani, Ameni Naaroura, Jihen Ben Amar, Haifa Zaibi, Yosr Ben Attig
PA4529	**Embolisation or Surgery for Anomalous Systemic Arterial Supply to the Lung Basal Segment: Two Case Studies** Hidenori Takahashi (Tokyo, Japan), Shinichiro Ota, Yugo Satake, Hiroki Nagamatsu, Ryutaro Hirose, Mio Toyama-Kousaka, Miwa Morikawa, Yuta Tajiri, Yasunari Kanno, Masaharu Shinkai
PA4530	**Characterization of the Intermediate-Risk Population in Patients with Pulmonary Arterial Hypertension Group I: CAPRI Registry in a Latin American country** Rafael Conde-Camacho (Bogotá, Colombia), Mauricio Orozco-Levi, Alejandro Londoño, Ricardo Gómez-Palau, Eduardo Tuta-Quintero, K Díaz, A Naranjo, Juliana De Luque, S Goldfeder, Luis Fernando Giraldo-Cadavid, M.C. Guerrero
PA4531	**Clinical Features of Primary Pulmonary Artery Sarcoma: A Pooled Analysis from a Decade of Data (2014–2023)** Fumihiro Kashizaki (Yokohama, Japan), Hao Chen, Nanami Tsuchiya, Shohei Watanabe, Shiori Shonai, Ryusuke Orii, Reeko Osada, Mai Kaneko, Akitomo Kikuchi, Yui Kojima, Kentaro Yumoto, Naoki Hashiyama, Hiroyuki Osawa, Harumi Koizumi, Makoto Mo, Kenichi Takahashi, Takeshi Kaneko
PA4532	**Mapping Right Ventricular Adaptation in Pulmonary Arterial Hypertension: Insights from a Six-Phenotype Model** Rafael Conde-Camacho (Bogotá, Colombia), Adrian Lescano, Jorge Caneva, Paula Kaplan, Guillermo Giacomi, Maria Soledad Tescione, Luis Lema, Daniel Bustos, Juan Fernando Carvajal, Cristian Edgardo Bortta, Manuel Rodriguez, Eduardo Perna, Alejandro Londoño, Ricardo Goméz, Eduardo Tuta-Quintero
PA4533	**Investigating micro-aggregates as a cause for breathlessness in Long COVID.** Neda Akhtar Hasan (Abingdon, United Kingdom), Kher Lik Ng, Fraser Macrae, Robert Ariens, Roger Thompson, Fergus Gleeson, Susie Shapiro, Emily Fraser
PA4534	**What Drives High D-Dimer Levels After COVID-19?** Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Karyna Rybalka, Mariia Krykhtina
PA4535	**Coagulation Impairment and Post-COVID-19 Dyspnea: Is There a Connection?** Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Yuliia Huba, Olena Myronenko
PA4536	**COPD as a risk factor for Low-Extremity Artery Disease** Daniela Buklioska Ilievska (Skopje, North Macedonia), Jordan Minov
PA4537	**Cardioselective beta-blockers in chronic obstructive pulmonary disease and heart failure with reduced ejection fraction: a systematic review and meta-analysis** Anuj Barot (Ahmedabad, India), Sanskruti Shah, Ghanshyam Borisagar
PA4538	**Identification of COPD patients at risk for atrial fibrillation by ECG and its impact on adverse clinical outcomes – a subgroup analysis of the COSYCONET cohort** Sebastian Fähndrich (Freiburg, Germany), Martin Eichenlaub, Björn C. Frye, Heiko Lehrmann, Frank Biertz, Amir S. Jadidi, Klaus Kaier, Thomas Melzer, Peter Alter, Henrik Watz, Benjamin Waschki, Barbara C. Weckler, Franziska C. Trudzinski, Julia D. Michels-Zetsche, Frederik Trinkmann, Felix J. F. Herth, Hans-Ulrich Kauczor, Kathrin Kahnert, Rudolf A. Jörres, Robert Bals, Dirk Westermann, Thomas Arentz, Claus F. Vogelmeier, Daiana Stolz
PA4539	**Endoscopic lung volume reduction with valves improves exercise capacity by enhancing cardiovascular adaptability in patients with a baseline 6MWT <140m** Jacopo Saccomanno (Berlin, Germany), Lara Kilic, Thomas Sgarbossa, Eva Pappe, Martin Witzenrath, Ralf-Harto Hübner
PA4540	**Missing Group in Classification of Pulmonary Thromboembolism Severity and the Risk of Early Death: Real-life Experience** Tugce Karamustafalioglu (Mersin, Turkey), Sibel Nayci, Yuksel Balci, Eylem Sercan Ozgur
PA4541	**A case report of eosinophilic pleural effusion from heart failure in hypereosinophilia.** Lian Kiat Lim (Singapore, Singapore), Neelan Surendraraj, Hussain Shah, Nicholas Ubhi, Patrick Kerr, David Watchorn

PA4542	**Differences in cognitive functioning between patients with chronic cardiopulmonary disease** Claudia Gabriela Cortés San Agustín (Ciudad de México, Mexico), Viridiana Peláez Hernández, Montserrat Martínez Pérez, Arlen Daniela Pérez García, Mayra Gisselle Ruíz Perial, Vanessa Michelle Dávalos Torres, Karel Nataly Suárez Tovar, Arturo Orea Tejeda
PA4543	**Oral corticosteroid and risk for major adverse cardiovascular events in outpatients with chronic obstructive pulmonary disease, a Danish registry-based cohort study.** Pradeesh Sivapalan (Gentofte, Denmark), Gertrud Baunsgaard-Pedersen, Barbara Bonnesen, Josefin Eklöf, Jens-Ulrik Stæhr Jensen
PA4544	**Real-world occurrence of cardiopulmonary events among patients with COPD: the ABACOS-OUTCOMES Study (US)** Nicolas Roche (Paris, France), Joseph Tkacz, Kathleen Wilson, William Johnson, Josefin Sundh, Fernando Martinez, Hungta Chen, Della Varghese, Stephanie Dods, Hana Mullerova, Hayley D Germack, David Berg, Christopher Hui, Michael Pollack
PA4545	**Sudden death secondary to respiratory etiologies: a series of over 170 cases** Zied Chaari (Sfax, Tunisia), Jaweher Kammoun, Zouhir Hammami
PA4546	**Identifying High-Risk Patients for Endothelial Dysfunction After COVID-19** Nataliia Habshydze (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Yuliia Huba, Larysa Botvinikova
PA4547	**Impact of COPD and dynapenia on the prognosis of Right Heart Failure** Andrea Bárcenas Montiel (Mexico, Mexico), Laura Patricia Arcos Pacheco, Rocío Sánchez Santillan, Arturo Orea Tejeda, Dulce González Islas, Danna Paola Jiménez Cruz, Ana Gabriela Meléndez Galeana, María José Hernández Hernández, Carlos Patricio Chávez Guzmán, Luis Aldo Delgado Pérez, Magaly Arroyo Aguirre, Ariana Hernández Méndez, Nadia Hernández López, Esteban Marsel Pacheco Bazaldúa, Mariana Isabel Valdés Moreno, María Fernanda Salgado Fernández, Norma Camacho Mendoza

PS-10 Session 393 08:00 - 09:30

Poster session: Association of sleep-disordered breathing and different comorbidities

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing Imaging Surgery Physiology

Chairs : Matteo SICILIANO (ROMA, Italy), Carolina Lombardi (Milano (MI), Italy)

PA4548	**A multi-trait GWAS of OSA and hypertension identified novel sex-specific loci** Bichen Peng (Chengdu, China), Weiyi Ye, Xia Wang, Yining Tang
PA4549	**Impact of ATC N-Class therapy on OSA patients – data from European Sleep Apnea Database (ESADA)** Francesco Fanfulla (Pavia (PV), Italy), Jan Hedner, Pasquale Tondo, Giorgia Trakada, Sofia Schiza, Anja Seiger, Athanasia Pataka, Holger Hein, Stefan Mihaicuta, Dries Testelmans, Pawel Sliwinski, Bailly Sebastien
PA4550	**Baseline lipid levels and weight gain after one year predict long-term cardiovascular outcomes in adults with coronary artery disease and obstructive sleep apnoea** Baran Balcan (Istanbul, Turkey), Yeliz Celik, Yüksel Peker
PA4551	**Polysomnography in patients awaiting coronary artery bypass grafts, A single center experience from Sri Lanka** Manil Peiris (Kandy, Sri Lanka), Prabuddha Attanayake, Amila Rathnapala, Mudith Lansakara, Mihiri Siribaddana, Anoma Siribaddana
PA4552	**Characteristics of patients diagnosed with obstructive sleep apnea referred from the cardiology department.** Carla Nóvoa (Madrid, Spain), Xingi Gao, Miguel Ángel Salvador Maya, Annette Zevallos Villegas Sleep Respiratory Disorders Unit. Hospital Clínico San Carlos, Madrid, Spain
PA4553	**Severity of sleep apnoea is associated with nocturnal atrial and ventricular cardiac arrhythmia - a subanalysis of the HypnoLaus Study** Valentin Guenzler (Regensburg, Germany), Christoph Fisser, Ronja Koerner, Anja Zogler, Florian Zeman, Adrien Waeber, Raphaël Heinzer, Michael Arzt
PA4554	**Obstructive sleep apnea, obesity and SCORE2 cardiovascular risk in a middle-aged population - the SCAPIS Sleep Cohort** Ding Zou (Gothenburg, Sweden), Ludger Grote, Mio Kobayashi Frisk, Xingwu Zhou, Baz Delshad, Mirjam Ljunggren, Jenny Theorell-Haglöw, Christer Janson, Erik Holmgren, Martin Claesson, Anders Blomberg, Karl A. Franklin*, Jan Hedner*, Eva Lindberg*
PA4555	**Reevaluating OSA severity: insights from AHI, Baveno classification, and respiratory events** Daniela Ferreira-Santos (Porto, Portugal), Margarida Carvalho, Pedro Amorim, Pedro Pereira Rodrigues

PA4556	**Implications of Gastroesophageal Reflux in Obstructive Sleep Apnea Syndrome** Ghada Berkaoui (Ariana, Tunisia), Ferdaous Yangui, Soumaya Debbiche, Rihab Kefi, Hela Cherif, Haifa Ben Romdhane, Salma Mokaddem, Mohamed Ridha Charfi
PA4557	**Chronic cough as a manifestation of obstructive sleep apnea (OSA) in the context of the intersection of allergy diseases and gastroesophageal reflux disease (GERD).** Oleh Yakovenko (Lutsk, Ukraine), Alla Hrytsiuk, Khrystyna Drozd, Mykola Halaida, Anastasiia Malesyk, Olha Korzhyk, Svitlana Zubchenko, Eduard Khodosh, Tetiana Yakovenko
PA4558	**Risk of hyperlactatemia in patients with obstructive sleep apnoea receiveing metformin: prospective cohort study.** Kamil Polok (Kraków, Poland), Aleksander Kania, Natalia Celejewska-Wójcik, Paweł Nastałek, Krzysztof Sładek, Grażyna Bochenek
PA4559	**Obstructive sleep apnea and metabolic syndrome association. A meta-analysis** Eirini Zarkadi (PATRAS, Greece), Vasileios Karamouzos, Fotios Sampsonas, Dimosthenis Lykouras, Kyriakos Karkoulias, Fotini Fligou, Argyrios Tzouvelekis, Paschalis Steiropoulos
PA4560	**Polysomnographic Characteristics of Obese Apneic Patients With or Without Obesity-Hypoventilation Syndrome** Abdelouahab Fouzia (Constantine, Algeria), Mohamed Bougrida, Bourahli Mohamed Khireddine, Benzouid Bouchra, Martani Mahdi
PA4561	**Co-Morbid Insomnia and Sleep Apnea (COMISA): An Independent Risk Factor for Cardiovascular (CV) Events in a Population-Based Cohort** Geoffroy Solelhac (Lausanne, Switzerland), Theo Imler, Nicola Marchi, Pedro-Manuel Marques-Vidal, Peter Vollenweider, Raphaël Heinzer
PA4562	**Assessment of insomnia in patients with OSA: relationship with associated comorbidities and clinical implications** Giuseppe Scotti (Naples, Italy), Carlo Iadevaia, Andrea Bianco, Fabio Perrotta
PA4563	**Prevalence and impact of periodic limb movements in patients with disordered sleep: a retrospective study** Shantanu Patra (Bristol, United Kingdom), Goksu Ozen, Emma Plant, Amina Mohamed, David Cartwright, Emma Sharratt, Natarajan Swaminathan, Ziaudeen Ansari
PA4564	**Phenotypic traits of sleep-apnea post-stroke: insights from the analysis of the pan-European ESADA cohort** Sébastien Baillieul (Grenoble CEDEX 9, France), Renaud Tamisier, Jean-Louis Pépin, Francesco Fanfulla, Dries Testelmans, Georgia Trakada, Haralampos Gouveris, Pascalis Steiropoulos, Winfried Randerath, Gianfranco Parati, Marta Drummond, Stefan Mihaicuta, Jan Hedner, Ludger Grote, Sébastien Bailly
PA4565	**The Duration and Severity of Parkinson's Disease on the Risk of Obstructive Sleep Apnea** Özge Özkutlu (ankara, Turkey), Esma Demir, Nezehat Özgül Ünlüer, Rıza Sonkaya
PA4566	**The impact of obesity on sleep, pulmonary and chest wall restriction in Osteogenesis Imperfecta: a pilot study** Antonella LoMauro (Milano (MI), Italy), Ramona Deamicis, Simona Bertoli, Alessandrio Sartorio, Vittorio Landoni, Andrea Aliverti
PA4567	**Sanjad Sakati Syndrome and Sleep disordered breathing: an undisclosed association** Tabinda Naz Qureshi (London, United Kingdom), Hussein Al Kindi, Saif Al Yarubi, Mohammed Al Abri, Duaa Khateer, Alshaima Al Abri

PS-11 Session 394 08:00 - 09:30

Poster session: Biologics for COPD: cutting-edge data

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Cell and molecular biology General respiratory patient care Pulmonary function testing

Chairs : Maeva Zysman (cabanac et villagrains, France), Alexander Mathioudakis (Manchester, United Kingdom)

PA4569	**Phase 3 studies evaluating the efficacy and safety of tozorakimab in COPD: OBERON and TITANIA study designs** Frank Sciurba (Pittsburgh, United States), Henrik Watz, Arnaud Bourdin, Jinping Zheng, Wim Janssens, Maarten Van Den Berge, Raj Patel, Gabriela Luporini Saraiva, Martin Jenkins, Magnus Lofdahl, Jia Li, Marta Mikosz, Natsuko Kishishita, Sonya Jackson, Malin Fagerås, Ioannis Psallidas
PA4570	**Phagocytosis capacity in neutrophilic COPD patients.** James Baker (MANCHESTER, United Kingdom), Rosemary Gaskell, Jian Li, Alex Mulvanny, Augusta Beech, Simon Lea, Dave Singh
PA4571	**COPD patients managed in primary care – Proportion of patients potentially eligible for biologic therapy** Erik Sören Halvard Hansen (Lejre, Denmark), Amalie Alstrup Bjaldby, Charlotte Suppli Ulrik

PA4572	**Win ratio analysis of dupilumab efficacy in patients with chronic obstructive pulmonary disease and type 2 inflammation: BOREAS and NOTUS** Sanjay Ramakrishnan (Nedlands, Australia), Simon Coulliard, Nayia Petousi, Jessica Bon, Ian D. Pavord, Surya P. Bhatt, Klaus F. Rabe, Wenying Deng, Changming Xia, Jigna Heble, Mena Soliman
PA4573	**Association between dupilumab and repeated exacerbations of chronic obstructive pulmonary disease: BOREAS and NOTUS** Mona Bafadhel (London, United Kingdom), Surya P. Bhatt, Simon Couillard, Celeste Porsbjerg, Nadia N. Hansel, Paramita Saha-Chaudhuri, Mena Soliman, Danen M. Cunoosamy
PA4574	**The number needed to treat with dupilumab to prevent moderate or severe chronic obstructive pulmonary disease exacerbations: BOREAS and NOTUS** Nicola Hanania (Houston, United States), Surya P. Bhatt, Fernando J. Martinez, Klaus F. Rabe, Min Zhang, Changming Xia, Ernesto Mayen Herrera, Vijay Alagappan
PA4575	**Dupilumab efficacy in patients with chronic obstructive pulmonary disease and cardiovascular or metabolic disease: BOREAS and NOTUS** John R Hurst (London, United Kingdom), Paola Rogliani, Klaus F. Rabe, Nathaniel M. Hawkins, Nadia N. Hansel, Claus F. Vogelmeier, Surya P. Bhatt, Changming Xia, Jigna Heble, Mena Soliman
PA4576	**Effect of add-on dupilumab in elderly patients with chronic obstructive pulmonary disease: BOREAS and NOTUS** Jigna Heble (Washington Crossing, United States), Victor Pinto-Plata, David M. Mannino, Klaus F. Rabe, Fernando J. Martinez, Meilan K. Han, Shigeo Muro, Francesca Puggioni, Antonio Anzueto, Paramita Saha-Chaudhuri, Mena Soliman
PA4577	**Relationship between improvement in lung function and patient-reported outcomes in chronic obstructive pulmonary disease with dupilumab treatment: causal mediation analyses** Surya Bhatt (Birmingham, United States), Rosa Faner, Chris E. Brightling, Fernando J. Martinez, Mei Zhang, Mena Soliman, Danen M. Cunoosamy
PA4578	**EFFECTIVENESS OF TREATMENT WITH MEPOLIZUMAB AND DUPILUMAB IN PATIENTS WITH ASTHMA-COPD OVERLAP (ACO) COMPARED TO PATIENTS WITH SEVERE UNCONTROLLED ASTHMA (SUA) WITHOUT COPD.** David Echavarria (Sevilla, Spain), Belen Muñoz, Antonio Leon, Maria Luisa Polonio, Juan Francisco Medina, Marta Ferrer, Maria Auxiliadora Falcon, Maria Victoria Maestre, Francisco Javier Alvarez
PA4579	**A potent anti-TSLP mAb reduces type 2 inflammation in primary COPD epithelial cells** Yoko Yasuda (Vancouver, Canada), Gurpreet K. Singhera, Chung Cheung, Janice Leung, H. Kiyomi Komori, Lisa Wittmer, Hector Ortega, Don D. Sin
PA4580	**A Phase 1 Study of the IRAK4 inhibitor, AZD6793, evaluating Safety, Pharmacokinetics and Pharmacodynamics in Healthy Volunteers and Patients with COPD** Caroline Owen (Gaithersburg, United States), Patricia Guller, Cecilia Kristensson, João Ferreira, Therese Lood, Unai Caballero Cuenca, Carlos Silva, Marita Olsson, Laura Brooks, Daniel Windgassen, Silvia Cerboni, Valentina Martino, Veronica Musante, Irfan Ghani, Jukka Mäenpää, John Mo, Maria Belvisi, Pablo Fortesoto, Dave Singh, Ellinor Hornberg, Caroline A. Owen
PA4581	**Patient experiences during COPD care using biologics: a scoping review** Anastasiia Melenevych (Kharkiv, Ukraine), Yuliia Verkhovodova
PA4582	**Biologics for COPD: How many patients will be eligible?** Michael Clarkson (Hull, United Kingdom), Varshini Karthik, Dominic Sykes, Michael Crooks
PA4583	**Reduction of NIV utilization in patients with COPD treated for type II inflammation with biologics** Truong-An Ho (Philadelphia, United States), Stephen Dachert, Anugya Mittal, Gerard Criner
PA4584	**DUPILUMAB AS A TREATMENT IN PATIENTS WITH GOLD-E EOSINOPHILIC COPD: EXPERIENCE IN A SECOND-LEVEL HOSPITAL** Cesar Alejandro Araque Molina (Madrid, Spain), Jorge Rabago Castro, David Martos Ruiz, Inmaculada Castillo Gil, María Belén López-Muñiz Ballesteros, Julio Hernández Vázquez, Silvia Martín Bote, Ismael Ali García, María Isabel Andrade Vela, África Alcorta Mesas, Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Luis Arvelo Castro, Miguel Suárez Ortiz, Miguel Lorente González, Daniel Hiad Mouhtar El Halabi, Irene Milagros Domínguez Zabaleta, María Jesús Buendía García, Mariara Calderón Alcalá, María Beatriz Arias Arcos
PA4585	**Efficacy of mepolizumab in patients with COPD & type 2 inflammation: Pooled Phase III trial results** Claus Vogelmeier (Marburg, Germany), Alberto Papi, Mona Bafadhel, Gilles Devouassoux, Mohit Bhutani, Meilan K. Han, Bhabita Mayer, Joel Schamroth, Steven Gould, Frank C. Sciurba
PA4586	**Late Breaking Abstract - A phase 2 study of a new humanized anti-IL-4Rα mAb (SSGJ-611) in COPD** Dandan Chen (Shenzhen, China), Rongchang Chen, Kai Yang, Lingwei Wang, Hongying Yang, Yanming Huang, Liqin Wu, Hui Zhou, Xiao Liu, Junzhen Gao, Yilan Sun, Liping Wei, Jing Lou, Yanli Liu, Qinghong Zhou, Yuyu Xu

PA4587	**Late Breaking Abstract - ZW1528: A dual-targeting bispecific antibody to broadly suppress airway inflammation by inhibiting IL-4Ra and IL-33 pathways** Blair Hardman (Vancouver, Canada), Maya C. Poffenberger, Purva P. Bhojane, Robert Nechanitzky, Bing C. Wu, Janessa Li, Kesha Patel, Tristan S. Phillip, Kurt Stahl, Veronica Luu, Omar Kassas, Steve Booth, Hani Maroki, Shang-Chiung Chen, Diana Canals Hernaez, Andrew Sharon, Larissa Patlan Ramirez, Anam Liu, Rachel Guo, Richard Kunze, Gavin Storoschuk, Paul A. Moore, Thomas Spreter Von Kreudenstein, Alexey Berezhnoy

PS-12 Session 395 08:00 - 09:30

Poster session: The airway diseases pipeline: from molecular targets to therapeutic candidates

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Cell and molecular biology Pulmonary function testing Imaging

Chairs : Lena Uller (Lund, Sweden), Juan José Nieto-Fontarigo (Santiago De Compostela, Spain)

PA4588	**Efficacy of Spray Cryotherapy on Airway Secretions in Canine Models of Chronic Bronchitis and Mechanism Insights** Changhui Wang (Shanghai, China), Bingbing Wang, Shuanshuan Xie
PA4589	**Positive feedback loops as potential contributors to Interleukin-17A-driven synergistic potentiation of inflammatory response and corticosteroid insensitivity** Nurlan Dauletbaev (Marburg, Germany), Wided Akik, Sophia Egbers, Mylinh Truong, Thomas Damm, Janine Koepke, Christy Gnagbo, Christopher Leclerc, Jennifer Fraszczak, Tarik Möröy, Frederik Helmprobst, Katrin Laakmann, Bernd Schmeck, Elena Pohl, Renate Effner, Christian Birk, Ellen Renner, Ulrich Zissler, Claus Vogelmeier, Larry Lands
PA4590	**The specialised pro-resolving mediators protectin D1 and maresin 1 dampen IL-13-induced airway hyperreactivity in isolated human airways** Willem Abma (Stockholm, Sweden), Jesper Säfholm, Craig Wheelock, Mikael Adner, Henric Olsson, Sven-Erik Dahlén
PA4591	**Fucoidan-coated liposomes with azithromycin and curcumin: a novel approach to treat inflammatory lung diseases** Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), María Julia Altube, Sofía Patané, Horacio Jerez, Ezequiel Latour, Andrea Ponce, Fernando Dellatorre, Juan Manuel Figueroa, Ana Paula Perez, Andrea Dugour
PA4592	**Properties of the IL-33 blocker, itepekimab, enable greater efficacy in an airway inflammation mouse model.** George Scott (Tarrytown, United States), Wen-Chi Chen, Smita Aryal, Aasma Kahn, Jee Hae Kim, Matthew A. Sleeman, Andrew J. Murphy, Seblewongel Asrat, Jamie M. Orengo
PA4593	**Targeting airway inflammation and dysfunction in non-cystic fibrosis bronchiectasis with KIT2014 inhaled peptide** Valentina Sala (Torino, Italy), Laura Tasca, Alessandra Murabito, Angela Della Sala, Carla Uslenghi, Emilio Hirsch, Alessandra Ghigo
PA4594	**Production and characterization of Apolipoprotein A1 nanoparticles as a new therapeutic vector for lung diseases.** Marie Laurine APALAMA (Saint-Pierre, Reunion), Luan Givran, Béatrice Navarette, Pierre Giraud, Matthieu Bringart, Philippe Rondeau, Olivier Meilhac, Benoît Allard
PA4595	**Late Breaking Abstract - Effects of a Novel Dual Phosphodiesterase 3 and 4 Inhibitor TQC3721 in Patients with COPD in China (PACER-II): a phase 2, multicentre, randomised, double-blind, placebo-controlled trial** ZHU LUO (Chengdu, China), Li Xiu He, Ling Yang, Weiguo Li, Ding Yu, Weimin Li
PA4596	**Therapeutic effect of SOD secreting Bacillus in smoking-exposed emphysema** Na Hyun Kim (Seoul, Republic of Korea), Heeseo Kim, Hee Young Kim, Sei Won Lee
PA4597	**PGC-1 α reprogramming of mitochondrial metabolism synergistic PPAR γ -dependent polarization homeostasis of AMs** Dan Wang (Chongqing, China)
PA4598	**In vitro and in vivo effects of Carbocysteine on TSLP and oxidative stress** Paola Pinto (PALERMO, Italy), Daniele Donzì, Serena Di Vincenzo, Maria Ferraro, Valentina Lazzara, Maria Giuseppina Bruno, Nadia Moukri, Bernardo Patella, Rosalinda Inguanta, Elisabetta Pace
PA4599	**Effects of a non-steroidal anti-inflammatory dry powder and excipients on respiratory mechanics and bronchial responsiveness in ovalbumin-sensitized rats** Fruzsina Kun-Szabó (Szeged, Hungary), Gergely H. Fodor, Petra Somogyi, Heba Banat, Petra Party, Rita Ambrus, Ildikó Csóka, Ferenc Peták
PA4600	**Kudinoside A attenuates epithelial barrier dysfunction in COPD mouse model through inhibition of GSDMD-mediated pyroptosis** Min Zhang (, China), lei han, Maosen Dou, Lei Zhao, Hang Su, Xue Tian

PA4601 **mPGES inhibitor induces a switch to prostacyclin in human alveolar epithelial cells and lung fibroblasts**
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Ida Rosdal, Pia Ecke, Batelle Militeano, Nora Marek, Charlotte Edenius, Göran Tornling

PA4602 **Sputum cytokine profile differences in severe asthma and bronchiectasis**
Alex Mulvanny (Manchester (Greater Manchester), United Kingdom), Stephen Fowler, Thomas Pantin, Marion Wood, Robert Lord, Gael Tavernier, Dave Singh

PA4603 **Cigarette smoke exposure differentially affects male and female steroid hormone production and lung function in a COPD mouse model**
MOUNIKA GUNTIPALLY (Sydney, Australia), Lauren Fairley, Philip Hansbro

PA4604 **HDAC11 inhibition effects on β2AR localization, signaling and function in airway smooth muscle**
Raymond Penn (Philadelphia, United States), Arun Jannu, Elham Javed, Emma Robinson, Dominic Villalba, Elithaveta Valovatsky, Lisa Yan, Kaitlyn Lee, Timothy Mckinsey

PA4605 **Bronchorelaxant effects of 6-Nitrodopamine in human airway smooth muscle**
Luigino Calzetta (Roma (RM), Italy), Rafael Campos, Shima Gholamalishahi, Yanira Riffo-Vasquez, Gilberto De Nucci, Paola Rogliani, Clive Page

PA4606 **Single cell omics identify an anti-inflammatory niche through crosstalk between secretory cells and interstitial macrophages in mild to moderate COPD**
Baihui Lv (Hangzhou, China)

PA4607 **FFAR2 and FFAR3 modulate smoking-induced emphysema via an HDAC-independent pathway**
Heeseo Kim (SEOUL, Republic of Korea), Na Hyun Kim, Sei Won Lee

PS-13 Session 396 08:00 - 09:30

Poster session: Multifaceted evaluation of biologics in airway diseases: biomarkers, symptoms and beyond

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Imaging Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology

Chairs : Dina Visca (Tradate, Italy), Chair to be confirmed

PA4608 **Effect of tezepelumab on small airway dysfunction in real-life severe asthma**
Toshihiro Shirai (Shizuoka, Japan), Keita Hirai, Taisuke Akamatsu

PA4609 **Mepolizumab reduces markers of airway remodelling in bronchial biopsies from patients with severe eosinophilic asthma after 6 months of treatment**
Isabella Drummond (Guildford, United Kingdom), Juliette Phillips, Ravinder Dhillon, Jennifer Naftel, Wint Soe, Paddy Dennison, Rocio Teresa Martinez-Nunez, Jon Ward, Cornelia Blume, Emily Jane Swindle, Hitasha Rupani

PA4610 **Depemokimab reduces exacerbations in severe asthma versus other biologics: A multilevel network meta-regression**
Arnaud Bourdin (Montpellier Cedex 5, France), Ian D Pavord, Nicholas Ballew, Brandon Butcher, Lydia Vinals, Houcine El Alili, Vikas Jangra, Victor Laliman-Khara, Grammati Sarri, Rafael Alfonso-Cristancho

PA4611 **The impact of biologics on VOC profiles in severe asthma – a preliminary analysis**
Sofi Vassileva (Amsterdam, Netherlands), Nanna Dyhre-Petersen, Shahriyar Shahbazi Khamas, Stefania P. Principe, Susanne Vijverberg, Bart Hilvering, Els Weersink, Graham Clarke, Paul Brinkman, Peter I. Bonta, Jouke T. Annema, Chris Brightling, Sven-Erik Dahlén, Celeste Porsbjerg, Anke-Hilse Maitland-Van Der Zee

PA4612 **Multi-Tissue Molecular Differences Between Type 2 low Asthma and Healthy Individuals: Associations with CT Features**
Nazanin Zounemat-Kermani (hanworth, United Kingdom), Lily Lee, Katie Raby, Tatiana Karp, Hui Wen, Alen Faiz, Pankaj Bhavsar, Paolo Montuschi, Maarten Van Den Berge, Martijn Nawijn, Salman Siddiqui, Kian Fan Chung, Ian Micheal Adcock

PA4613 **Dupilumab improves long-term asthma control in German patients with severe asthma: Real-word data**
Andreas Renner (Wien, Austria), Slagjana Stoshikj, Christina Bal, Christian Schulz, Dirk Skowasch, Margret Jandl, Katrin Milger, Olaf Schmidt, Rainer Ehmann, Christian Taube, Eckard Hamelmann, Roland Buhl, Stephanie Korn, Marco Idzko

PA4614 **Success of biologics in patients with co-morbid severe asthma and COPD – do we need a more individualised definition of success?**
Rachel Burton (Liverpool, United Kingdom), Maria Puthoor, Fred Fyles, Hannah Joplin, Lisa Lewis, Hassan Burhan

PA4615	**Role of Epithelial Barrier Integrity in Biologic Treatment Response of Severe Asthmatics With/Out Chronic Rhinosinusitis With Nasal Polyps (CRSwNP): Study design and preliminary results** Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece), Georgia Liva, Styliani Viziriannaki, Eliza Tsitoura, Marilena Lourou, Ioanna Argyriou, Emmanouel Prokopakis, Alexandros Karatzanis, Nikolaos Tzanakis, Katerina M. Antoniou
PA4616	**Does frequency matter to patients? Views on current and upcoming severe asthma biologics** Bethan Wright (London, United Kingdom), Irene Berrar Torre, Ana-Maria Bucataru, Sara Mamo, Emer Mchugh, Karylle Azarce, Pujan H Patel
PA4617	**Longitudinal study of the impact of severe asthma biologic treatment on the body mass index (BMI)** Claudia Ajayi (Bromsgrove, United Kingdom), Julie Marsh, Ali Bahron, Adel Mansur
PA4618	**Ex-vivo three-dimensional model of T2-asthma: effects of the monoclonal antibody against interleukin-4 receptor α** Alida Benfante (Palermo (PA), Italy), Giorgia Intili, Maria Denise Amico, Stefano Burgio, Michele Domenico Modica, Salvatore Poma, Alessandro Pitruzzella, Alberto Fucarino, Alessandra Tomasello, Fabio Bucchieri, Nicola Scichilone
PA4619	**Improvements in FEV1 and St George's Respiratory Questionnaire (SGRQ) at 4 and 16 weeks on benralizumab are strongly associated with clinical remission at 1 year** Jennifer Logan (Glasgow, United Kingdom), Kirsty Wetherall, Lynsey Gillespie, Alex Mcconnachie, Wai-Ting Nicola Lee, Hassan Burhan, Thomas Brown, Shoaib Faruqi, David J Jackson, Ramesh Kurukulaaratchy, Adel H Mansur, Dinesh Saralaya, Stephen J Fowler, Pujan Patel, James Brown, James Lordan, Salman Siddiqui, P Jane Mcdowell, Ratko Djukanovic, Ian D Pavord, Liam G Heaney, Christopher E Brightling, Rekha Chaudhuri
PA4620	**Effect of benralizumab on the levels of bronchial epithelial-produced alarmins, collectins and mucosal-associated chemokine CCL28 in the blood of patients with severe eosinophilic asthma** Virginija Kalinauskaitė-Žukauskė (Kauno raj. , Lithuania), Andrius Januškevičius, Eglė Vasylė, Airidas Rimkūnas, Jolita Palačionytė, Kęstutis Malakauskas
PA4621	**Effect of benralizumab on small airways and CT imaging in patients with severe eosinophilic asthma** Italo Giovanni Bonatto (São Paulo (SP), Brazil), Regina Carvalho-Pinto, Samia Rached, Alberto Cukier, Rodrigo Athanazio
PA4622	**T-ROSS study: Baseline characteristics and comorbidity burden** Gabriel Niza Fresno (CÓRDOBA, Spain), José Luis Velasco Garrido, Francisco Ramos-Lima, Marta Alegria, Gema Monteagudo, Ismael García Moguel
PA4623	**Asthma control and QoL among Canadian patients with severe eosinophilic asthma (SEA): 2-year real-world results** Erika Penz (Saskatoon, Canada), Mackenzie Hamilton, Brett Lancaster, Charles St. Pierre, Jason Lee, Delbert Dorscheid, Pierre-Alexandre Ménard, Tharwat Fera, Amin Thawer, Brandie Walker, Gordon Sussman, Warren Ramesh, Olga Tourin, Justin Sebastian, Irfan Khan, George Philteos, Lawrence Mbuagbaw
PA4624	**Diaphragmatic function in severe asthma patients treated with biologics: The BIO-US study** Andrea Alessia Nardo (Catania, Italy), Martina Sinitò, Santi Nolasco, Francesco Pennisi, Fabio Vignera, Concetta Giannì, Morena Porto, Rossella Intravaia, Stefano Alia, Pietro Impellizzeri, Raffaele Campisi, Carlo Vancheri, Claudia Crimi
PA4625	**The impact of Tezepelumab therapy on perceived asthma triggers: a multicentre real-life study.** Francesca Montagnolo (Bari, Italy), Andrea Portacci, Giulia Scioscia, Silvano Dragonieri, Maria Aliani, Ernesto Lulaj, Pietro Magaletti, Piera Soccio, Luciana Salerno, Donato Lacedonia, Giovanna Elisiana Carpagnano
PA4626	**REIMAGINE: A prospective real-world evaluation of clinical remission in patients with severe asthma treated with mepolizumab in a timely manner** Florence Schleich (Liège, Belgium), Peter Howarth, Lisette Delgado Sanchez, Francesca Puggioni, Brian Modena, Richard Leigh, David Ramos-Barbón, Steven Gould, Lingjiao Zhang, Rikkita Unadkat, Carla Vossen, Rafael Alfonso-Cristancho
PA4627	**Biologic treatment outcomes for severe asthma in Singapore** Cheryn Yu Wei Choo (Singapore, Singapore), Youxin Puan, Nicole Yu Fang Sieow, Kheng Yong Ong, Sok Boon Tay, Jolene Jiaxuan Liu, Kai Xin Low, Pei Yee Tiew, Tunn Ren Tay, Mariko Siyue Koh

PS-14 Session 397 08:00 - 09:30

Poster session: Asthma treatments revisited: fresh data on trusted therapies

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology Public health Epidemiology Physiology

Chairs : Reshed Abohalaka (Göteborg, Sweden), Chair to be confirmed

PA4628	**Effectiveness of tiotropium bromide on lung function and asthma control in real life: data from 1-year clinical follow-up** Kurtuluş Aksu (Ankara, Turkey), Fatma Dindar Celik, Enes Celik, Hatice Celik Tuglu, Melis Yagdiran, Ozgur Akkale, Onur Telli, Gozde Koycu Buhari, Sakine Nazik Bahcecioglu, Funda Aksu

PA4629	**Bronchial hyper-reactivity impacts symptoms in severe eosinophilic asthmatic patients** Mario Di Stasio (Roma, Italy), Francesca Cefaloni, Matteo Bonini, Luca Richeldi
PA4630	**Persistent airway hyperresponsiveness to mannitol after high-dose ICS is linked to combined T2 inflammation and mast cell infiltration** Emilie Johanning Bari (Gentofte, Denmark), Laurits Frøssing, Asger Sverrild, Daisy Bornesund, Jonas Erjefält, Celeste Porsbjerg, Morten Hvidtfeldt
PA4631	**Long-acting muscarinic antagonists for severe asthma: the perspective of SHARP clinicians** Marco Caminati (Verona (VR), Italy), Alessandro Marcon, Luigi Martinelli, Aruna T Bansal, Emmanuelle Berret, Apostolos Bossios, Ineta Grisle, Pierpaolo Marchetti, Celeste Porsbjerg, Stefania Principe, Florence Schleich, Svetlana Sergejeva, Jacob K Sont
PA4632	**Single-inhaler triple therapy (FF/UMEC/VI) vs FF/VI in Chinese uncontrolled asthma adults** Alison C Moore (Uxbridge (Middlesex), United Kingdom), Jinfang Ma, Lin Su, Jodie Crawford, Sophia Zhang, Yiyue Zhou, Jinping Zheng
PA4633	**“Speed of change in feeling of health”: a new ePRO for asthmatic patients** Fulvio Braido (Genova, Italy), Ilaria Baiardini, Eleonora Ingrassia, Giorgia Sedda, Alessio Piraino
PA4634	**Role of Intranasal Corticosteroid in Asthma Management: A Focus on nNO Biomarker** Jian Sun (Jinan, China), Ying Wang, Yi Liu
PA4635	**Uncontrolled asthmatics with small airways dysfunction (SAD) and response to extra-fine ICS/LABA formulation: A real-world, observational, effectiveness, multi-centre study from India** Ruby Swami (pune, India), Suhas Bardapurkar, Shreehas Bardapurkar, Vivek Vardhan Veerapaneni, Vishnun Rao Veerapaneni, Kalpesh Panchal, Harshavardhan Vhora Vhora, Vaibhav Kubal, Bharat Toshniwal, Goli M Venkata Kasiram, Sonia Dalal, Aleemuddin Naveed, Anil Kumar Singh, Nandagopal Velayuthaswamy, Narendra Kumar Maddur, Gayathri Malkapuram, Vishlavath Bhasker, Abhinav Bhosale, Huda Shamim, Srikanth Krishnamurthy, Jaymohan Unnithan, Srinivasan Nagrajan, Sapna Madas, Sujata Chauthmal, Abhishek Sabale, Samruddhi Bhalare, Nikita Nawale, Deepika Dhumal, Namiksha Koli, Vaishali Naik, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay, Deesha Ghorpade, Sundeep Salvi
PA4636	**Long-Term Asthma Control with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study** Christian Gessner (Leipzig, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Celina Fritz, Alexander Hahn, Veronika Grickschat, Frederik Trinkmann
PA4637	**Long-term exacerbation trends before/after initiating triple therapy for uncontrolled asthma** Nicolas Roche (Paris, France), Guy Brusselle, Alicia Gayle, Luca di Palma, Alessio Piraino, Ulrica Scaffidi-Argentina, Christopher Grainge, Dave Singh, Victoria Carter, Jeffrey Shi Kai Chan, William Henley, David Neil, Derek Skinner, Adam Streeter, David Price
PA4638	**Asthma exacerbations during pregnancy** Bohee Lee (London, United Kingdom), Ernie Wong, Tricia Tan, Hitasha Rupani, Chloe Bloom
PA4639	**Improvement in Quality of Life in Asthma Patients switched to fixed triple combination with Beclometasone/Formoterol/Glycopyrronium: 12-Month Results of TriMaximize Study** Frederik Trinkmann (Heidelberg, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Veronika Grickschat, Alexander Hahn, Celina Fritz, Christian Gessner
PA4640	**30-35 Year Review of Spinal Skeletal Effects of Long-Term Inhaled Corticosteroids(LICS) after Asthma Admission** Martin Balzan (Tal Qroqq, Malta)
PA4641	**Should we be cautious of systemic side effects from nebulised β_2 agonists?** Craig Mortimer (Crawley, United Kingdom), Dimitra Nikoletou, Ann Ooms, Julia Williams
PA4642	**Salmeterol Induces Transcription of Genes with cAMP Response Elements** Eva Fiorenzo (London, United Kingdom), Sara Fontanella, Paul Lavender, Kieran Madon, Tatiana Kebadze, Julia Aniscenko, Aleksandra Nikonova, Michael Edwards, Sebastian Johnston
PA4643	**Reduction of asthma exacerbations after escalation from BUD/FORM or FP/SAL to FF/UMEC/VI** Stephen G Noorduyn (Mississauga, Canada), Guillaume Germain, Jacob Klimek, François Laliberté, Robert C Schell, Alison Moore, Rosirene Paczkowski
PA4644	**Asthma healthcare burden with ICS/LABA or LAMA-containing therapies: Chinese retrospective cohort study** Zhiliu Tang (Shanghai, China), Xin Li, Iris Chen, Sune Hao, Stephen G. Noorduyn, Jiaxin Ding, Jie Cao

PA4645 **Poor adherence to inhaled corticosteroids associated with asthma-related intensive care admissions**
Ngu Wah Khine (Southampton, United Kingdom), Paddy Dennison, Hitasha Rupani

PA4646 **Understanding Perceptions and Place of Triple Therapy for Asthma Management: The ESCALATE Survey**
Deepak Muthreja (Nagpur (Maharashtra), India), Sujeet Rajan, Anuroop Shankar, Kanishka Kumar Singh, Brijesh Prajapat, Rahul Karwa, Sujeet Madhukar, Koushik Ghosh, Manu Madan, Vaishali Naik, Swapna Nair, Meena Lopez, M Senthilnathan, Jaideep Gogtay

PA4647 **Inhaled corticosteroid withdrawal in T2-low asthma – A randomized study of symptom and biomarker stability**
Christiane Hammershaimb E. Mosbech (Gentofte, Denmark), Nina Skavlan Godtfredsen, Charlotte Suppli Ulrik, Christian Grabow Westergaard

PS-15 Session 398 08:00 - 09:30

Poster session: Biologics in severe asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health Physiology Cell and molecular biology Endoscopy and interventional pulmonology Imaging

Chairs : Sabina Skrgat (Ljubljana, Slovenia), Fabio L. M. Ricciardolo (Torino, Italy)

PA4648 **The journey to clinical remission of severe eosinophilic asthma: the combinatory role of type 2 inflammation biomarkers**
Akter Dilroba (Siena, Italy), Tommaso Pianigiani, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

PA4649 **Age-related differences in severe asthma patients addressed to biologics: insights from the SHARP Collaboration**
Stefania Principe (Utrecht, Netherlands), Antonio Moretti, Aruna Bansal, Simone Hashimoto, Luciano Cattani, Sanja Grle Popovic, Vratislav Sedlak, Svetlana Sergejeva, Kostas Samitas, Zsuzsanna Csoma, Ineta Grisle, Kristina Bieksiene, Anneke Ten Brinke, Florin Mihălţan, Sanja Hromis, Sabina Skrgat, Valentyna Yasinska, Bilun Gemicioglu, Piotr Kuna, Apostolos Bossios, Marco Caminati

PA4650 **Real-world Severe Asthma Registry in Latin America (REAL): Clinical features, phenotypes and treatment accessibility**
Ignacio Zabert (Neuquén, Argentina), Ana Stok, Felicia Montero, Abraham Ali, Maria Carmen Cano, Patricia Fernandez, Martin Maillo, Anibal Bermudez, Ileana Saldaña, Lucia Fernandez, Lorena Noriega, Natalia Garcia, Gabriel Garcia

PA4651 **FeNO 350: A significant predictor of clinical remission in severe asthma**
Flogerta Sana (Bari, Italy), Leonardo Maselli, Vitaliano Nicola Quaranta, Marta Tornesello, Valeria Pezzuto, Andrea Portacci, Enrico Buonamico, Silvano Dragonieri, Giovanna Elisiana Carpagnano

PA4652 **Benralizumab affects specific compartments in severe asthma patients with chronic rhinosinusitis and nasal polyposis**
Claudio Candia (Naples, Italy), Debora Paris, Antonio Molino, Maria D'Amato, Carmen Lombardi, Pasquale Ambrosino, Andrea Motta, Mauro Maniscalco

PA4653 **Does small airway disease (SAD) have an effect on the response to Tezepelumab?**
Elisa Bentivegna (firenze, Italy), Greta Insalata, Alessia Catalisano, Rubina Giulia Girolamo, Martina Maria Marinato, Luca Paita, Agostino Cristofalo, Chiara Allegrini, Gianna Camiciottoli

PA4654 **Tezepelumab in Uncontrolled Severe Asthma: A 3-Month Study on Small Airway Function and Symptom Control**
Ourania Kotsiou (Larissa, Greece), Georgios Barkas, Paraskevi Kirgou, Maria Pinaka, Zoe Daniil, Konstantinos Gourgoulianis

PA4655 **Alveolar Nitric Oxide as a Potential Biomarker for Assessing Airflow Obstruction Resolution in Severe Asthma Patients on Biologic Therapy**
Tommaso Pianigiani (Siena, Italy), Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli

PA4656 **Evaluation of the effectiveness of Dupilumab in patients with Severe Asthma using Forced Oscillation Technique (FOT): real-life data**
Luca Paita (Firenze, Italy), Greta Insalata, Elisa Bentivegna, Alessia Catalisano, Martina Maria Marinato, Rubina Giulia Girolamo, Chiara Allegrini, Federico Lavorini, Gianna Camiciottoli

PA4657 **Identification of severe eosinophilic asthma in patients with chronic rhinosinusitis with nasal polyps (CRSwNP) awaiting functional endoscopic sinus surgery**
Drew Davies (exeter, United Kingdom), Alexander Royston, Elizabeth Hudson, James Davidson, Edward Chisholm, Dinesh Shrikrishna

PA4658 **Does FEV1 stability tell us everything about lung function in asthma remission?**
Francesca Cefaloni (Rome, Italy), Enrico Schiavi, Luca Richeldi, Matteo Bonini

PA4659	**Real-World Impact of Mepolizumab on Mucus Plug Reduction in Severe Eosinophilic Asthma** Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), Hector Cedillo, Alberto García De La Fuente, Marina Paredes, Marcelo Sánchez
PA4660	**Impact of endoscopic techniques on the management of patients with severe asthma eligible for biological therapy** Carmen Lores Benavente (Barcelona, Spain), Cristina Bellver Asperilla, Rosa María López Lisbona, Marta Plana Pes, Domingo Madera Hernández, Guillermo Suárez Cuartín, Samantha Aso González, Salud Santos Pérez, Mariana Muñoz-Esquerre
PA4661	**Sputum differential cell count profiles in severe asthma treated with tezepelumab** Gaël Tavernier (Manchester (Greater Manchester), United Kingdom), Yetunde Isa, Holly Montgomery, Ellen Greenlees, Lynn Elsey, Kerry Hince, Stephen J Fowler, Thomas Pantin
PA4662	**Clinical profile and characteristics of hospitalised severe asthma exacerbation patients on biologics** Gabriel Chen (Singapore, Singapore), Kai Xin Low, Kheng Yong Ong, Pei Yee Tiew, Mariko Koh, Youxin Puan
PA4663	**The effect of biologics in the treatment of severe asthma- analysis of an age and sex matched cohort** Fabienne Jaun (Liestal, Switzerland), Maria Boesing, Giorgia Luethi-Corridori, Pierre-Olivier Bridevaux, Florian Charbonnier, Christian Clarenbach, Jean-Marc Fellrath, Pietro Gianella, Anja Jochmann, Lukas Kern, Nikolay Pavlov, Thomas Rothe, Tsogyal Latshang, Christophe Von Garnier, Joerg Daniel Leuppi
PA4664	**Small Airway Dysfucntion in Severe Asthma: Impact on achieving Clinical Remission** Mona Al-Ahmad (Kuwait, Kuwait), Asmaa Ali, Wafaa Talat
PA4665	**Clinical remission with biologics in severe asthmatics is not affected by age** Lorena Gentile (Palermo, Italy), Valentina Catanzaro, Alessandra Tomasello, Giulia Genduso, Gabriele Pagano, Alida Benfante, Nicola Scichilone
PA4666	**Tezepelumab (anti-TSLP) effectiveness in real-life in Severe Asthma** Elisa Bentivegna (firenze, Italy), Greta Insalata, Alessia Catalisano, Rubina Giulia Girolamo, Martina Maria Marinato, Luca Paita, Samuele Trentin, Agostino Cristofalo, Chiara Allegrini, Gianna Camiciottoli
PA4667	**Biomarker predictors of biologic therapy response in patients with severe asthma and Aspergillus-IgG positive serology** Christine Chiang (Dublin, Ireland), Mohamed Idris, Laura Monaghan, Emma Mulligan, Stephen Lane, Patrick Mitchell

PS-16 Session 399 08:00 - 09:30

Poster session: Clinical profile of COPD exacerbation

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Epidemiology Physiology Public health Cell and molecular biology

Chairs : Lydia Finney (London, United Kingdom), Jérémy Charriot (Montpellier Cedex 5, France)

PA4668	**The Cluster Analysis and Prognostic Evaluation of Patients with Acute Exacerbation of Chronic Obstructive Pulmonary DiseaseAECOPD** yanan zhang (yinchuan, China), Yuling Wang, Mingrui Wan, Ruonan Lv, Zeinab Sheikhzadeh
PA4669	**Is Household Air Quality monitoring relevant in the Management of Selected Asthma and COPD patients?** Rubèn González Colom (Sant Hipòlit de Voltregà, Spain), Alba Gómez-López, Alicia Aguado, Nestor Soler, Núria Sánchez-Ruano, Marta Sorribes, Jaume Benavent, Antoni Sisó-Almirall, Antonio Montilla-Ibarra, María Figols, Alberto Rodríguez, Ramon Farré, Emili Vela, Jordi Piera, Josep Roca, Antonio Montilla-Ibarra, Isaac Cano, Jose Fermoso, Ebymar Arismendi
PA4670	**Predictors of medium term mortality after a first hospitalised acute exacerbation of chronic obstructive pulmonary disease** Huiying Xu (Singapore, Singapore)
PA4671	**PREVALENCE OF PERIODONTAL DISEASE IN PATIENTS WITH COPD AND ITS RELATIONSHIP WITH CLINICAL CHARACTERISTICS** Maria Urquiola Torres (Pamplona, Spain), Pablo Sanchez Salcedo, Miguel Angel Bada Garcia, Francisco Javier Campano Lancharro, Tamara Gutierrez Urra, Ignacio Antonio Martinez Adan, Sara Hermoso De Mendoza, Begoña Euba Rementería, Juncal Garmendia García, Pilar Cebollero Rivas
PA4672	**A systematic review on predictors of acute exacerbations in COPD** Dumiana Chamaon (Enschede, Netherlands), A. Lenferink, C. C. Bucsán, S. H. B. Van Dijk, W. J. C. Van Beurden, P. D. L. P. M. Van Der Valk, J. A. M. Van Der Palen, M.G.J. Brusse-Keizer

PA4673	**New instrument for effective detection of a history of COPD exacerbations, including usually unreported events** Jaromir Zatloukal (Olomouc, Czech Republic), Eva Volakova, Jana Kovacikova, Martina Kulirova, Vladimir Koblizek
PA4674	**Changes of the upper airway microbiota in patients with chronic obstructive pulmonary disease (COPD): A longitudinal study** Eleni Papakonstantinou (Freiburg, Germany), Markus Hilty, Nadja Mostacci, Leticia Grize, Anna Salina, Maria Pascarella, Daiana Stolz
PA4675	**Performance of blood bicarbonate in predicting the severity of COPD exacerbations** Hend Ouertani (Tunis, Tunisia), Feriel Ben Soltana, Emna Ben Jemai, Tasnim Djebali, Haifa Zaibi, Jihene Ben Amar
PA4676	**NEWS Worthy? Evaluating Escalation in a Community Respiratory Team** David Barber (Warrington, United Kingdom), Emma Rickards, Samantha Hayes, Vanessa Barry, Eleanor Jones, Freddy Frost, Dennis Wat, Onnor Hampson
PA4677	**The burden of undiagnosed COPD among Lung Cancer Screening participants** Kayleigh Brindle (Cottingham, United Kingdom), Karen Watkins, Jennifer Gilroy-Cheetham, Charlie Maxted, Saarah Niazi-Ali, Michael Crooks
PA4678	**Predictive factors of mortality in chronic obstructive pulmonary disease subjects: A monocenter prospective observational study in Algeria** Fettal Nadia (Sidi Bel Abbes, Algeria)
PA4679	**Predictive performance of risk scores for the outcome of acute exacerbation of COPD - A retrospective study** Maria Boesing (Liestal, Switzerland), Giorgia Lüthi-Corridori, Fabienne Jaun, Laurin Sarbach, Jörg Daniel Leuppi
PA4680	**A Real-Life Validation of the Rome Proposal: Does the Setting Matter?** Mariano Reginato (Ferrara, Italy), Lorenzo Pasquale Lombardo, Federico Baraldi, Luca Pontalto, Tommaso Bigoni, Antonio Ursitti, Gioacchino Schifino, Alberto Papi
PA4681	**Association between gut disintegrity and exacerbations of COPD; the role of I-FABP** Daphne Peerlings (Maastricht, Netherlands), Roy T.M. Sprooten, Emiel F.M. Wouters, Kaatje Lenaerts, Niki L. Reynaert, Miriam T.J. Groenen, Sarah Houben-Wilke, Sami O. Simons, Frits M.E. Franssen
PA4682	**Fungal sensitisation in COPD patients** Jan Biteznik (Tržič, Slovenia), Andraž Jug, Urška Bidovec-Stojkovič, Kristina Ziherl, Irena Šarc
PA4683	**FeNO, blood eosinophils and digital inhaler monitoring for inhaled corticosteroid (ICS) response in COPD** Hnin Aung (Leicester, United Kingdom), Kimon Ntotsis, Petr Novotny, Phoebe Ashley, Helen Evans, Kumaran Balasundaram, William Monteiro, Sarah E Parker, Sarah A Edwards, Michelle Bourne, Muhammad M Iqbal, Michael Steiner, Rachael A Evans, Christopher E Brightling, Anna Murphy, Adam Wright, Neil J Greening
PA4684	**Relationship between the levels of FeNO, blood eosinophils and the severity of exacerbations in patient with COPD: Results from COSYCONET** Peter Alter (Marburg, Germany), Henrik Watz, Kathrin Kahnert, Franziska C. Trudzinski, Hubert Wirtz, Tim Speicher, Inge Kokot, Sandra Söhler, Robert Bals, Klaus F. Rabe, Emiel F.M. Wouters, Claus F. Vogelmeier, Rudolf A. Jörres
PA4685	**COPD exacerbation profiles** Raul Moreno Zabaleta (Madrid, Spain), Carlos Rubio Otaola, Martha Vidal Ortolá, José Andrés García Romero De Tejada, Emma Vázquez Espinosa, Leonardo Saldaña Pérez, María Teresa Ramírez Prieto, Felipe Villar Álvarez
PA4686	**Exacerbation history and BODE index in patients with stable COPD** Yu Ren (Beijing, China), Fen Dong, Rui Su, Tao Ye, Dong Jin, Ting Yang, Paul W. Jones, Chen Wang
PA4687	**Initial treatment initiation of maintenance inhaled therapy after severe acute exacerbation predicts all-cause mortality in newly diagnosed COPD patients** Lorinc Polivka (Üröm, Hungary), Attila Vasko, Erika Baranyai, Balazs Santa, Laszlo Nemeth, Tamas Balazs, Zsofia Lazar

PS-17 Session 400 08:00 - 09:30

Poster session: Biomarkers in asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology Physiology General respiratory patient care Pulmonary function testing Cell and molecular biology

Chairs : Zuzana Diamant (Groningen, Netherlands), Nikolaos Lazarinis (Stockholm, Sweden)

PA4688	**Cytokines in Exhaled Breath Condensate from Children with Severe Asthma and effects on Human Respiratory Epithelium Cultures** Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Andrea Dugour, Fernanda Elias, Veronica Giubergia, Gabriela Pelaez, Gimena Donth Legar, Doris Primerose, Marcela Roque, Carlos Velasco, Veronica Aguerre, Belen Lucero, Juan Manuel Figueroa
PA4689	**FeNO: a useful biomarker for respiratory health? Data from the Austrian LEAD study.** Charmaine J. M. Lim (Vienna, Austria), Emiel F. M. Wouters, Sylvia Hartl, Marie-Kathrin Breyer, Robab Breyer-Kohansal
PA4690	**The respiratory microbiota and serum metabolomics characteristics in different endotypes of asthma** Jin He (xi'an, China), Yun Liu
PA4691	**Predictors of placebo response in asthma attack rates: analysis from the ORACLE2 patient-level meta-analysis** Simon Couillard (Sherbrooke, Canada), Samuel Mailhot-Larouche, Joël St-Pierre, Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Cecile T.J. Holweg, Allu Subhashini, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord
PA4692	**Impact of oxidative stress in bronchial asthma as measured by serum derivatives of reactive oxygen metabolites and biological antioxidant potential** Keitaro Nakamoto (Tokyo, Japan), Masato Watanabe, Masaoki Saito, Keisuke Kasuga, Chika Miyaoka, Yuki Yoshida, Fumi Kobayashi, Hiroki Nunokawa, Jumpei Aso, Yasuo Nakamoto, Manabu Ishida, Mitsuru Sada, Kojiro Honda, Saori Takata, Takeshi Saraya, Masafumi Shimoda, Yoshiaki Tanaka, Mikio Saotome, Ken Ohta, Haruyuki Ishii
PA4693	**Volatile organic compounds in exhaled air for asthma management: impact of smoking.** Miguel Jimenez Gomez (Madrid (Madrid), Spain), Carlos Melero-Moreno, María Ángeles Muñoz-Lucas, Irina Bobolea, Andrea Trisán-Alonso, Carolina Cisneros-Serrano, José Javier Jareño-Esteban, Luis Miguel Callol-Sánchez, Rocío García-García, Antolín López-Viña, Adrián Peláez-Laderas, Rocío Magdalena Díaz-Campos
PA4694	**Role of metalloproteases in the era of chronic respiratory diseases (CRDs) modern targeted care** Gianmarco Putti (Assago, Italy), Fabrizio Paolo Mastrangelo, Margherita Carnevale Schianca, Leonardo Terranova, Maura Spotti, Marco Mantero, Andrea Gramegna, Francesco Blasi
PA4695	**Genetic polymorphisms associated with persistent airway hyperresponsiveness in well-controlled asthma** Taisuke Akamatsu (Shizuoka, Japan), Keita Hirai, Toshihiro Shirai
PA4696	**Association between lipid accumulation products and asthma among adults: a nationwide cross-sectional study** Qian Zhang (Changzhou (Jiangsu), China), Chuang Sun
PA4697	**Eosinophil-derived neurotoxin levels in clinical asthma phenotypes** Selin Özuygur Ermis (Gothenburg, Sweden), Carina Malmhäll, Magnus P. Borres, Daniil Lisik, Reshed Abohalaka, Selin Ercan, Göran Wennergren, Linda Ekerljung, Madeleine Rådinger, Hannu Kankaanranta, Bright I. Bright I. Nwaru
PA4698	**Unveiling endotypic and functional differences between eosinophilic COPD and severe asthma** Marianna Cicchetti (Matera, Italy), Eustachio Ricciardi, Rossella Novielli, Marta Tornesello, Giovanni Sanasi, Maria Rosaria Vulpi, Fabrizio Diaferia, Carla Santomasi, Valentina Di Lecce, Ruben Infantino, Vitaliano Nicola Quaranta, Andrea Portacci, Silvano Dragonieri, Giovanna Elisiana Carpagnano
PA4699	**Oxidative Stress and Asthma Control: A Biomarker Analysis** alexandra bianca repciuc (iasi, Romania), Oana Elena Melinte, Mona Elisabeta Dobrin, Vlad Daniel Bejan, Antigona Carmen Trofor
PA4700	**Inflammatory phenotypes in the exhaled breath of children with severe asthma** Doris Primrose (Martinez Buenos Aires, Argentina), Magdalena Vocos, Gimena Donth Leger, Marcela Roque, Carlos Velasco Suarez, Andrea Dugour, Fernanda Elías, Gabriela Peláez, Verónica Giubergia, Belen Lucero, Veronica Aguerre, Juan Manuel Figueroa
PA4701	**Distal airway inflammation is linked to small airway disease in asthma** Hà Pham Ngoc (Paris, France), Thông Hua-Huy, Nhât-Nam Lê-Dông, Frédérique Aubourg, Stéphanie Habib-Maillard, Clémence Martin, Isabelle Honoré, Nicolas Roche, Anh Tuan Dinh-Xuan
PA4702	**Appearances can be deceiving: differences in FeNO values among COPD and severe asthmatic patients stratified according to peripheral eosinophilic count.** Claudio Candia (Naples, Italy), Claudia Merola, Silvestro Ennio D'Anna, Antonio Iovine, Arcangela Di Domenico, Salvatore Fuschillo, Francesco Cappello, Andrea Motta, Mauro Maniscalco
PA4703	**Type 2 inflammation associated with fixed airflow obstruction, bronchodilator responsiveness, and allergic sensitisation in mild to moderate asthma.** Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Alex Lima, Rachna Goburdhun, Christine Topham, Mona Bafadhel

PA4704	**Type 2 biomarker guided management of exacerbations in severe asthma patients** Helena Cummings (Hull, United Kingdom), Dominic Sykes, Shoaib Faruqi, Michael Crooks, Charlotte Riches, Kylie Overton, Mandy Robinson
PA4705	**Does FENO correlate with broncho reversibility in suspected asthmatics?** Elliot Taylor (Bolton, United Kingdom), Emily Dickinson, Rajesh Yadavilli
PA4706	**Asthma Phenotypes in Adults: A Comparative Study of Rural and Urban Populations in Northern India** Ravi Shekhar Jha (Gurgaon (Haryana), India), Ishita Gupta
PA4707	**Describing subtypes of asthma in a community spirometry service** Devon Ward (Liverpool, United Kingdom), Timothy Ho, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burhan

PS-18 Session 401 08:00 - 09:30

Poster session: Clinical insights into mechanisms defining airways disease pathogenesis and responsiveness to therapeutics

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Epidemiology Imaging Public health Pulmonary function testing

Chairs : Cindy Barnig (Besançon, France), Clarice Lim (Wien, Austria)

PA4708	**Distribution of Type-2 Airway Inflammation Across Different Lung Function Status** Wuping Bao (Shanghai, China), Yiting Wu, Yanmei Lin, Huijuan Hao, Jingwang Lin, Yan Zhou, Yilin Pan, Min Zhang
PA4709	**The airway transcriptome in type2 cytokine biomarker-high, -intermediate and -low severe asthma** Jiashu Shen (Oxford, United Kingdom), Emanuele Marchi, Rekha Chaudhuri, Steve Bicknell, Adel Mansur, Rahul Shrimanker, Ian Pavord, Stephen Fowler, Vanessa Brown, Lorcan Mcgarvey, Peter Howarth, Joseph Arron, Liam Heaney, David Choy, Timothy Hinks#, Peter Bradding#
PA4710	**IL-33 and IL-25 as drivers of ICAM1 and ICAM3 expression in Th2 and regulatory T cell subsets in severe eosinophilic asthmatic patients.** Laura Bergantini (siena, Italy), Irene Paggi, Tommaso Pianigiani, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli
PA4711	**Resident and inflammatory eosinophils in early and late onset asthma.** Umberto Semenzato (Padova, Italy), Maria Conti, Daniele Previtero, Erica Bazzan, Andrea Rastelli, Ylenia Padrin, Nicol Bernardinello, Mariaenrica Tinè, Giorgia Puddu, Graziella Turato, Manuel Cosio, Marina Saetta, Simonetta Baraldo
PA4712	**Evidence of a local negative feedback mechanism via IL-5Rα shedding from airway eosinophils.** James Melhorn (Salisbury, United Kingdom), Corrado Pelaia, Mahdi Mahdi, Jian Luo, Gabriel Lavoie, Helen Ferry, Ian Pavord, Timothy Hinks
PA4713	**The relationship between PTPRH and CEACAM5 and Th17 immune response in severe asthma patients.** Fengjia Chen (guangzhou, China), Zhimin Zeng, Yangli Liu, Yubiao Guo
PA4714	**Increased IL-33+ and ST2+ alveolar macrophages in COPD** Sophie Booth (Manchester, United Kingdom), Andrew Higham, Dave Singh
PA4715	**Increased alveolar eosinophils in chronic obstructive pulmonary disease** Sophie Booth (Manchester, United Kingdom), Andrew Higham, Anna Ioannidi, Dave Singh
PA4716	**Morphological and fractal analysis of monocytes and neutrophils from smokers and ex-smokers** Amanda Carvalho (Mossoró, Brazil), Jose Roberto Augisto Dos Santos, Tiago Ian Regis Vidal, Flavio Santos Da Silva, Julia Virginia Chaves Freitas, Aglagilson Fernandes Da Chagas, Micassio Fernandes De Andrade, Emanuel Feitosa
PA4717	**Elevated exTreg Cells in COPD: A Novel Immunological Landscape and Potential Therapeutic Target** Jia Hou (Yinchuan, China), Weirong Ma, Dan Wang, Jiale Zhao, Xinru Peng
PA4718	**Neurophenotyping cough in respiratory disease** Jenny King (Manchester (Greater Manchester), United Kingdom), Bashar Alsheklly, James Wingfield Digby, Shannon Galgani, Rachel Dockry, Kimberly Holt, Joanne Mitchell, Paul Marsden, Jaclyn Smith
PA4719	**Factors Influencing the Response to Allergen Immunotherapy: A Retrospective Study** yosra bellil (bardo,tunis, Tunisia), Nourchene Khalfallah, Yosra Farhani, Mariem Chaabene, Chiraz Aichaouia, Selsabil Dabboussi, Samira Mhamdi, Zied Mootamri

PA4720	**The relationship between atopy, IgE levels and response to tezepelumab in severe asthma** Francesca Cefaloni (Rome, Italy), Jessica Gates, Faizan Haris, Filip Wilk, Tanweer Kamaly, Paniz Khooshemehri, Jaideep Dhariwal, Alexandra M. Nanzer, David J Jackson
PA4721	**Blood eosinophil gene expression and cytokine response is altered with anti-IL-5 Mepolizumab** Katie Raby (London, United Kingdom), Emma Gaffney, Janice Koranteng, Piers Dixey, Ian Adcock, Andrew Menzies-Gow, Kian Fan Chung, Pankaj Bhavsar
PA4722	**The lack of response to Omalizumab in patients with severe asthma is associated with IgE receptor mutations.** Fatma Emre Turan Tasolar (Derince, Turkey), Ender Mehmet Coşkunpınar, Oktay Taşolar
PA4723	**Differential impact of T2 pathway biologics on IL5R-expressing mast cell progenitors in severe asthma** Michael Fricker (New Lambton Heights (NSW), Australia), John Harrington, Sarah Hiles, Peter Gibson
PA4724	**The effect of dupilumab therapy on T regulatory cells exhaustion state in severe asthma** Tommaso Pianigiani (Siena, Italy), Irene Paggi, Simona Luzzi, Laura Bergantini, Miriana D'Alessandro, Elena Bargagli, Paolo Cameli
PA4725	**Immunomodulatory effects of Mepolizumab on group 2 innate lymphoid cells in patients with refractory chronic cough and eosinophilic airways disease (MUCOSA)** Takahiro Matsuyama (Dundas, Canada), Yoshihisa Tokunaga, Xiaotian Ju, Nahal Fard, Nermin Diab, Danica Brister, Wafa Hassan, Mustafaa Wahab, Elena Kum, Jennifer Wattie, Karen Howie, Kieran Killian, Jaclyn Smith, Gail Gauvreau, Paul O'Byrne, Imran Satia, Roma Sehmi
PA4726	**Effects of benralizumab on T cell adhesion molecules in severe eosinophilic asthma: modulation by IL-25 and IL-33** Irene Paggi (Siena, Italy), Miriana D'Alessandro, Sara Gangi, Elena Bargagli, Paolo Cameli, Laura Bergantini
PA4727	**Changes in airway structure/function with benralizumab treatment of severe eosinophilic asthma (SEA) observed with Functional Respiratory Imaging (FRI)** Donna Carstens (Wilmington, United States), Wilfried Debacker, Kirsty Rhodes, Patrick Muchmore, Benjamin R. Lavon, Sze Yan Ernestine Chung, Robert Fogel, Frank Trudo, Reynold Panettieri Jr

PS-19 Session 402 08:00 - 09:30

Poster session: Role of pollution, pollen and microbiota in respiratory diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Public health Pulmonary function testing Cell and molecular biology General respiratory patient care

Chairs : Yutong Samuel Cai (London, United Kingdom), Chair to be confirmed

PA4728	**Impact of Household Pesticide Exposure on Respiratory Disease Mortality in Adults: A Prospective Cohort Study** Min Li (Kunming, China), Wenye Zhu, Huang Luo
PA4729	**Associations of long-term exposure to air pollution and greenness with COVID-19 prevalence in Northern Europe** Shanshan Xu (Bergen, Norway), Alessandro Marcon, Randi Jacobsen Bertelsen, Bryndis Benediktsdottir, Jørgen Brandt, Lise Marie Frohn, Camilla Geels, Thorarinn Gislason, Joachim Heinrich, Mathias Holm, Christer Janson, Iana Markevych, Lars Modig, Hans Orru, Vivi Schlünssen, Torben Sigsgaard, Ane Johannessen
PA4730	**Association of prenatal and postnatal coal mine fire PM2.5 exposure with childhood airway inflammation: a prospective cohort study** Bibian Wijs (Amsterdam, Netherlands), Caroline Gao, Myriam Ziou, Evelien Graven, Graham Hall, Marita Dalton, Shyamali Dharmage, Michael Abramson, Emily Leaman, Graeme Zosky, Fay Johnston, Lieke Scheepers
PA4731	**Early effects of short-term exposure to air pollution on the respiratory function in healthy children** Hanne Hendrickx (Antwerp, Belgium), Annelies Van Eyck, Kristien Wouters, Julie Degraeve, Kevin Lamote, Roeland Samson, Stijn Verhulst
PA4732	**Trends in the Global Burden of COPD from 1990 to 2021: The Pivotal Influence of Air Pollution** Min Zhang (, China), Hang Su
PA4733	**Microbiological contamination of indoor air in primary schools and respiratory effects on children** Valentina Lazzara (Palermo, Italy), Giusy Daniela Albano, Velia Malizia, Pietro Alfano, Rosalia Paola Gagliardo, Andrea Perri, Omar Shatarat, Anna Bonomolo, Stefania La Grutta, Vito Muggeo, Elisabetta Pace
PA4734	**Short-term impact of air pollution exposure on emergency room and hospital admissions in the Veneto Region, Northern Italy (2008-2022)** Anaam Arif (Jhang, Pakistan), Francesca Locatelli, Sofia Tagliaferro, Lorenzo Di Spazio, Francesco Domenichini, Ugo Fedeli, Nicola Gennaro, Pierpaolo Marchetti, Alessandro Marcon

PA4735 **Translational approaches to mitigate smog-induced respiratory diseases in children**
Saeed Ahmad (Tampere, Finland), Fakhra Ikhlaq

PA4736 **Efficacy of an intervention for improving indoor air quality in schools**
Sandra Baldacci (Pisa (PI), Italy), Ilaria Stanisci, Giuseppe Sarno, Anna Angino, Patrizia Silvi, Sofia Tagliaferro, Giovanni Viegi, Sara Maio

PA4737 **Prenatal or postnatal PM2.5 exposure from a coalmine fire and long term lung function assesed by oscillometry and spirometry.**
Evelien Graven (Amsterdam, Netherlands), Caroline Gao, Myriam Ziou, Bibian Wijs, Marita Dalton, Graham Hall, Graeme Zosky, Fay Johnston, Lieke Scheepers

PA4738 **Public health impact of livestock-related air pollution: policy making supported by an endotoxin assessment framework**
Inge Wouters (Utrecht, Netherlands), Lloyd Roga, Manon Vaal, Jennie Odink, Myrna De Rooij

PA4739 **Blood lead concentrations and lung function in young adults**
Mohammad Talaei Pashiri (London, United Kingdom), Alex Griffiths, Alexis Karamanos, Ovnair Sepai, J Kennedy Cruickshank, Seeromanie Harding, Seif O. Shaheen

PA4740 **Exploring the Role of Farm-Like Indoor Microbiota in Asthma Risk Reduction in Urban Homes**
Christina Tischer (München, Germany), Martin Täubel, Anne M Karvonen, Gunda Herberth, Joachim Heinrich, Elisabeth Thiering, Juha Pekkanen, Pirkka V Kirjavainen

PA4741 **Trust your gut: Are gut microbial species associated with asthma?**
Suneela Zaigham (Malmö, Sweden), Ulf Hammar, Martin Färdig, Nils Oskar Jögi, Marju Orho-Melander, Johan Ärnlöv, Tove Fall, Andrei Malinovschi

PA4742 **Airborne microbiome in relation to asthma and chronic rhinosinusitis 10 years later**
Christine Cramer (Aarhus, Denmark), Hesham Amin, Christer Janson, Ane Johannessen, Rain Jõgi, Tejs Ehlers Klug, Henrik Albert Kolstad, Ian Marshall, Tina Santl-Temkiv, Torben Sigsgaard, Randi Jacobsen Bertelsen, Vivi Schlünssen

PA4743 **Is it the Cigarette or the Kitchen? Gender-Based Differences in COPD Diagnosis in a Lower-Middle-Income Country**
Taymmia Ejaz (Islamabad, Pakistan), Muhammad Irfan

PA4744 **Impact of Pollen Sensitization on Allergic Asthma Phenotype: A Comparative Analysis**
Rania Nakhli (Kairouan, Tunisia), Mhamdi Samira, Dabboussi Salsabil, Aichaouia Chiraz, Moetamri Zied

PA4745 **Emerging novel sequence types of Staphylococcus aureus in Pakistan**
Santosh Sidhwani (Karachi, Pakistan), Ambrina Khatoon

PA4746 **Lung microbiome alterations in chronic respiratory diseases: A systematic review**
Fares Qtaishat (Amman, Jordan), Ahmad Alkayyat

PA4747 **Potential sensitizers in gluten-free baking**
Irmeli Lindström (Helsinki, Finland), Evgeny Parshintsev, Tomi Kanerva, Viivi Ahonen, Hille Suojalehto

PS-2 Session 403 08:00 - 09:30

Poster session: Mighty muscle in chronic disease

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Pulmonary function testing | Pulmonary rehabilitation | Physiology | Cell and molecular biology | General respiratory patient care | Public health | Respiratory intensive care | Imaging

Chairs : Harry R. Gosker (Maastricht, Netherlands), Pauline Henrot (Pessac, France)

PA4748 **Do alterations in intramuscular extracellular matrix protein levels disrupt the normal process of muscle remodelling in response to exercise training in patients with COPD?**
Davina C M Simoes (Newcastle upon Tyne, United Kingdom), Efpraxia Kritikaki, Gerasimos Terzis, Ioannis Vogiatzis

PA4749 **Diagnostic accuracy and prognostic ability of SARC-F during acute exacerbations of COPD**
George Mills (Leicester, United Kingdom), Emily Siviter, Cara Flynn, Omer Elneima, Tracey Thornton, Sarah Glover, Sally J. Singh, Neil J. Greening, Hamish J. C. Mcauley

PA4750 **Body composition in lung transplant candidates referred to pulmonary rehabilitation**
Daniela Stefana Gologanu (Bucuresti (Sector 1), Romania), Iuliana David, Valentin Nedelcu, Ion Ion, Marius Balea, Diana Ionita, Dragos Bumbacea

PA4751	**Body composition in patients with COPD: the extremes** Bente Brauwers (Heerlen, Netherlands), Frits Franssen, Paula Van Melick, Roy Meys, Rosanne Beijers, Jeroen Van Hees, Bram Van Den Borst, Chris Burtin, Martijn Spruit
PA4752	**Effects of resistance and aerobic exercises with blood flow restriction in patients with chronic obstructive pulmonary disease.** Ahmet Güneş (istanbul, Turkey), Fatma Mutluay, Murat Acat
PA4753	**Systemic responses to a continuous blood flow-restricted aerobic exercise session in COPD patients: a double blind, randomized safety trial** Ahmet Güneş (istanbul, Turkey), Fatma Mutluay, Murat Acat, Oğuzhan Koca
PA4754	**Long-test ventilation in children with severe chronic health disabilities: the 14-year experience of a single "Hospital at Home" center** Elpis Hatziagorou (Thessaloniki, Greece), Petrina Vantsi, Maria Galogavrou, Fotios Kirvasilis, Athina Sopiadou, Elisavet-Anna Chrysochoou, Vasilios Liakos, Kostas Moisides, Eleftherios Thireos, John Tsanakas
PA4755	**Respiratory and peripheral muscle activity during field tests in COPD: case-control study** Guilherme Fregonezi (Rio Grande do Norte, Brazil), Caroline Taveira, Jéssica Medeiros Da Fonseca, Jessica Diniz Cavalcanti, Lucien Peroni Gualdi, Matias Otto-Yáñez, Andrea Aliverti, Vanessa Resqueti, Jordi Vilaró
PA4756	**Impact of Strength Training on Neuromuscular Function in COPD: Key Knowledge for Understanding Strength Gain Variability After Pulmonary Rehabilitation** Marion Desachy (Jacou, France), Francois Alexandre, Nicolas Oliver, Jean Pierre Lacombe, Julia Goesch, Catherine Gilland, Amandine Calvat, Remy Dadier, Alain Varray, Nelly Heraud
PA4757	**How respiratory muscle training (RMT) can reduce the global burden of cardiovascular disease (CVD)** Nina Bausek (Gloggnitz, Austria), Nicholas Meyer, Ivana Croghan
PA4758	**The acute cardiorespiratory response to blood flow restriction strength exercise in patients with COPD: a randomized crossover trial** Manuel Kuhn (Zurich, Switzerland), Christian Clarenbach, Adrian Kläy, Laura Mayer, Malcolm Kohler, Thomas Radtke, Sarah Haile, Oliver Senn, Noriane Sievi, Dario Kohlbrenner
PA4759	**Diaphragmatic Function in Children with Cerebral Palsy: Insights from Muscle Ultrasound** Joaquim Malta (Petrolina, Brazil), Bárbara Bernardo Figueirêdo, Thalita Crispim, Maracy Balbino, Deivd Siqueira, Helga Muniz, Paulo Magalhães
PA4760	**Beneficial Effects of Isolated Resistance Training on Pulmonary Functional and Immunological Response in Sedentary Older Adults** Rodolfo P Vieira (Anápolis, Brazil), Anamei Silva-Reis, Meiry Souza Moura-Maia, Eduarda Teodora Rachid-Wolpp, Naiara Nadia Moreira-Silva, Luis Vicente Franco De Oliveira, Andre Luis Lacerda Bachi, Yanesko Fernandes Bella
PA4761	**Effects of a four-week expiratory muscle training program on pharyngeal muscle function and swallowing in older adults** Yuichi Tawara (Hamamatsu, Japan), Shinichi Arizono, Kazuhiro Kimpara
PA4762	**The Effectiveness of Whole Body Vibration on Muscle Function and Respiratory Parameters in İntensive Care Patients: a Randomized Controlled Clinical Trial** Yunus TÜTÜNEKEN (848, Turkey), Hande Çağlıyan, Elif Kabasakal, Kübra Kardeş, Hatice Karabulut, Beyza Tanrıöğen, Burcu Işıkcı, Hakan Parlak, Gül Yılmaz Yelvar, Yasemin Buran Çırak
PA4763	**Acute effects of a single positive expiratory pressure therapy (PEP) session on lung hyperinflation in COPD patients** Marijan Potzmann (Vienna, Austria), Benjamin Sabic, Viktoria Peresich, Luisa Ernst, Bianca Rogi, Karin Vonbank
PA4764	**Influence of quadriceps isometric strength measured with a portable dynamometer on the number of hospital admissions, length of stay, and emergency room visits in COPD patients: Comparison with other functional variables** Rafael Rivilla Rivilla (SEVILLA, Spain), Maria Pilar Cejudo Ramos, Rosa María Vazquez Sanchez, Erian Roque Betancourt, Inmaculada Ortiz Molina, Alejandro Romero Linares, Antonio Yosvani Mendez Alonso, Patricia Baez Peinado
PA4765	**Validation of an Artificial Intelligence (AI) measurement of skeletal muscle in computed tomography (CT) of the thorax against DXA muscle mass** Paul O'Riordan (leicester, United Kingdom), Petr Novotny, Lorna Latimer, George Mills, Charlotte E Bolton, Christopher E Brightling, Paul L Greenhaff, William D-C Man, Sally J Singh, Louise V Wain, Rachael A Evans, Daynes Enya, Neil J Greening, Hamish J C Mcauley
PA4766	**Inspiratory muscle training combining strength and endurance improves diaphragmatic function in patients with tracheostomy due to prolonged mechanical ventilation. Preliminary results.** Jennifer Ayuso (Rancagua, Chile), Daniel Pérez, Pilar Retamal, Marcos Espinoza, Dixon Cid, Carolina Lindsay, Maria Bachmann, Julia Guerrero

PA4767 **Efficacy of PEP in the prevention and treatment of postoperative pulmonary complications following thoracic and abdominal surgery.**
Darko Dolic (Eraclea, Italy), Simone Salvitti

PS-20 Session 404 08:00 - 09:30

Poster session: Multifocal therapeutic strategies for airway diseases

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Epidemiology Endoscopy and interventional pulmonology Pulmonary function testing Physiology

PA4768 **Late Breaking Abstract - A phase 2, dose-finding study of inhaled itraconazole in ABPA-complicating asthma**
Ritesh Agarwal (Chandigarh, India), Dhruva Chaudhry, Shyam Narain Gupta, Raja Dhar, Pajanivel Ranganadin, Rohit Kumar, Anant Mohan, Jyoti Bajpai, Rennis Davis, Sonali Jadhav, Abhijit Vaidya, Sushmeeta Chhowala, Sandesh Sawant, Jaideep Gogtay

PA4769 **Late Breaking Abstract - Sustained suppression of type 2 inflammatory biomarkers in asthma with APG808, a half -life extended anti-IL-4Rα monoclonal antibody**
Amol Kamboj (San Francisco, United States), Lauren Wood, Cecilia Hale, David Plotnik, Sai Thankamony, Carl Dambkowski, Xiu Qin Lim

PA4770 **Late Breaking Abstract - Bispecific antibody targeting IL33 and TSLP for treating asthma and COPD**
Zhenping Zhu (New York, United States), Hao Ran, Jingwei Huang, Huili Li, Liguo Dong, Chengpeng Su, Dandan Liu, Yifei Zhou, Chuan Chen, Xiaoou Xu, Xiaoqian Chen, Liang Tian, Jian Peng

PA4771 **Late Breaking Abstract - Reducing mast cells mitigates development of allergic asthma features**
Yujiao Xiang (Solna, Sweden), Jielu Liu, Ionut Atanasoai, Sachin Samuchiwal, Jesper Säfholm, Mu Nie, Elin Rönnberg Höckerlind, Michael Turner, Gunnar Nilsson, Mikael Adner

PA4772 **Late Breaking Abstract - Vapendavir for the treatment of COPD patients challenged with rhinovirus: A phase 2a placebo-controlled study**
Sebastian L. Johnston (London, United Kingdom), Katherine Laessig, Michael R. Edwards, Katharine Knobil, Oliver O'Connor, Sara Williams, Aline Derlagen, Kai-Mun Chan, Eva Florenzo, Neeta Patel, Chloe Pyle, Tika Endeladze, Angela Tsavou, Ines Carvalho, Jeffery Bruno, Katherine Squires, Onn Min Kon, Brett Giroir

PA4773 **Late Breaking Abstract - Bisoprolol to prevent adverse cardiac events (PACE) in COPD: a 2-year RCT**
Christine Jenkins (McMahons Point (NSW), Australia), Allison Martin, Catherina Chang, Richard Beasley, Jeremy Wrobel, Vanessa Mcdonald, Claudia Dobler, Ian Yang, Claude Farah, Belinda Cochrane, Graham Hillis, Caroline Polak-Scowcroft, Channa Ranasinha, Asita De Silva, Ashutosh Aggarwal, Laurent Billot, Anthony Devaux, Chris Gianacas, Shane Galgey, Robert Hancox

PA4774 **Late Breaking Abstract - Real-world evidence for severe Alpha-1 Antitrypsin Deficiency: Life-years gained for augmentation therapy versus standard care**
Noel Gerard McElvaney (Dublin, Ireland), Daniel D. Fraughen, Georg-Christian Funk, Tobias Meischl, Christian F. Clarenbach, Noriane A. Sievi, Karin Schmid-Scherzer, Oliver J. Mcelvaney, Mark P. Murphy, Adam D. Roche, Louise Clarke, Florian Vafai-Tabrizi, Geraldine Kelly, Cedric Gunaratnam, Max Harris, Albert Kwarciak, Michaela Buch-Haensel, Stephan Linden, Tomás P. Carroll, Suzanne Roche, Vasvi Sahni

PA4775 **Late Breaking Abstract - Bronchial Rheoplasty for Chronic Bronchitis: Results from the Randomized, Mechanical Sham-Controlled RheSolve Study**
Arschang Valipour (Wien, Austria), Frank Sciurba, Anand Tana, Gerard Criner, Jonathan Hovda, David Dibardino, Ray Shepherd, Ryan Kern, Michael Lester, Whitten Patrick, Sebastian Fernandez-Bussy, Mario Castro

PA4776 **Late Breaking Abstract - U-Shaped Association Between Blood Eosinophil Count and In-Hospital Mortality in Severe AECOPD**
Yang Li (Beijing, China), Yanfei Guo

PA4777 **Late Breaking Abstract - Sodium/glucose co-transporter-2 inhibitors (SGLT2-i) in COPD and its effects on admission rates, length of stay and use of acute NIV. A Single-Centre 48-month retrospective observational study in a UK tertiary care centre.**
Alan Kan (Coventry, United Kingdom), Joshua De Soyza, Ranganatha Rao, Narasimha Murthy, Jayanth Bhat

PA4778 **Late Breaking Abstract - Dupilumab reduces the risk of severe exacerbations in patients with chronic obstructive pulmonary disease: results from BOREAS and NOTUS**
Mona Bafadhel (London, United Kingdom), Surya P. Bhatt, Imran Satia, Antonio Anzueto, Jean Bourbeau, Alberto Papi, Stephanie Korn, Fernando J. Martinez, Gaëtan Deslée, Changming Xia, Jigna Heble, Mena Soliman

PA4779 **Late Breaking Abstract - Efficacy and Safety of TQC3403 in Patients with COPD: a Multicenter, Randomized, Open -label, Phase 3 Equivalence Trial**
Dandan Chen (Shenzhen, China), Kai Yang, Weiguo Li, Ding Yu, Rongchang Chen

PA4780 **Late Breaking Abstract - Bispecific antibody targeting IL13 and TSLP for treatment of respiratory diseases**
Zhenping Zhu (New York, United States), Jingwei Huang, Hao Ran, Huili Li, Liguo Dong, Dandan Liu, Liang Tian, Jian Peng

PA4781 **Late Breaking Abstract - Severe asthma biologic switches: an overview of outcomes at a UK regional centre**
Galateia Verykokou (Athens, Greece), Laia Castro, Anika Dewshi, Jessica Tay, Christabelle Chen, Runa Ali, Simon Quantrill, James Brown, Simon Brill, Andrew Hearn, Paul Pfeffer

PA4782 **Late Breaking Abstract - Budesonide-formoterol versus terbutaline reliever in adults with asthma using maintenance inhaled corticosteroids**
Jonathan Noble (Bristol, United Kingdom), Orlagh Bean, Melissa Perry, Ross Sayers, Ryan Cullen, Bianca Black, Mark Holliday, Allie Eathorne, Nick Shortt, Louis Kirton, Blake Perry, Pepa Bruce, William Leung, Ian Pavord, Mark Weatherall, Richard Beasley

PA4783 **Late Breaking Abstract - Multi-omics technologies characterize neutrophil-microbe interactions in non-cystic fibrosis bronchiectasis sputum**
Theodore Kapellos (Munich, Germany), Pontus Mertsch, Leticya Melo, Saima Rehman, Dmytro Sirokha, Benteng Deng, Jianlong Jia, Rosi Kiefl, Ulrich M. Zissler, Juergen Behr, Isis E. Fernandez, Ali Oender Yildirim, Sebastien Boutin, Alen Faiz, Phil Hansbro

PA4784 **Late Breaking Abstract - Distinct effects of londamocitinib, AZD6793 and dexamethasone on gene expression in sputum macrophages from asthma and COPD**
Zala Jevnikar Rojnik (Mölndal, Sweden), Julie Weidner, Silvia Cerboni, Bastian Angermann, Carla Winkler, Sofia Lundin, Kristoffer Ostridge Ostridge, Fanyi Jiang, Jessica Holmén Larsson, Veronica Musante, Karin Lilja, Kristofer Thörn, Erica Darrah, Daniel Muthas, Tina Jellesmark Jensen, Davinder P S Dosanjh, Caroline A. Owen, Rod Hughes, Kyriakos V. Konstantinidis, Ellinor Hornberg, Adam Platt, Lowie E G W Vanfleteren, Madeleine Rådinger

PA4785 **Late Breaking Abstract - Immunoglobulin preparation trimodulin inhibits influenza infection in human viable lung tissue**
Christina Hesse (Hannover, Germany), Susann Dehmel, Helena Obernolte, Franziska Dahlmann, Fabian Bohländer

PA4786 **Late Breaking Abstract - French claims database study in patients with severe asthma w/wo COPD using benralizuma: BENEFIT study**
Gilles Devouassoux (Pierre-Bénite, France), Diana Ayinde, Mandy NIZARD, Caroline Fabry-Vendrand, Delphine Leynaud, Erika Guyot, Nadège Bornier, Manon Belhassen, Arnaud Bourdin

PA4787 **Late Breaking Abstract - Human lung bronchial cells exposed to cigarette smoke: role of Adiponectin in Epithelial -Mesenchymal Transition**
Francesca Panico (Napoli, Italy), Ersilia Nigro, Davida Mirra, Giuseppe Spaziano, Renata Esposito, Eleonora Caiazzo, Aurora Daniele, Bruno D'Agostino

PS-21 Session 405 08:00 - 09:30

Poster session: Cystic fibrosis in motion: modulators, monitoring and the whole-body impact

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Pulmonary function testing Imaging Physiology Epidemiology

Chairs : Oded Breuer (Jerusalem, Israel), Tamara Blake (South Brisbane, Australia)

PA4788 **Real-life effect of lumacaftor-ivacaftor or tezacaftor-ivacaftor in children with Phe508del CFTR mutation**
Nele Aerssens (Holsbeek, Belgium), Marijke Proesmans, Mieke Boon, Francois Vermeulen

PA4789 **Lung function improvement with triple modulator therapy in patients with cystic fibrosis in North Macedonia: A one-year experience**
Elena Krsteska (Skopje, North Macedonia), Andrijana Andreevska Stepanovska, Valentina Cvejoska Cholakovska, Bosko Koloski, Stojka Fustik

PA4790 **The hidden impact of Kaftrio: declining lean mass and aerobic capacity in children with cystic fibrosis**
Amandine Holden (Edinburgh, United Kingdom), Anne Devenny, Louis Thomson, Ross Langely, Paul Burns, Sheila Shepard, Avril Mason

PA4791 **Impact of Kaftrio on body composition and bone health in children with cystic fibrosis**
Amandine Holden (Edinburgh, United Kingdom), Anne Devenney, Louis Thomson, Ross Langely, Paul Burns, Sheila Shepard, Avril Mason

PA4792 **Sleep Quality and Mental Health in Children with Cystic Fibrosis: The Impact of Elexacaftor/Tezacaftor/Ivacaftor Therapy**
Beste Özsezen (Ankara, Turkey), Simge Aslan, Hanife Burcu Guler, Nevin Uzuner

PA4793	**Factors associated with long-term lung function outcomes following elexacaftor/tezacaftor/ivacaftor treatment** Oded Breuer (Jerusalem, Israel), Mohammad Hadhud, Joel Reiter, Elad Ben Meir, Alex Gileles-Hillel, Ido Sadras, Eitan Kerem, Malena Cohen-Cymberknoh
PA4794	**Impact of modulator therapy on microbiological trends over 9 months in North Macedonia** Andrijana Andreevska Stepanovska (Skopje, North Macedonia), Elena Krsteska, Valentina Cvejoska Cholakovska, Lidija Spirevska, Aleksandar Stepanovski, Vesna Kotevska, Stojka Fustik
PA4795	**Clinical parameters in adult patients with cystic fibrosis on ELX/TEZ/IVA in North Macedonia** Tatjana Jakovska-Maretti (Skopje, North Macedonia), Ivana Arnaudova Danevska, Elena Gjinovska Tasevska, Tanja Savin
PA4796	**Amphiregulin as a biomarker of bronchopulmonary disease severity in children and adolescents with cystic fibrosis.** Irena Wojsyk-Banaszak (Poznań, Poland), Aleksandra Szczepankiewicz, Beata Narożna, Zuzanna Stachowiak, Paulina Famulska, Marta Osinska, Katarzyna Tąpolska-Jóźwiak, Anna Musiał, Katarzyna Jończyk-Potoczna
PA4797	**Risk of exposure for the caregivers during aminoglycoside nebulization: an observational study** Christophe Thibon (Bruxelles, Belgium), Grégory Reychler, Zoé Verdereau, Anne-Sophie Aubriot, Sophie Gohy, Silvia Berardis, Lidivine Boland, Vincent Haufroid, Jean-Christophe Dubus
PA4798	**Lung clearance index (LCI) and lung volume (FRC) sitting vs supine in health and CF (cystic fibrosis) in relation to inert gas diffusivity** Fatma M. Al Jassim (Dubai, United Arab Emirates), Anders Lindblad, Mollie Riley, Per M. Gustafsson
PA4799	**Lung function tracking and its determinants in cystic fibrosis from infancy to preschool age.** Radim Bláha (Jindřichův Hradec, Czech Republic), Tereza Holeček-Krištofová, Anna Šmejkalová, Žofie Tesařová, Žofia Varényiová, Eva Fürstová, Jana Bartošová, Veronika Skalická, Tereza Doušová, Petr Pohunek, Václav Koucký
PA4800	**Vitamin A and Th17/Treg homeostasis in children with cystic fibrosis** Tuğba Şişmanlar Eyuboglu (Ankara, Turkey), Ayse Tana Aslan, Nihan Oruklu, Melek Yaman, Milad Abbasi, Handan Kelec, Nilgun Kula, Gokcen Unal, Sevgi Pekcan, Özlem Gulbahar, Volkan Medeni, Emin Umit Bagriacik
PA4801	**The long-term impact of targeted nutritional interventions on BMI percentiles in children with cystic fibrosis.** Seyda Karabulut (Istanbul, Turkey), Merve Selcuk Balcı, Neval Metin Cakar, Ceren Ayça Yıldız, Muge Merve Akkitap Yigit, Eda Esra Baysal, Fulya Ozdemircioglu, Busra Ozgunay, Emre Ugurlu, Gulizar Alıshbayli, Burcu Uzunoglu, Gamze Tastan, Damla Kocamaz, Almala Pınar Ergenekon, Ela Erdem Eralp, Yasemin Gokdemir, Fazilet Karakoc, Bulent Karadag
PA4802	**Delta F508 as associated factor to impared osteoblastal acitvity in patients with cystic fibrosis** Filip Doksimovski (Skopje, North Macedonia), Elena Ginovska-Tasevska, Ivana Arnaudova Danevska, Hristijan Nestorov, Tatjana Jakjovska
PA4803	**Assessment of Bone Health in adults with Cystic Fibrosis in the Republic of North Macedonia** Tatjana Jakovska-Maretti (Skopje, North Macedonia), Ivana Arnaudova Danevska, Elena Gjinovska Tasevska
PA4804	**Sweat test results in patients on CFTR-modulators in Bulgaria** Ivaylo Nikolov (, Bulgaria), Guergana Petrova, Vera Papochieva, Kristin Genkova, Yana Pesheva, Dimitrinka Miteva, Mila Baycheva
PA4805	**Late Breaking Abstract - Beyond the era of modulatory therapy: Inequalities in access and their psychological impact on children with cystic fibrosis** Berrak Oztosun (Istanbul, Turkey), Simay Buse Gulumser, Defne Altug, Basak Gunal, Elif Anac, Gizem Durcan, Mesut Yavuz, Burak Dogangun, Haluk Cokugras, Ayse Ayzit Kilinc Sakallı
PA4806	**Late Breaking Abstract - The short-term effects of ELX/TEZ/IVA treatment on glucose and bone metabolism in children** Cigdem Korkmaz (İstanbul, Turkey), Elif Orkan, Ecem Torun, Yaren Uysal, Hande Turan, Elvan Bayramoğlu, Olcay Evliyaoğlu, Ayşe Ayzıt Kılınç Sakallı

PS-22 Session 406 08:00 - 09:30

Poster session: Bronchiolitis, bronchiectasis and beyond: challenges in paediatric lower respiratory tract infections

Disease(s) : Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Imaging Cell and molecular biology Endoscopy and interventional pulmonology

Chairs : Steve Cunningham (Edinburgh (Scotland), United Kingdom), Nadine Freitag (Krefeld, Germany)

PA4807	**The development of a paediatric bronchiectasis quality of life (PBQoL) questionnaire.** Hollie Smith (Birmingham, United Kingdom), Prasad Nagakumar, Siobhan Carr, Stefan Unger, Kirstin Unger, Priti Kenia

PA4808	**Pulmonary exacerbations in paediatric non-CF bronchiectasis: a parental perspective** James Bubb (Leicester, United Kingdom), Deepa Patel, David K H Lo, Manisha Ramphul
PA4809	**Macrolide prophylaxis in recurrent paediatric chest infections: A low risk for resistance?** Sairah Akbar (Cambridge, United Kingdom), Kathryn Kimber
PA4810	**Literature review on the transition of adolescents and young adults with bronchiectasis: a Child-BEAR-Net ERS Clinical Research Collaboration** Laura Garriga Grimau (Barcelona, Spain), Keith Grimwood, Andrew Bush, Bulent Karadag, Rebecca Fortescue, Oleksandr Mazulov, Eva Polverino, Jeanette Boyd, Zena Powell, Alexander Möller, Angela Zacharasiewicz, Marijke Proesmans, Carolina Constant, James Chalmers, Adam Hill, Matthias Griese, Efthymia Alexopoulou, Pamela Laird, Laura Petrarca, Fabio Midulla, Konstantinos Douros, Stephanie T Yerkovich, Charlotte Wright, Ahmad Kantar*, Anne B Chang* (*co-Senior Authors)
PA4811	**Lower airway sampling in paediatric bronchiectasis (PB): 5-year experience at a UK tertiary center** Rahul Sharma (Bhopal (Madhya Pradesh), India), Hollie Smith, Christopher Hine, Prasad Nagakumar, Priti Kenia
PA4812	**Children with chronic cough - what′s following** Marina Praprotnik (Ljubljana, Slovenia), Aleksandra Zver, Airin Veronese, Uros Krivec, Dusanka Lepej, Jasna Rodman Berlot, Sasa Setina Smid, Paola Pascolo
PA4813	**Impact of Nirsevimab on bronchiolitis: reduction in hospitalizations and severity** Yolanda Mañes Jiménez (Valencia, Spain), Maria Teresa Romero Rubio, María Sinisterra Pérez, Silvia Ruiz Climent, Elena Lucas Sáez, Inés Costa Alcacer
PA4814	**Efficacy of 3 % hypertonic saline on bronchiolitis symptom severity scores: a meta-analysis** Susanne Sauerer (Starnberg, Germany), Rosina Ledermüller, Lefteris Teperikidis, Arshan Perera
PA4815	**Efficacy of 3% Hypertonic Saline for Reducing Hospitalization Rates in Children with Bronchiolitis: A Meta-Analysis.** Rosina Ledermüller (Starnberg, Germany), Susanne Sauerer, Lefteris Teperikidis, Arshan Perera
PA4816	**Blood count and inflammatory markers: potential predictors of bronchiolitis severity** Antonella Gambadauro (Barcellona Pozzo di Gotto, Italy), Simone Foti Randazzese, Federica Xerra, Salvatore Mollica, Alessandra Li Pomi, Malgorzata Wasniewska, Giuseppina Zirilli, Sara Manti
PA4817	**Risk factors and clinical burden of RSV hospitalization in the second year of Life: A multi-center study** Keren Armoni Domany (Tel-Aviv, Israel), Nitzan Burrack, Inbal Golan-Tripto, Kamal Masarweh, Michal Gur, Mika Rochman, Moria Beer, Dario Prais, Merav Mor, Moran Weinberger Opek, Elias Nasrallah, Orli Megged, Rachel Shatzman Steuerman, Michal Stein, Zohar Steinberg, Avigdor Mandelberg, Shereen Shehadeh, Diana Tasher
PA4818	**Combination of genotypes as genetic markers of COVID-19 severity and lung injury in children from Ukraine** Tetiana Harashchenko (Kyiv, Ukraine), Tetiana Umanets, Volodymyr Lapshyn, Oleksandra Gorodna, Ludmila Livshits, Yurii Antypkin
PA4819	**Pulmonary involvement in COVID-19 infection in premature children from the perspective of imaging investigations** Alexandru Corlateanu (Chisinau, Republic of Moldova), Corina Conica, Svetlana Sciuca, Cristina Tomacinschii
PA4820	**Rising cases of pertussis in Albania: should we review our vaccination strategies?** Sonila Borici (Tirana, Albania), Brunilda Hyseni, Ilir Akshija
PA4821	**Pertussis' cases in American continent: a temporal analysis between 2018 and 2023.** Renato Goncalves Felix (Bariri, Brazil), Lucas Casagrande Passoni Lopes
PA4822	**Clinical and microbiological profile of recurrent pulmonary infections in children with primary immunodeficiencies from Moldova** Cristina Tomacinschii (Chisinau, Republic of Moldova), Rodica Selvestru, Mihaela Bataneanț, Svetlana Sciuca
PA4823	**The Impact of Nasopharyngeal Microbiota Changes on Clinical Presentation of Human Bocavirus Infection in Children with Wheezing** Yuqing Wang (Suzhou, China), Fengqian Wang, Sainan Chen, Min Wu
PA4824	**Analysis of clinical characteristics of chlamydia trachomatis infection in children with lower respiratory tract infection** Yuqing Wang (Suzhou, China), Zhen Zhang, Fenqian Wang
PA4825	**Bronchial compression and lymph node herniation in paediatric pulmonary tuberculosis – a single-centre case series** Pia Maier (Hannover, Germany), Nicolaus Schwerk, Katharina Schütz, Gesine Hansen, Martin Wetzke

PA4826 **Lung Ultrasonography in Pediatric Pulmonology: A Key Tool Not Only for Diagnosis, but Also for Monitoring and Early Complication Detection**
Mina Hizal (Ankara, Turkey), Oguz Böük, Burcu Cura Yayla

PS-23 Session 407 08:00 - 09:30

Poster session: Complexity in paediatric rare lung and airway disease

Disease(s) : Airway diseases Sleep and breathing disorders Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Imaging Palliative care Surgery Epidemiology General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Transplantation Physiology Public health Respiratory intensive care

Chairs : Laura Petrarca (Roma (RM), Italy), Dirk Schramm (Düsseldorf, Germany)

PA4827 **Diagnostic yield and safety of transbronchial cryobiopsy and forceps biopsy in paediatric lung transplant recipients - a single-centre observational study**
Pia Maier (Hannover, Germany), Peter Braubach, Hanna Wennigsen-Heipke, Hannah Kaiser, Ola Al Haj, Christoph Happel, Martin Wetzke, Oliver Keil, Carsten Müller, Gesine Hansen, Dmitry Bobylev, Fabio Ius, Nicolaus Schwerk, Julia Carlens

PA4828 **Prevalence and respiratory morbidity among children born with esophageal atresia in Denmark: a national registry study, 1998-2018.**
Lars Skou Elkjaer (Kolding, Denmark), Frederik Fouirnaies Buchvald, Marika Nathalie Ronne, Molly Skov Romdal, Marie Lykke Felby, Kristine Boe Jürgensen, Elisabeth Søgaard Christensen, Kim Gjerum Nielsen

PA4829 **The impact of respiratory symptoms on quality of life in children with esophageal atresia**
Helene Holmark Møller (København Ø, Denmark), Marika Nathalie Rønne, Elisabeth S. Christiansen, Frederik F. Buchvald, Kim G. Nielsen

PA4830 **Exercise capacity in children with esophageal atresia and tracheomalacia**
Molly Skov Romdal (Copenhagen, Denmark), Marika N Rønne, Helene Holmark, Lotte F Larsen, Elisabeth S Christiansen, Frederik F Buchvald, Kim G. Nielsen

PA4831 **Pediatric Pulmonology Follow-Up for Operated Congenital Thoracic Malformations**
Çelebi Yildirim (ankara, Turkey), Satı Özkan Tabakçı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akça Dinç, Ayyüce Aktemur Ünlü, Hande Yetişgin, Süleyman Arif Bostancı, Müjdem Nur Azılı, Sanem Eryılmaz Polat, Dilber Ademhan Tural, Gökçen Dilşa Tuğcu, Güzin Cinel

PA4832 **Epidemiology of Post Infectious Bronchiolitis Obliterans patients at a tertiary Hospital in Argentina**
Alejandro Teper (Ciudad Autónoma Buenos Aires, Argentina), Alejandro Colom, Manuel Dominguez, Florencia Bracamonte

PA4833 **Ultralow dose 4-dimensional computed tomography (4DCT) in children with tracheal disorders: a pilot study**
Molly Skov Romdal (Copenhagen, Denmark), Andreas Leithe, Marika Natalie Rønne, Hans Gustav Hørsted Thyregod, Frederik F Buchvald, Lotte Borgwardt, Kim G Nielsen

PA4834 **Correlation between symptoms and degree of stenosis measured by rotational optical coherence tomography (OCT) in paediatric patients**
Anne Katrine Poulsen (Aarhus, Denmark), Signe Thim, Sune Rubak

PA4835 **Storm after hematopoietic stem cell transplant or silent threat after infection?The two faces of bronchiolitis obliterans**
Sule Selin Akyan Soydaş (ANKARA, Turkey), Murat Yasin Gençoğlu, Salih Uytun, Ece Ocak, Satı Özkan Tabakçı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akça Dinç, Ayyüce Aktemur Ünlü, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Sanem Eryılmaz Polat, Dilber Ademhan Tural, Avni Merter Keçeci, Güzin Cinel

PA4836 **Early lung function assessment in infants with esophageal atresia and tracheomalacia using multiple breath washout (MBW) - The TRALULALA Pilot Study**
Marie Lykke Felby (Copenhagen, Denmark), Marika Nathalie Schmidt, Molly Skov Romdal, Helene Holmark Moeller, Rikke Mulvad Sandvik, Marianne Skov, Frederik Buchvald, Kim G. Nielsen

PA4837 **Effective Flexible Bronchoscopy in Cardiac Children in Paediatric Critical Care.**
Charlotte Rampton (Abingdon (Oxfordshire), United Kingdom), Stacy Nzoka, Lucy Everitt, Michael Griksaitis, Oliver Ross

PA4838 **Flexible replaces rigid bronchoscopy for paediatric foreign body removal - a comparative analysis of past and contemporary practice**
Uros Krivec (Ljubljana, Slovenia), Katja Kovač, Malena Aldeco, Dušanka Lepej, Paola Pascolo, Marina Proaprotnik, Jasna Rodman Berlot, Gaja Setnika Kimovec, Saša Šetina Šmid, Aleksandra Zver, Jelena Berger, Boris Greif

PA4839 **Surgical and clinical outcomes in Danish children with congenital pulmonary malformation**
Dalia Karzoun (Aarhus, Denmark), . Cpm Research Group, Elisabeth Søgaard Christiansen, Frederik Fouirnaies Buchvald, Kim Gjerum Nielsen, Sune Leisgaard Mørck Rubak

PA4840	**Vaccine Hesitancy Among Caregivers: Differences Between Caregivers of Children With and Without Chronic Lung Disease** Beste Özsezen (Ankara, Turkey), Ozlem Uzum, Cansu Melis Yıldız, Nevin Uzuner
PA4841	**Pediatric Idiopathic Pulmonary Hemosiderosis: an endless challenge** Nicolò Garancini (Milano, Italy), Giulia Canali, Giulia Grillo, Andrea Farolfi, Michele Ghezzi, Marco Morelli, Salvatore Zirpoli, Alessandro Campari, Francesca Izzo, Stefania Ferrario, Andrea Antonio Ianniello, Mario Petrillo, Fiammetta Zunica, Gian Vincenzo Zuccotti
PA4842	**Chylothorax in Gorham-Stout Disease: Case Report and Systematic Review** Susana Ruiz (Marbella, Spain), María Del Carmen Morillo
PA4843	**Plastic bronchitis mimicking foreign body aspiration in a child-case report** Ilija Kirovski (Skopje, North Macedonia), Vili Stamkova
PA4844	**Impact of prone positioning on sleep and respiratory outcomes in infants with Pierre Robin sequence, a prospective study.** Stephanie Krayem (cergy, France), Laurianne Coutier, Aurore Guyon, Pauline Adnot, Sonia Ayari, Sébastien Blanc, Carole Egron, Agnès Giuseppi, Lucie Griffon, Amira Harrache, Eglantine Hullo, Robin Pouyau, Marine Thieux, Brigitte Fauroux, Veronique Abadie, Patricia Franco
PA4845	**Unraveling the airway enigma: a case series of pediatric plastic bronchitis with diverse presentations and outcomes** Özge Ülgen (İstanbul, Turkey), Sinem Can Oksay, Begum Yoruk, Gulay Bilgin, Saniye Girit
PA4846	**Prevalence of airway abnormalities in children with Down Syndrome in Nottingham** Nik Muhammad Syakir Nik Ishak (Nottingham, United Kingdom), Andrew Prayle, Mat Daniel, Rebecca Devaney, Matthew Hurley, Jayesh Bhatt, Elizabeth Marder, Anastasia Michael, Muhammad Zulkifli

PS-24 Session 408 08:00 - 09:30

Poster session: Thoracic highlights

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Pulmonary vascular diseases

Method(s) : Surgery | Imaging | General respiratory patient care | Pulmonary rehabilitation | Palliative care | Endoscopy and interventional pulmonology | Public health

Chairs : Sara Ricciardi (Rome, Italy), Chair to be confirmed

PA4847	**Surgical approaches in the treatment of spontaneous pneumothorax** Ioannis Karampinis (Athens, Greece), Georgia Hardavella, Ioannis Kyritsis, Antonios Katsipoulakis, Nikolaos Anastasiou
PA4848	**Knowledge and Awareness of AI Applications in Pulmonary Health Among Chest Diseases and Thoracic Surgery Physicians** Neslihan Özçelik (Rize, Turkey), Gizem Özçıbık Işık, Hasan Volkan Kara
PA4849	**EFFECT OF THORACIC JOINT MOBILIZATION AFTER POSTEROLATERAL THORACOTOMY ON RESPIRATORY FUNCTION** Neriman Temel Aksu (Antalya, Turkey), Hakan Keskin
PA4850	**Evaluation of the effect of neurophysiological facilitation techniques after open heart surgery** feyza merakli (Istanbul, Turkey), Yasemin Buran Cirak
PA4851	**Surgical management and approaches to bilateral lung tumors in Uganda.** Treasure Ibingira (kampala, Uganda), Irene Najjingo, Grace Soka, Margaret Mbabazi, Faezeh Afsari, Immaculate Nankya, Robert Lukande, Harriet Kisembo, Simon Kasasa, James Hale, Fredrick Schumacher, Esther Ngadaya, Sayoki G. Mfinanga, Bruce Kirenga, Stanton Gerson
PA4852	**Twice as effective? Redo Pressurized Intra-Thoracic Aerosol Chemotherapy for pleural mesothelioma** raffaele guerrieri (pisa, Italy), Maria Giovanna Mastromarino, Elena Guerrini, Gianmarco Elia, Alessandra Lenzini, Stylianos Korasidis, Vittorio Aprile, Greta Alì, Marcello Carlo Ambrogi, Marco Lucchi
PA4853	**Clinical outcomes of unisurgeon video-assisted thoracoscopic lobectomy: A single-center retrospective study** Güntuğ Batıhan (Çanakkale, Turkey)
PA4854	**Surgical Management of Pulmonary Cystic Adenoid Malformations: A 2011-2024 Retrospective Review of Late Diagnoses** Aymen Labidi (tunis, Tunisia), Amima Abdelkbir, Hazem Zribi, Imen Bouacida, Mahdi Abdennadher, Sarra Zairi, Adel Marghli

PA4855	**Pregnancy-associated lung cancer: a clinical challenge and a dilemma** Kalliopi Athanassiadi (Athens, Greece), Eleftheria Mizi, Ioanna Sigala, Konstantinos Eleftheriou, Aikaterini Katsandri, Theodoros Tegos
PA4856	**Case series: Our Experience of 3D printed stents for Benign Airway Conditions** Aisling Murphy (Dublin, Ireland), James O'Connor, Karen Redmond, Joseph Lula Lukadi
PA4857	**Surgical management of pulmonary arteriovenous malformations: A case series and review of treatment strategies** Wifek Saidani (Ariana, Tunisia), Amina Abdelkebir, Hazem Zribi, Mehdi Abdennadher, Jawhar Souilhi, Sarra Zairi, Adel Marghli
PA4858	**PCA – Patient controlled anaesthesia in thoracic surgery; offering a multifactorial approach** Ioannis Karampinis (Athens, Greece), Georgia Hardavella, Ioannis Kyritsis, Antonios Katsipoulakis, Nikolaos Anastasiou
PA4859	**Benign costal lesions: should we always remove?** Sarra Zairi (Tunis, Tunisia), Majd Saoudi, Mariem Hadj Dahmen, Amina Abdelkbir, Emna Brahem, Sonia Ouerghi, Hazem Zribi, Aida Ayadi, Taher Mestiri, Adel Marghli
PA4860	**Atypical Extension of Severe Mediastinitis to the Chest Wall** Mouad Gourti (Agadir, Morocco), Mohammed Hachmi, Fz Ammor, Imane Lefqih, Mouhssin Makloul, Elmehdi Maidi
PA4861	**Uniportal VATS (UVATS) for Mediastinitis** Sebastiano Di Stefano (Catania, Italy), Marco Carmelo Guarnera, Simone Scalia, Maria Clara Guarnera, Ainis Pirtnieks, Waleed Saleh, Kaleed Al Khattan, Marcello Migliore
PA4862	**Surgical Management of Pulmonary Metastases from Colorectal Adenocarcinoma: Outcomes and Clinicopathological Insights** Majd Saoudi (tunis, Tunisia), Sarra Zairi, Maryem Haj Dahmen, Amina Abdelkbir, Emna Brahem, Sonia Ouerghi, Hazem Zribi, Aida Ayedi, Taher Mestiri, Adel Merghli
PA4863	**Lung resection in patients with pulmonary arteriovenous malformations** Feriel Souissi (Tunis, Tunisia), Mahdi Abdennadher, Sabrine Louhaichi, Amina Abdelkebir, Saoussen Hantous, Sonia Ouerghi, Hazem Zribi, Adel Marghli
PA4864	**Safety and feasibility of uniportal VATS for lung metastasectomy and mediastinal lymph node sampling, a single center experience** Abdullah Bahadi (Riyadh, Saudi Arabia), Asser Mohamed, Turki Alharbi, Nizar Alhutaylah, Wael Ahmed, Mahmoud Hashim, Ayman Arbaeen, Amal Abdulhaq, Turki Alhawiti, Hasan Robaidi, Waleed Saleh, Khaled Alkattan, Marcello Migliore
PA4865	**Special Findings of Thoracic Surgery in Patients with a History of Tuberculosis.** Aysel Aslanova (Baku, Azerbaijan), Irada Akhundova, Elcan Mammedbekov, Gulzar Alieva, Barat Bayramov, Agca Abbasova
PA4866	**Secondary tumors of the chest wall : about 16 cases.** MANSOUR FEKKAK, Achour Boussafsaf

PS-25 Session 409 08:00 - 09:30

Poster session: Exercise interventions in chronic respiratory diseases

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Respiratory critical care | Thoracic oncology

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Public health | Pulmonary function testing | Respiratory intensive care

Chairs : Elena Gimeno-Santos (Barcelona, Spain), Tristan Bonnevie (Saint Léger Du Bourg Denis, France)

PA4867	**Outpatient pulmonary rehabilitation only once a week for patients with COPD: A prospective cohort study** Akira Tamaki (Kobe, Japan), Yohei Kubori, Yuji Yasuda
PA4868	**The effect of supplemental oxygen on tissue oxygen saturation during exercise in patients with Interstitial Lung Disease** Ryusei Yamamoto (Hamamatsu, Japan), Shinichi Arizono, Yuichi Tawara, Tomoya Yamaguchi, Tomoya Omura, Kaho Sato, Yurina Yokoyama, Katsuya Yamauchi, Takahumi Suda
PA4869	**Short- and long-term response and baseline association to pulmonary rehabilitation in 1,539 COPD patients** Isis Van Raemdonck (Berchem, Belgium), Yara Vanuytrecht, Janne Van Waterschoot, Dirk Vissers, Thérèse Lapperre, Henrik Hansen

PA4870	**A randomized placebo-controlled trial on the effects of supplemental oxygen therapy during cycle endurance test in patients with COPD** Erik Willems (St.Gallen, Switzerland), Spencer Rezek, Swantje Beyer, Mona Lichtblau, Martijn Spruit, Silvia Ulrich, Stéphanie Saxer
PA4871	**Effects of clinical pilates program on exercise capacity, respiratory function, and quality of life in patients with interstitial lung disease (ILD)** Seda Karaca (Rize, Turkey)
PA4872	**The minimal clinically important difference in physical activity among people with asthma** Fabiano de Lima (São Paulo, Brazil), Juliana Dos Santos, Rosana Agondi, David Pinheiro, Yan De Oliveira, Regina Carvalho-Pinto, Celso Ricardo Fernandes Carvalho
PA4873	**An updated systematic review on telemedicine-based exercise interventions for people with cystic fibrosis** Cigdem Emirza Cilbir (Ankara, Turkey), Ben Bowhay, Manon Kinaupenne, Owen William Tomlinson
PA4874	**Usual-care interval exercise training following lung transplantation: a quasi-experimental study.** Monique Messaggi Sartor (Barcelona, Spain), Marta Amor-Barbosa, Ana Mora-Cabañero, Cristina De Fuentes-Miret, Fernanda Salazar-Pérez, Vanesa Dávalos-Yerovi, Marcio Vinicius Fagundes-Donadio, Alba Gomez-Garrido
PA4875	**Home-based Inspiratory muscle training program in patients with Maroteaux-Lamy syndrome (rare disease): randomized clinical trial** Bárbara Bernardo Figueirêdo (Petrolina, Brazil), Cyda Reinaux, Juliana Fernandes, Daiara Xavier, Harrison Euller, Helen Fuzari, Taylline Gusmão, Giovanna Cavalcanti, Antonio Sarmento, Paulo Magalhães, Armèle Dornelas De Andrade
PA4876	**The relationship between upper extremity endurance and exercise capacity, respiratory muscle strength, and patient clinic in patients with chronic obstructive pulmonary disease: preliminary results** Begum Unlu (Istanbul, Turkey), Esra Arslan, Esra Yazar, Aysel Yıldız Özer
PA4877	**A home-based, multimodal therapy program for better quality of life in COPD patients with Alpha-1 antitrypsin deficiency (AATD) – A PROMISing approach for use in practice.** Inga Jarosch (Schönau am Königssee, Germany), Tessa Schneeberger, Rainer Gloeckl, Sabrina Hasenknopf, Thomas Schmiediche, Silke Benedix, Nora Waßmuth, Ariane Lerch, Andreas Rembert Koczulla
PA4878	**Effects of home-based exercise in lung, head and neck cancer: a RCT** Karina Souza (Presidente Prudente, Brazil), Isis Grigoletto, Paloma Borges, Matheus Pedroso, Isabela Duarte, Karina Pozo, Fabiano Francisco De Lima, Carlos Augusto Marçal Camillo, Nara Ielo, Vinicius Cavalheri, Ercy Mara Cipulo Ramos
PA4879	**The effects of upper-extremity high-intensity interval exercise training on maximal exercise capacity, muscle oxygenation, dyspnea and fatigue in patients with interstitial lung diseases** Nazire Nur Yıldız (Niğde, Turkey), Meral Boşnak Güçlü, Riad Bejta, Nilgün Yılmaz Demirci
PA4880	**Fidelity, feasibility and patient-reported effects after 3-months of breathing training in asthma: an implementation study** Karen Hjerrild Andreasson (Næstved, Denmark), Uffe Bodtger, Cecilie Lindström Egholm, Hanne Rasmussen, Anne Dalhoff Pedersen, Søren Thorgaard Skou
PA4881	**OTAGO EXERCISE IN ELDERLY COPD PATIENTS :A pilot study** Ayşenur Yilmaz (Denizli, Turkey), Mukaddes Kılınç, Nazlı Çetin, Göksel Altınışık Ergur
PA4882	**Functional or traditional? Investigating acute effects of inspiratory muscle training on muscle oxygenation** Betül Kuz (ANKARA, Turkey), Mustafa Ertuğrul Yaşa, Büşra Nur Fındık, Yakup Arslan
PA4883	**Efficacy of interactive videogame therapy in patients with interstitial lung disease** Özge Ertan Harputlu (İstanbul, Turkey), Melike Sarıtaş Arslan, Aysel Yıldız Özer, Goksen Kuran Aslan, Züleyha Bingöl, Gülfer Okumuş
PA4884	**Effects of elastic tape on pulmonary rehabilitation in COPD: An RCT** Juliana M. B. Santos (São Paulo, Brazil), Thiago F. Pinto, Estefane C. M. Reis, Cibele C. B. Marques Da Silva, Fabiano F. De Lima, Regina M. Carvalho-Pinto, Celso R. F. Carvalho
PA4885	**The effects of breathing exercises and postural exercises via telerehabilitation on respiratory parameters, posture, and quality of life in young adults with asthma.** Irmak Sıla Çetinel (İstanbul, Turkey), Beyda Ceyran, Elmas Teker, Elif Develi, Eda Urhun
PA4886	**Comparison of the effects of inspiratory muscle training with trigger system modification and external device in mechanically ventilated patients** Mehmet Burak Uyaroglu (İSTANBUL, Turkey), Esra Pehlivan, Hasan Kocoglu, Hatice Kutbay Özcelik

PS-26 Session 410 08:00 - 09:30

Poster session: Enhancing respiratory health: the role of mind and muscle

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Pulmonary rehabilitation | Public health | General respiratory patient care | Pulmonary function testing | Physiology | Respiratory intensive care

Chairs : Wendy Darlene Reid (Toronto (ON), Canada)

PA4887	**Low muscle strength is related with worse clinical outcomes in one year in people with bronchiectasis** Joice Mara Oliveira (Belmont, Australia), Amber Smith, Vanessa Clark, Peter Gibson, Vanessa Mcdonald
PA4888	**Tissue Oxygen Saturation of the Quadriceps Muscle in Patients with Interstitial Lung Disease** Shinichi Arizono (Hamamatsu (Shizuoka), Japan), Ryusei Yamamoto, Yuichi Tawara, Tomoya Yamaguchi, Kaho Sato, Tomoya Omura, Takafumi Suda
PA4889	**Body composition and muscle function in bronchiectasis** Joice Mara Oliveira (Belmont, Australia), Amber Smith, Vanessa Clark, Peter Gibson, Vanessa Mcdonald
PA4890	**Decrease in Muscle Thickness of the Quadriceps and Soleus Muscles in Critically Ill Patients** Shuhei Chiba (kakegawa city, Japan), Shinichi Arizono, Yuichi Tawara, Kazuhiro Kimpara, Ryuji Sugiya, Shota Sawai, Shunya Sakashita, Ryoya Shibamoto, Koji Watanabe, Satoru Matsushima, Kei Asada
PA4891	**Muscle physiological response during exercise in people with severe COPD** Deniz Inal-Ince (Ankara, Turkey), Elif Kocaaga, Aslihan Cakmak-Onal, Duygu Aydin, Oguz Karcioglu
PA4892	**PROGRESSION OF RESISTANCE TRAINING VOLUME IN COPD: A SECONDARY ANALYSIS** Jonas Westman (Umeå, Sweden), Erik Frykholm, Peter Klijn, Didier Saey, Hieronym W.H Van Hees, Per Stål, Sarah Marklund, Mickaël Martin, Thomas Sandström, Francois Maltais, André Nyberg
PA4893	**Effects of exercise-based interventions on peripheral muscle fatigue in people with COPD: Systematic Review and Meta-Analysis** Simone Pancera (Leuven, Belgium), Riccardo Buraschi, Stefano Giuseppe Lazzarini, Paulien Mellaerts, Luca Nicola Cesare Bianchi, Massimiliano Gobbo, Thierry Troosters
PA4894	**Peripheral muscle function in COPD: A two-year observational study** Simone Pancera (Leuven, Belgium), Heleen Demeyer, Paulien Mellaerts, Victoria Alcaraz-Serrano, Paula Alvarez, Claudia Armengol, Astrid Blondeel, Joren Buekers, Sara C Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Alícia Josa-Culleré, Anja Frei, Elena Gimeno-Santos, Nick Hopkinson, Emily Hume, Carl-Philipp Jansen, Anne Kirsten, Sarah Koch, Dimitrios Megaritis, Alexis Perkins, Keir Philip, Milo A Puhan, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Parris Williams, Judith Garcia-Aymerich, Thierry Troosters
PA4895	**Is cognitive function, disease severity or quality of life related to dual tasking in COPD?** Manjiri Kulkarni (Toronto, Canada), Megha Ibrahim Masthan, Ali Salman Al-Tamimi, Josh Shore, Paul W Davenport, Jennifer L Campos, W. Darlene Reid, Dmitry Rozenberg
PA4896	**Comparison of cognitive skills, hand functions, and quality of life in elderly bronchiectasis patients with healthy peers** Hilal Denizoglu Külli (Istanbul, Turkey), Venhar Hilal Bas, Hikmet Ucgun, Meltem Kaya, Hamza Ogun
PA4897	**The effectiveness of dual-task exercises in individuals with chronic obstructive pulmonary disease: preliminary results** Begum Unlu (Istanbul, Turkey), Aysel Yıldız Özer, Elif Yıldırım, Ipek Ozmen, Mine Gulden Polat
PA4898	**Relationship between clinical parameters, cognitive functions and dual task performance in patients with COPD** Begum Unlu (Istanbul, Turkey), Aysel Yıldız Ozer, Elif Yıldırım, Ipek Ozmen, Mine Gulden Polat
PA4899	**Associations of cognitive and quadriceps function in persons with COPD: a preliminary cross-sectional analysis** Dries Cops (Hasselt, Belgium), Johan Jakobsson, Jonas Westman, Thomas Sandström, Marc Daenen, David Ruttens, Jana De Brandt, André Nyberg, Chris Burtin
PA4900	**Effects of adding neuromuscular electrical stimulation for quadriceps femoris and triceps surae muscles to pulmonary rehabilitation in patients with COPD: randomized clinical trial.** Loïc Peran (Morlaix, France), Anne Cécile Berriet, Catherine Leber, Eloïse Philippe, Emmanuelle Courtois-Communier, Maëlys Leroy, Francis Couturaud, Marc Beaumont
PA4901	**Relationship between peripheral muscle strength and cardiorespiratory fitness in advanced asthma** Aydan Asli Aksel-Uylar (Ankara, Turkey), Melek Cihanbeylerden, Merve Firat, Melda Saglam, Ebru Damadoglu, Naciye Vardar Yagli

PA4902 **Investigation of the relationship between peripheral and swallowing muscles strength in COPD**
Ayşe Kübra SÖYLER (Aydın, Turkey), Şenay Demir Yazici

PA4903 **Correlation of the body weight–walking distance with health-related quality of life in patients with COPD: A comparative study with the 6-minute walk distance**
Ridvan Aktan (Balcova (İzmir), Turkey), Sevgi Özalevli, Aylin Özgen Alpaydın

PA4904 **The relationship between disease severity and mortality risk in critical care patients with respiratory muscle strength, muscle biomechanical properties and muscle architecture**
Beyza Tanriogen (İstanbul, Turkey), Saadet Ufuk Yurdalan, Kubra Kardes, Elif Kabasakal, Hakan Parlak, Nurgul Durustkan Elbasi, Gul Deniz Yilmaz Yelvar

PA4905 **An investigation of posture and trunk movement and kinematics in patients with COPD.**
aynur demirel (ankara, Turkey), Oguz Karcioglu, Hidaye Yamikan, Irem Seleoglu

PA4906 **Changes in Muscle Oxygenation, Strength, and Functional Capacity in Patients Hospitalized for COPD Exacerbation**
Gülhan Yilmaz Gökmen (Istanbul, Turkey), Canan Demir, Dilber Durmaz

PS-27 Session 411 08:00 - 09:30

Poster session: Integrated approaches to diagnosing and characterising respiratory infections

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Epidemiology Public health General respiratory patient care Cell and molecular biology Endoscopy and interventional pulmonology Imaging Surgery Respiratory intensive care

Chairs : Francesco Blasi (Milan, Italy), Melissa McDonnell (Oranmore (Co Galway), Ireland)

PA4907 **Thoracic Hydatidosis in 26 Cases**
Soumaya Bouchareb (Ksar Hellal, Tunisia), Nadia Boudawara Keskes, Selma Bouazzi, Nizar Safta, Soumaya Chebbi, Chayma Jnayeh, Hana Dhieffallah, Leila Boussoffara

PA4908 **Thoracic Migration of Hepatic Hydatid Cysts: A Study of 63 Cases**
amina abdelkbir (ben arous, Tunisia), Fatma Inched Jemal, Imen Bouassida, Hazem Zribi, Hanen Smadhi, Nizar Fitouhi, Adel Marghli

PA4909 **Long term outcomes of patients with Nocardia growth in sputum**
Raya Cohen (Yodfat, Israel)

PA4910 **Removal of biofilm from endotracheal tubes and antibacterial effect in mucoid and non-mucoid Pseudomonas Aeruginosa**
David L. Morris (, Australia), Sarah Valle, Pooja Narang, Frank Van Haren, Mathew Eapen

PA4911 **Association of clusters of Streptococcus pneumoniae serotypes with new onset atrial fibrillation and mortality in adults with bacteremic pneumococcal pneumonia**
Luis Alberto Ruiz Iturriaga (Barakaldo (Vizcaya), Spain), Francisco Sanz Herrero, Ainhoa Gomez Bonilla, Silvia Perez-Fernandez, Noelia Carrion Collado, Ane Uranga Echeverria, Beatriz Gomez Crespo, Marta Garcia Clemente, Estrella Fernandez Fabrellas, Leyre Serrano Fernandez

PA4912 **Major Cardiovascular Events in COPD Patients with pneumococcal infection. A nationwide self-controlled case series study.**
Pradeesh Sivapalan (Gentofte, Denmark), Nicoline Meyer Riisberg, Daniel Modin, Barbara Bonnesen Bertelsen, Josefin Eklöf, Jonas Bredtoft Boel, Christian Østergaard, Ram Benny Dessau, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen

PA4913 **Persistent Bacterial Bronchitis (PBB) in adults is associated with the presence of Pseudomonas aeruginosa and high prophylactic antimicrobial use.**
Pedro Viegas (Vila Nova de Gaia, Portugal), Patrick Senior, Michael R Loebinger, Ricardo José, Janet Stowell, Aran Singanayagam, Anand Shah

PA4914 **Enhanced detection of antimicrobial resistance and pathogen spectrum in acute exacerbations of COPD with pneumonia: Insights from multiplex real-time PCR and conventional methods**
Huu Y Le (Taoyuan, Taiwan), Jim-Tong Horng

PA4915 **Streptococcus pneumoniae infection in COPD patients in the high dependency pulmonary unit: effectiveness of first choice antibiotic therapy**
Veronika Müller (Budapest, Hungary), Zsombor Matics, Soma Lernyei, Katalin Kristof, Gyorgyi Csosza

PA4916 **The effectiveness and safety between colistin-based and high-dose ampicillin/sulbactam-based combination antibiotic therapy for hospital-acquired pneumonia caused by Carbapenem-resistant Acinetobacter baumannii pneumonia**
Myung Goo Lee (Chuncheon, Republic of Korea)

PA4917 **The role of BAL in pneumonia: a single-center retrospective study in the last year.**
Marianna Russo (PAVIA, Italy), Lucrezia Pisanu, Maria Arminio, Klodjana Mucaj, Lorenzo Arlando, Francesco Rocco Bertuccio, Emanuela De Stefano, Elisabetta Gallo, Ilaria Giana, Simone Montini, Mitela Tafa, Valentina Conio, Giulia Maria Stella, Angelo Guido Corsico

PA4918 **Nationwide trends and characteristics of M. pneumoniae pneumonia epidemics from 2018 to 2024.**
Mi-Hee Lee (Suwon, Republic of Korea), Yoon Ha Hwang, Hyo-Bin Kim, Jeong Hee Kim, Eun Lee, Eun-Ae Yang, Sujeong Kim, Sungsu Kim, Jin-A Jung, Hyun-Il Gil, Min Su Oh, Yechan Kyung, Seungtaek Yu, Soo Jin Lee, Kun Baek Song, Hee Sun Park, Jisun Yoon, Yang Park, Minji Kim, Seonn Sook Han, Yoon Young Jang, You Hoon Jeon, Jung Yeon Shim, Sun Young Yoon, Ki-Hyun Seo, Jin Young Kim, Ji-Hye Lee, Myongsoon Sung, Eun Kyeong Kang, Kyunghoon Kim, Hyeon-Jong Yang, Bong-Seong Kim, Hye Mi Jee, Jun Hyeok Lim, Jeong-Seon Ryu, Woo Kyung Ryu, Yong Ju Lee, Seong Mi Moon, Ju-Hee Seo, Eun-Seok Yang, Yong Sup Na, Do Sik Moon, Geumju Choi, Bong Seok Choi, Jin-Sung Park, Sang Hyuk Ma, Ji Young Lee, Eun Hee Chung, P R E D Pneumonia And Respiratory Disease Study Group

PA4919 **Microbiological study (MS) of sputum from hospitalized adult patients with community acquired pneumonia (CAP) and chronic obstructive pulmonary disease (COPD)**
Maksym Labutkin (Vinnytsia, Ukraine), Ivanna Voloschuk, Alina Dovgan

PA4920 **Diagnostic Potential of AI-driven mRNA Host-Response in Bacterial LRTI**
Andreas Hoheisel (Freiburg, Germany), Leticia Grize, Kathleen Jahn, Nina Khanna, Matthias Josef Herrmann, Andrei M Darie, Silvio Ragozzino, Sabine Kuster, Werner Strobel, Hans Hirsch, Michael Tamm, Daiana Stolz

PA4921 **Can Fractional Exhaled Nitric Oxide Levels Serve as a Marker for Determining Disease Severity in Community-Acquired Pneumonia?**
Büşra Nur Şener (mersin, Turkey), Cengiz Özge

PA4922 **The relationship between the length of hospitalization and sodium level and CRP/albumin ratio in patients hospitalized with pneumonia**
Feride Marım, Ilknur Kaya, Omer Faruk Tekin, Sebnem Emine Parspur, Mehmet Doğan, Beyza Kaya, Umran Erbay

PA4923 **Determination the frequency of drug-resistant causative pathogens and associated risk factors in Non-ICU HAP ("TR-HAP study")**
Ezgi Demirdogen (Bursa, Turkey), Ebru Çakıredis, Sedat Çiçek, Deniz Kızılırmak, Ayşin Şakar Coşkun, Aylin Pıhtılı, Esra Geçgel, Buğra Kerget, Burcu Baran, Levent Özdemir, Buket Mermit, Fatma Tokgöz Akyıl, Özge Oral Tapan, Tuğba Önyılmaz, Dorina Esendağlı, Aykut Çilli, Eylem Sercan Özgür, Bilge Yılmaz Kara, Tuğberk Türkoğlu, Ali Cem Yekdes, Savaş Gegin, Utku Tapan, Sena Şahin, Gökhan Altan, Şermin Börekçi, Aslı Görek Dilektaşlı, Büşra Nur Şener

PA4924 **CLINICAL PHENOTYPES OF SEVERE PNEUMONIA: CLINICAL PRESENTATION IN CORRESPONDANCE TO AUTOPSY RESULTS**
Kseniia Bielosludtseva (Dniepropetrovsk, Ukraine), Mariia Krykhtina, Olha Shchudro, Karina Rybalka, Liudmyla Konopkina, Tetyana Pertseva, Nataliia Habshydze, Oleksandr Bondarenko

PA4925 **Usefulness of blood urea nitrogen to serum albumin ratio for the prediction of intensive care need among patients admitted with community-acquired pneumonia.**
Sheikh Nazmul Islam (Dhaka, Bangladesh), Golam Sarwar Bhuiyan, Md. Monirozzaman, Md. Hamza, Md. Shafiqul Islam, Md. Shahabul Basar, Sadia Amin

PA4926 **Clinico-radiological parameters, diagnostic challenges and outcomes of pulmonary mucormycosis in a tertiary care center**
CHALIKI SANTOSHI DEVI (Peddapuram, India), Viswesvaran Balasubramaniann, Ramya Reddy Mallipeddi

PS-28 Session 412 08:00 - 09:30

Poster session: Bronchiectasis: patient-centred outcomes and therapy

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Epidemiology Public health Cell and molecular biology

Chairs : Yeon Mok Oh (Seoul, Republic of Korea), William Flowers (Oxford, United Kingdom)

PA4927 **Performance of artificial intelligence answering questions on disease management from people with bronchiectasis: results from the AIR-BE study.**
Mattia Nigro (Milan, Italy), Andrea Aliverti, Alessandra Angelucci, Apostolos Bossios, Hilary Pinnock, Jeanette Boyd, Pippa Powell, Michal Shteinberg, James D. Chalmers, Stefano Aliberti

PA4928 **Pan-European validation of the Bronchiectasis Health Questionnaire: data from the EMBARC-BRIDGE study**
Arietta Spinou (London, United Kingdom), Holly Lind, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James D Chalmers

PA4929	**A prospective UK study to evaluate the bronchiectasis impact measure in patients with bronchiectasis: data from the EMBARC-BRIDGE study** Holly Lind (DUNDEE, United Kingdom), Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James Chalmers, Arietta Spinou
PA4930	**Linking daily symptoms to exacerbations in bronchiectasis: findings from the Bronchiectasis Health Questionnaire** Charlotte Schou (Svenstrup J, Denmark), Peter Ascanius Jacobsen, Ulla Møller Weinreich
PA4931	**Evaluating the role of telerehabilitation in managing bronchiectasis: a randomized study** Büşra Öçal (Ankara, Turkey), Esra Pehlivan, Elif Yelda Özgün Niksarlıoğlu
PA4932	**Effectiveness of pulmonary rehabilitation in bronchiectasis patients: comparing airway clearance device and physical activity** Fabrizia La Torre (, Italy), Michela Salvemini, Pasquale Tondo, Donato Lacedonia, Ernesto Giuffreda, Dalila Pescatore, Maria Pia Foschino Barbaro, Giulia Scioscia
PA4933	**Sex and gender in bronchiectasis: an analysis of two Italian centres and a review of literature** Ilaria Giana (Pavia, Italy), Pasquale Tondo, Giulia Scioscia, Maria Pia Foschino Barbaro, Donato Lacedonia, Valentina Conio, Lucrezia Pisanu, Simone Montini, Lorenzo Arlando, Maria Arminio, Klodjana Mucaj, Marianna Russo, Mitela Tafa, Elisabetta Gallo, Emanuela De Stefano, Francesco Bertuccio, Angelo Guido Corsico, Giulia Maria Stella
PA4934	**Steady state signs and symptoms of bronchiectasis in an international multicentre cohort: the 4S study** Mattia Nigro (Milan, Italy), Edoardo Simonetta, Veronica Polelli, Paola Scarano, Angela Tramontano, Alessandro De Angelis, Jin-Fu Xu, Francesco Blasi, Andrea Gramegna, Giovanna Elisiana Carpagnano, Vittoria Comellini, Paola Faverio, Valentina Conio, Donato Lacedonia, Hayoung Choi, Raja Dhar, Salvatore Battaglia, Claudia Crimi, Martina Bonifazi, Henil Upadhyay, Anthony De Soyza, Oriol Sibila, James D. Chalmers, Stefano Aliberti
PA4935	**Probabilistic modelling to mitigate AMR development in bronchiectasis – an AMR-Lung study** Ollie Pitts (London, United Kingdom), Till Othmer, Chiara Premuda, Yuan Zhilling, Mattia Nigro, Nikolas Johl, Arafa Aboelhassan, Safaa Eid, Sarah Hashem, Noha Khalil, Oto Melter, Pavel Drevinek, Rishi Dhillon, Irfan Shafiq, Nilufer Acet, Ozge Aydin Guclu, Jamie Duckers, Wang Chun Kwok, Stefano Aliberti, Andrea Gramagna, Stephanie Thee, Freddy Frost, Anand Shah
PA4936	**Association between participation in the German Bronchiectasis Registry (PROGNOSIS) and improvement in the course of disease** Pontus Mertsch (Munich, Germany), Jessica Rademacher, Felix C. Ringshausen, Sutharsan Sivagurunathan, Gernot Rohde, Annegret Zurawski, Sarah Sieber, Grit Barten-Neiner, Nina Adaskina, Isabell Pink
PA4937	**Urinary and fecal dysfunction in bronchiectasis patients: a pilot study** Martina Santambrogio (Milano (MI), Italy), Angela Bellofiore, Andrea Gramegna, Emilia Privitera, Francesco Blasi
PA4938	**Airway CD10/neprilysin is related to lung function and disease severity in patients with bronchiectasis: Preliminary data from the EMBARC BRIDGE study** Hannah Dickson (Dundee, United Kingdom), Rachel Galloway, Rebecca C Hull, Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raúl Méndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Merete Long, Amelia Shoemark, James D Chalmers
PA4939	**Are postal sputum samples a valid tool for clinical and research applications in bronchiectasis?** Louise Jackson (Liverpool, United Kingdom), David Green, Dan Wootton, Warwick Dunn, Catherine Winder, Dharun Senthil Kumar, Wanchang Lin, Victoria Shaw, Susan Holden, Dilip Nazareth, Dennis Wat, Phil Mitchelmore, Ilona Littler, Kamlesh Mohan, Jo Fothergill, Frederick Frost
PA4940	**Bronchiectasis Patients' awareness on RSV-LRTI and attitude to vaccination.** Virginia Santello (Padova, Italy), Kristi Mustaqe, Eleonora Ruzzini, Francesca Boscaro, Beatrice Scapolan, Laura Natoli, Gioele Castelli, Mariaenrica Tine, Umberto Semenzato
PA4941	**Characterising adult Primary ciliary dyskinesia (PCD) in the EMBARC-BRIDGE cohort** Amelia Shoemark (Dundee (Angus), United Kingdom), Holly Lind, Kateryna Viligorska, Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, James Chalmers

PA4942 **Validation of bronchiectasis patient reported outcome measures in adults with primary ciliary dyskinesia: Data from the EMBARC-BRIDGE study and BEAT-PCD**
Amelia Shoemark (Dundee (Angus), United Kingdom), Michael Loebinger, Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Holly Lind, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Arietta Spinou, Felix Ringshausen, James Chalmers

PA4943 **Volatile organic compounds in patients with primary ciliary dyskinesia with or without prophylactic azithromycin**
Akash Singh (Nieuw-Vennep, Netherlands), Joël Israëls, Josje Altenburg, Els Weersink, Eric Haarman, Anke-Hilse Maitland - Van Der Zee, Paul Brinkman

PA4944 **Ethnicity and socioeconomic status have no impact on longitudinal spirometry trend for children and young people (CYP) with non-cystic fibrosis bronchiectasis (NCFB)**
Jui Prashant Andharia (Birmingham, United Kingdom), Rahul Sharma, Thomas Telford, Hollie Smith, Christopher Hine, Prasad Nagakumar, Priti Kenia

PA4945 **Inhaled Antibiotic Therapy in Patients with COPD and Chronic Bronchial Infection (CBI) by P. aeruginosa: Mortality Analysis Based on Eradication vs. Persistence of CBI**
Fredy Bustamante Villanueva (Barcelona, Spain), Fabiana Cusati De Andrade, Fernando Gutiérrez Pereyra, Oriol Caritg Cicera, Esther Barreiro Portela, Eva Tabernero Huget, Roser Costa Sola, Marta María García Clemente, Nuria Celorrio Jiménez, Laura Rodríguez Pons, Carmen Calero Acuña, Juan Luis Rodríguez Hermosa, Miguel Ángel Martínez García, David De La Rosa Carrillo

PA4946 **Interleukin-17C governs interleukin-17A pathogenicity and orchestrates asthma endotype switching in bronchiectasis.**
Jin-fu Xu (Shanghai, China), Yu-Wei Zhang, Yu-Hua Wen, Ling Yang, Ying-Zhou Xie, Dong Weng, Xi-Yue Shen, Jing-Ge Ma, Hai-Wen Lu, Xiao-Li Sun, Shu-Yi Gu, Bei Mao, Ai Ge, Yue Su, Fang Jiang, You-Cun Qian

PS-29 Session 413 08:00 - 09:30

Poster session: Bronchiectasis: immunology, biomarkers, molecular profiles and targeted therapy

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Physiology General respiratory patient care Epidemiology

Chairs : Eva Polverino (Barcelona, Spain), Merete Bridget Long (Dundee, United Kingdom)

PA4947 **Efficacy and safety of brensocatib in Japanese patients with non-cystic fibrosis bronchiectasis: Analysis of the ASPEN trial**
Kozo Morimoto (Tokyo, Japan), James D. Chalmers, Pierre-Régis Burgel, Charles L. Daley, Anthony De Soyza, David Mauger, Mark L. Metersky, Chunpeng Fan, Xiangmin Zhang, Yuhei Goto, Ariel Teper, Carlos Fernandez, Naoki Hasegawa

PA4948 **CC16: a biomarker of disease severity and Pseudomonas infection in Bronchiectasis**
Pau Marrades Segura (Badalona (Barcelona), Spain), Xènia Carrizosa, Lídia Perea, Belen Solarat, Núria Mendoza, Pilar Martinez-Olondris, Rosanel Amaro, Miriam Villanueva, Francesc Marco, Alvar Agustí, Rosa Faner, Oriol Sibila

PA4949 **Profiling peripheral blood neutrophils in patients with bronchiectasis: an EMBARC study**
Chloe Hughes (Dundee, United Kingdom), Merete, B Long, Morven Shuttleworth, Holly Lind, Pieter, C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles, C Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix, C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Faisel Khan, Amelia Shoemark, James, D Chalmers

PA4950 **Inflammatory markers in high bacterial load infections in bronchiectasis**
Rebecca C Hull (Dundee, United Kingdom), Hollian Richardson, Holly Lind, Chandani Hennayake, Emma Johnson, Rachel Galloway, Eve Mcintosh, Zsofia Eke, Daniela Alferes De Lima Headley, Jennifer Pollock, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

PA4951 **Stiff circulating neutrophils and enhanced thrombogenic potential in bronchiectasis increases cardiovascular risk**
Rebecca Evans (London, United Kingdom), Sara Nakanishi, Charlotte Carter, Patrick Senior, Rodanthe Nixon, Anand Shah, Aran Singanayagam, Deepa Arachchillage, Andrew Cowburn, Katharine Lodge

PA4952 **Factors related to the epigenetic profile in bronchiectasis**
Lídia Perea (Barcelona, Spain), Julieta Viglino, Belén Solarat, Pau Marrades, Nuria Mendoza, Sandra Casas-Recasens, Pilar Martínez-Olondris, Rosanel Amaro, Alvar Agusti, Amelia Shoemark, Stefano Aliberti, James D Chalmers, Rosa Faner Canet, Oriol Sibila Vidal

PA4953	**Azurocidin-1 induces epithelial dysregulation in airway epithelial cells: implications for bronchiectasis treatment** Max Schwiening (CAMBRIDGE, United Kingdom), Morven Shuttleworth, Erin Cant, Emma Johnson, Daniel Jachimowicz, Damla Etal, Greet De Baets, Sam Strickson, Adnan Azim, James D Chalmers, Amelia Shoemark
PA4954	**Association between neutrophil elastase activity in bronchial lavage fluid and the one-year follow-up exacerbation in bronchiectasis patients** Lam Nguyen Ho (Hồ Chí Minh, Vietnam), Vu Le-Thuong, Ngoc Tran-Van
PA4955	**Neutrophil extracellular traps, disease severity and airway infection in bronchiectasis: preliminary results from the BRILLIANT study** Merete Bridget Long (Dundee, United Kingdom), Emma Johnson, Erin Cant, Lucy Bidgood, Thomas Pembridge, Morven Shuttleworth, Hollian Richardson, Holly Lind, Kateryna Viligorska, Daniela Alferes De Lima Headley, Rebecca C Hull, Eve Mcintosh, Hannah Dickson, Qingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Jamie Stobo, Amelia Shoemark, James D Chalmers
PA4956	**The airway interferon landscape is altered in bronchiectasis and differs according to anatomical site** Joanne McKenzie (London, United Kingdom), Rodanthe E Nixon, Millie M Jackson, Charlotte Carter, Tasnim S Faiez, Patrick Senior, Christopher M Orton, Ley T Chan, Anand Tana, James Tonkin, Marina Kusumoto, Sebastian L Johnston, Justin Garner*, Anand Shah*, Aran Singanayagam*
PA4957	**Expression of activation markers of circulating neutrophils and eosinophils in stable bronchiectasis** Andreas M. Matthaiou (Athens, Greece), Nikoleta Bizymi, Antonia Digalaki, Chrysavgi Kosti, Georgios Pitsidianakis, Katerina Dimakou, Katerina Antoniou, Adamantia Liapikou
PA4958	**Adaptive immunity impairment in bronchiectasis: crosstalk of immunomodulatory cells and lymphocytes** Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece), Andreas M. Matthaiou, Georgios Pitsidianakis, Anastasia Apostolidou, Ioannis Tomos, Marilena Lourou, Ioanna Argyriou, Eirini Vasarmidi, Adamantia Liapikou, Sophia Schiza, Nikolaos Tzanakis, Katerina M. Antoniou
PA4959	**Subgroup analysis: AIRLEAF® Phase II study of a cathepsin C (CatC, or DPP1) inhibitor, BI 1291583, in adults with non–cystic fibrosis bronchiectasis** James D. Chalmers (Dundee (Angus), United Kingdom), Michal Shteinberg, Anne E. O'Donnell, Henrik Watz, Ling Li, Johanna Rauch, Sanjay H. Chotirmall, Naoki Hasegawa, Wiebke Sauter, Abhya Gupta, Marcus A. Mall
PA4960	**Pooled data from Phase II studies (AIRLEAF®, CLAIRLEAF®) of the cathepsin C (CatC, or DPP1) inhibitor BI 1291583 in bronchiectasis** Michal Shteinberg (Haifa, Israel), Wiebke Sauter, Anastasia Eleftheraki, Sanjay H. Chotirmall, Patrick A. Flume, Raksha Jain, Kozo Morimoto, Anne E. O'Donnell, Felix C. Ringshausen, Henrik Watz, Jin-Fu Xu, Johanna Rauch, Oliver Körsgen, Marcus A. Mall, Abhya Gupta, James D. Chalmers
PA4961	**Neutrophil elastase activity following cathepsin C (CatC, or DPP1) inhibition with BI 1291583 in people with bronchiectasis** James D. Chalmers (Dundee (Angus), United Kingdom), Meike Müller, Marcus A Mall, Michal Shteinberg, Frauke Pedersen, Sanjay H. Chotirmall, Pamela J. Mcshane, Abhya Gupta, Anastasia Eleftheraki, Fabian Iltzsche, Wiebke Sauter, Thomas Schlange, Henrik Watz
PA4962	**Distinct IL-1β and TNF driven inflammatory responses in Non-typable Haemophilus influenzae infection in bronchiectasis** Rachel Galloway (Dundee, United Kingdom), Rebecca C Hull, Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes De Lima Headley, Jennifer Pollock, Eve Mcintosh, Emma Johnson, Morven Shuttleworth, Pieter C Goeminne, Michal Shteinberg, Anthony De-Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers
PA4963	**Efficacy and safety of brensocatib in patients with non-cystic fibrosis bronchiectasis and Pseudomonas aeruginosa infection: Analysis of the ASPEN trial** Stefano Aliberti (Milano (MI), Italy), Pierre-Régis Burgel, Charles L. Daley, Anthony De Soyza, Sebastian Fucile, Xiangmin Zhang, Vivan H. Shih, Ariel Teper, Carlos Fernandez, James D. Chalmers
PA4965	**Effectiveness of mucoactives compared to standard care in adult bronchiectasis: A systematic review** Benjamin McCullough (Belfast, United Kingdom), Judy Bradley, Brenda O'Neill, Bronwen Connolly, Rebecca Mcleese, Dermot Linden, Danny Mcauley, Stuart Elborn, Anthony De Soyza, James Chalmers, Mike Clarke, John Busby
PA4966	**EMBARC-BRIDGE: a representative biorepository to support translational research in bronchiectasis** Morven Shuttleworth (Dundee, United Kingdom), Holly Lind, Kara Robertson, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Rosario Menéndez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Jamie Stobo, Amelia Shoemark, James D Chalmers

PS-3 Session 414 08:00 - 09:30

Poster session: Artificial intelligence, machine learning models and biomarkers for classification, prediction, diagnosis and early detection of respiratory diseases

Disease(s) : Airway diseases Thoracic oncology Respiratory critical care Interstitial lung diseases

Method(s) : Public health Pulmonary function testing Physiology General respiratory patient care Epidemiology Pulmonary rehabilitation Imaging

Chairs : Vitalii Poberezhets (Vinnytsia, Ukraine), Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom)

PA4967	**Smartphone-based lung function measurement using AI-driven vocal biomarkers and acoustic analysis of voice and breathing** Martina Antinozzi (Genzano di Roma, Italy), Giovanni Paoletti, Giovanni Costanzo, Morena Merigo, Francesca Puggioni, Sebastian Ferri, Maria Rita Messina, Fulvio Cordella, Ayana De Brito Martins, Giorgio Walter Canonica, Arianna Arienzo, Enrico Heffler
PA4968	**Spatial and temporal contributions to real-world walking speed adaptations in COPD** Joren Buekers (Barcelona, Spain), Alessandro Pagano, Paula Alvarez, Julia Braun, Clemens Becker, Nunzio Camerlingo, Andrea Cereatti, Silvia Del Din, Laura Delgado Ortiz, Anja Frei, Elena Gimeno-Santos, Sarah Koch, Thierry Troosters, Alison J. Yarnall, Lynn Rochester, Judith Garcia-Aymerich
PA4969	**Optimizing cough frequency assessment: a 7-day monitoring standard** Mindaugas Galvosas (Wilmington, United States), Matthew Rudd, Peter Small
PA4970	**Concurrent validity of smartwatch-based 6-minute walking distance in COPD** Debbie de Graaf (Nijmegen, Netherlands), Alex J. Van 'T Hul, Nienke M. De Vries, Bastiaan R. Bloem, Luc J. W. Evers
PA4971	**A cough sound-based deep learning algorithm for detection of chronic obstructive pulmonary disease with smartphones** Jingwen Huang (Shanghai, China), Jun Zhou, Min Zhou, Jieming Qu
PA4972	**Machine learning-driven lung sound analysis: novel methodology for asthma diagnosis** Ihsan Topaloğlu (Kars, Turkey), Gulfem Ozduygu, Cagri Atasoy, Guntug Batihan, Damla Serce, Mutlu Onur Gucsav, Arif Metehan Yıldız, Turker Tuncer, Sengul Dogan, Prabal Datta Barua
PA4973	**A diagnostic convolutional neural network for classifying muscle oxygenation signals across physical activity states in COVID-19 survivors and healthy people** Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Emily Hume, Lina Bernert, Enya Daynes, Rachael Evans, Sally J Singh, Carlos Echevarria, Yifeng Zeng, Ioannis Vogiatzis, Na On Behalf Of Phosp-R Study Collaborative Group
PA4974	**Application of machine learning to predict bronchiolitis severity in children** Sara Manti (Messina (ME), Italy), Antonella Gambadauro, Matteo Stocchero, Eugenio Baraldi
PA4975	**Specificity, sensitivity and accuracy of generative artificial intelligence chatbots in chest X-ray interpretation** Vitalii Poberezhets (Vinnytsia, Ukraine), Anna Starychenko
PA4976	**The significance of gender-specific characteristics in lung cancer screening.** Anna Tvarkovska (Vinnytsia, Ukraine), Mykyta Pershyn, Alina Dovgan
PA4977	**Harnessing AI to predict asthma exacerbations: a promising frontier in respiratory health** Celeste Pugliaro (Genova, Italy), Saverio Bifulco, Barbara Brugnoli, Benedetta Cavazzutti, Andrea Toniato, Fulvio Braido
PA4978	**Computational phenotyping of COVID-19: Unraveling clinical heterogeneity in a Tunisian cohort.** Ahmed Dhia El Euch (Sfax, Tunisia), Rahma Gargouri, Rim Khemekhem, Nesrine Kallel, Nour Kallel, Walid Feki, Hajer Ayadi, Ilhem Yangui, Sameh Msaad, Najla Bahloul, Nedia Moussa, Samy Kammoun
PA4979	**Using AI to identify chest x rays requiring follow up after pneumonia** David Bruce (London, United Kingdom), Lara Whitmore, Tessa Burchi-Khairy, Andrew Houston, William Ricketts
PA4980	**Synthetic data applications in respiratory research: Enhancing analysis accuracy and patient privacy with EPICOSAI** Arzu Kanik (Mersin, Turkey), Burak Akicier
PA4981	**Deep learning model for segmentation of wheezing in the respiratory sound databases** Kyunghoon Kim (Seoul, Republic of Korea), Sehun Jang, Daehwan Hwang, Sanghoon Lee, June-Woo Kim
PA4982	**Screening COPD by analysing self-recorded breathing sounds: a pilot study** Ivan Juez-Garcia (Lleida, Spain), Ivan D Benítez, Alberto Tena, Francesc Clariá, Ferran Barbé, Francesc Solsona, Jordi De Batlle

PA4983 **Artificial intellengence (AI) and Asthma**
Sarang Patil (Dhule (Maharashtra), India)

PA4984 **Can arteficial intelligence transform chronic respiratory disease management? Insights from the COPD-ALERT project**
Tamas Agh (Esztergom, Hungary), Przemyslaw Kardas, Job F M Van Boven

PA4985 **Improving early lung cancer screening in COPD patients using an AI-developed questionnaire.**
Anna Tvarkovska (Vinnytsia, Ukraine), Mykyta Pershyn, Alina Dovgan

PA4986 **VCScanBot – AI-Driven Chat Bot for Lung X-Rays and Ultrasound to Detect Pulmonary Disease [Prelimimary Abstract]**
Surraya Shams (Karachi, Pakistan), Bilal Ahmed Usmani, M. Naveed Baqir, Khadijah Abid

PS-30 Session 415 08:00 - 09:30

Poster session: Tuberculosis co-morbidity and post-tuberculosis lung disease

Disease(s) : Respiratory critical care | Airway diseases | Thoracic oncology | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Endoscopy and interventional pulmonology | Pulmonary function testing | Epidemiology | General respiratory patient care | Imaging | Public health

Chairs : Gunar Günther (Bremgarten bei Bern, Switzerland)

PA4987 **Cross-cultural reliability of Van Rie TB perceived stigma scale among TB survivors in North India**
Anchal Jain (Rohtak, India), Arup Saha

PA4988 **Opportunistic diagnosis of osteoporosis based on chest computed tomography (CT) data in patients with drug-resistant pulmonary tuberculosis (DR-TB)**
Galyna Gumeniuk (Kyiv, Ukraine), Yuriy Feshchenko, Mykola Lynnyk, Mykola Gumeniuk, Viktoria Ignatieva, Svitlana Opimakh

PA4989 **Pulmonary tuberculosis, hypercoagulable state and venous thromboembolic disease**
Khaled Tlili (Constantine, Algeria), Raouf Zouitene, Redouane Belala, Yacine Djeghri

PA4990 **Post TB Lung Diseases (PTLD) and AI (Artificial Intellegence)**
Sarang Patil (Dhule (Maharashtra), India)

PA4991 **Diagnosis and treatment of BCG-itis among patients treated with intravesical BCG.**
Christian Niels Meyer (Roskilde, Denmark), Bakir N I Al-Jarah, Peter P Benzin, T Freja M Fornander, Juan L Vasquez

PA4992 **Impact of Post-Tuberculosis Lung Disease on Quality of Life: A Prospective Study Using the FACIT-TB Tool**
Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni García-Castro, Luisa Fernanda Sierra, Gloria Stefany Fernandez

PA4993 **Phenotyping with single-dose isoniazid to identify slow acetylators in patients with drug-induced hepatotoxicity**
Cynthia van Arkel (Nijmegen, Netherlands), Ralf Stemkens, Cécile Magis-Escurra, Wouter Hoefsloot, Neeltje Carpaij, Jakko Van Ingen, Arjan Van Laarhoven, Rob Aarnoutse

PA4994 **Diabetes and pulmonary tuberculosis: clinical, radiological and biological aspects**
Soumaya Bouchareb (Ksar Hellal, Tunisia), Nadia Keskes Boudawara, Houda Laaouini, Seif Dhif, Chayma Jneyeh, Mohamed Ali Hlaoui, Hana Dhaifallah, Salma Bouazzi, Soumaya Chebbi, Nizar Safta, Leila Boussoffara

PA4995 **Granulomatous lymphadenitis in Endobronchial Ultrasound: to be or not to be TB?**
Maria João Cavaco (Lisboa, Portugal), Telma Sequeira, Ambrus Szantho, Jorge Dionísio

PA4996 **Impact of small airways disease on reduced oxygen consumption during exercise in adults with post-tuberculosis lung disease**
Isabela Aziz (Niteroi, Brazil), Isabela Tamiozzo Serpa, Marcela Pinto Venâncio Lourenço Da Silva, Paulo Vitor Leandro Da Silva Pinto, Alicia Sales Carneiro, Walter Costa, Ana Paula Santos, Agnaldo José Lopes

PA4997 **Dynamic and static lung volumes in post tuberculosis pulmonary sequelae**
Anjana Talwar (Noida (Uttar Pradesh), India), Manish Pathak, Geetanjali Bade, Saurabh Mittal, Ashu Seith Bhalla, Priyanka Naranje, Karan Madan

PA4998 **Segmentation of lung images using artificial intelligence for the identification of PTLD lesions**
Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni Garcia-Castro, Luisa Fernanda Sierra, Gloria Stefany Fernandez, William Martinez, Juan Camilo Martinez

PA4999	**Endothelial functional assessment through flow-mediated dilation in people living with HIV after treatment for pulmonary-tuberculosis: preliminary insights from an ongoing study** Fernando Val (Manaus, Brazil), Juliana Magalhães, Stephanie Vitória Alves, Bernardo Maia, Ana Paula Feitosa, Karoline Kitzinger, Jefferson Valente, Anna Gabriela Rezende, Leandro Garcia, Alexandra Brito De Souza, Marcelo Cordeiro-Santos, Cassia Da Luz Goulart, Guilherme Peixoto Areas
PA5000	**POST-TUBERCULOSIS FUNCTIONAL SEQUELAE IN SPAIN** Maria Luisa Polonio Gonzalez (sevilla, Spain), Eva Tabernero Huget, Luis Anibarro García, ANTONIO León Lloreda, Teresa Rodrigo Sanz, Marisol Domínguez Álvarez, Mariara Calderón Alcalá, Francisco Campos Rodríguez, Jose Antonio Gullón Blanco, Josefina Sabria Mestas, Isabel Suarez, Juan Francisco Medina Gallardo
PA5001	**Clinical manifestations and bronchial lavage fluid features of post-tuberculosis bronchiectasis in Vietnam** Dinh-Loc Nguyen (Ho Chi Minh, Vietnam), Ho-Lam Nguyen, Van-Ngoc Tran
PA5002	**Percentage of diabetes mellitus among tuberculosis patients in a tertiary care hospital in India** Rashmi Ratnam (Lucknow, India), R A S Kushwaha, Parul Jain, Amita Jain, Varun P Singh
PA5003	**Extra Pulmonary Tuberculosis (EPTB) presenting as Cancer mimics** Aayushi Gupta (Mumbai, India), Pranavi Amin, Anish Lodha, Karmay Shah, Pranav Pandya, Anjaly Pillai, Kriti Yc, Anshu Punjabi, Pavankumar Biraris, Maheema Bhasker, Sandeep Tandon
PA5004	**A comparative study of tuberculous and non-tuberculous pleural infections** Hai Quan Lee (Singapore, Singapore), Jonathan Wong, Qishan Lim, Yvonne Goh, Glenn Khai Wern Yong
PA5005	**Effect of ambient temperature on pulmonary tuberculosis in Taiwan** Xuan Ngoc Tran (Taipei, Taiwan), Jer-Hwa Chang, Hsiao-Chi Chuang
PA5006	**Which came first? Investigating the bidirectional relationship between tuberculosis and chronic lung disease using longitudinal data from a high incidence setting** Claire Calderwood (London, United Kingdom), Denise Banze, Edson Marambire, Celina Nhamuave, Katharina Kranzer, John R Hurst, Celso Khosa

PS-31 Session 416 08:00 - 09:30

Poster session: Contemporary approach for lung cancer care in the real world and future biomarkers

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Epidemiology Cell and molecular biology Palliative care General respiratory patient care Pulmonary function testing Imaging Surgery Public health

Chairs : Iwona Kwiecień (Warszawa, Poland), Fatma Chermiti Ben Abdallah (Tunis, Tunisia)

PA5007	**Comparison of turnaround time and mutation concordance between liquid and tissue biopsy in advanced lung cancer** Julyan Al-fori (Oxford, United Kingdom), Sophie Baron, John E. Park, Alastair J. Moore
PA5008	**Utility of NGS for molecular profiling of tumors from cell-free DNA (cfDNA) in the diagnosis of non-small cell lung cancer (NSCLC)** Mateja Marc Malovrh (Kranj, Slovenia), Katja Adamič, Izidor Kern, Mitja Rot, Aleš Rozman
PA5009	**Chemotherapy strategies and outcomes in stage IV lung adenocarcinoma in non-smokers** Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Yosra Bellil, Dorra Greb, Hanene Smadhi, Leila Elfekih
PA5010	**Programmed Death Ligand-1 (PDL-1) Expression and Its Determinants in Patients With Lung Cancer: A Tertiary Care Centre Experience in India** Hemant Kumar (Lucknow, India), Mohammad Arif, Ved Prakash, Ajay Kumar Verma, Saumya Shukla
PA5011	**Clinical characteristics and molecular profile of patients diagnosed with Non Small Cell Lung Cancer in a Tertiary Hospital: A Cross Sectional Retrospective Study** Mary Bloom Beup (Quezon City, Philippines), Ma. Janeth Samson
PA5012	**DLCO as a screening tool for oncogene addiction in NSCLC: a retrospective study** Guido Levi (Brescia, Italy), Martina Prati, Silvia Uccelli, Fabio Spreafico, Roberto Magri, Damiano Bottone, Federico Quadri, Mauro Novali, Michela Bezzi, Laura Pini
PA5013	**One-year survival results of metastatic non-small cell lung cancer patients receiving cryotherapy and immunotherapy** Gediminas Vasiliauskas (Kaunas, Lithuania), Evelina Sabeckytė, Erika Skrodenienė, Lina Poškienė, Skaidrius Miliauskas, Marius Zemaitis

PA5014 **Efficacy of ezetimibe-statin combination therapy in respiratory cancer risk**
taehwa kim (BUSAN, Republic of Korea), Ryuk Jun Kwon

PA5015 **Challenges and strategies in the management of localized lung adenocarcinoma in non-smokers**
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Hadhemi Rejeb, Olfa Benmoussa, Ines Akrout, Hanene Smadhi, Leila Elfekih

PA5016 **Does COPD affect the course of lung cancer in women?**
Anna Trojnar (Warszawa, Poland), Robert Uliński, Joanna Domagała-Kulawik

PA5017 **The lung cancer patient pathway in Greece; unravelling the Minotaur's labyrinth**
Ioanna Ilia (Athens, Greece), Georgia Hardavella, Evaggelos Georgios Fergadis, Konstantinos Stefanidis, Joseph Sgouros, Despoina Nasi, Nelli Res, Danai Bisirtzoglou, Nikolaos Anastasiou, Ioannis Karampinis

PA5018 **Delays in the diagnostic pathway for lung cancer**
Anna Davies (Poole, United Kingdom), Anindo Banerjee

PA5019 **The role of Tumour staging in prognostic implications for cancer recurrence a retrospective study**
Pooja Radia (London, United Kingdom), Jayeeta Duta, Moin Mujeeb, Alison Mcmillan, Thida Win

PA5020 **Serial change of KL-6 and development of PD-1/PD-L1 inhibitor-related pneumonitis in non-small cell lung cancer**
Sung Yong Lee (Seoul, Republic of Korea), Juwhan Choi, Seunghun Lee, Jae Kyeom Sim

PA5021 **Non-small cell lung cancer metastases to adrenal glands are not differentially sensitive to immune checkpoint inhibitors than other organs**
charles soutif (Jurbise, Belgium), Lionel Pirard, Fabrice Duplaquet, Thierry Vander Borght, Nicolas Mulquin, Sebahat Ocak

PA5022 **Pulmonary adenocarcinoma:a silent epidemic in non-Smokers with no medical history**
Sirine Arfa (Ariana, Tunisia), Hela Kamoun, Olfa Benmoussa, Hadhemi Rejeb, Dorra Greb, Hanene Smadhi, Leila Elfekih

PA5023 **Neoadjuvant chemoimmunotherapy impairs diffusing capacity of the lung and increases airway resistance**
Özlem Okumus (Cologne, Germany), Theresa Stork, Hafsa Kaman, Eva Lotte Buchmeier, Carolin Groß-Ophoff-Müller, Thomas Paul Herbert Köster, Wolfram Windisch, Stéphane Collaud

PA5024 **Utility of diagnostic and staging tools in lung cancer patients with advanced-disease and poor performance status**
Emad Abugassa (Stafford, United Kingdom), Zahra R Almansoor, Jason Su, Sumaiya Asif Sayed, Mohammed Haris

PA5025 **Thirty-day mortality outcomes with checkpoint inhibitors for stage IV NSCLC**
Anke Santema (Leeuwarden, Netherlands), Ronald A. M. Damhuis, Peter M. J. Plomp, Wouter H. Van Geffen

PA5026 **What's about the lung cancer of the women without tobacco smoking in eastern of Algeria?**
Ardjouna Manaa (Setif, Algeria), Amina Marouani, Djamel Abdellouch, Abdelhak Moumeni

PS-32 Session 417 08:00 - 09:30

Poster session: Differential diagnosis, characterisation and management of pulmonary nodules

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Epidemiology Public health Imaging General respiratory patient care Cell and molecular biology Endoscopy and interventional pulmonology Surgery Pulmonary function testing Palliative care

Chairs : Torsten Gerriet Blum (Berlin, Germany), Roberto Chalela Rengifo (Barcelona, Spain)

PA5027 **Management of Pulmonary Nodules in Patients with Extrapulmonary Cancers**
Daniela Gompelmann (Vienna, Austria), Berta Mosleh, Pavla Sarova, Helmut Prosch, Joachim Widder, Clemens Aigner, Marco Idzko, Mir Alireza Hoda

PA5028 **Beyond tissue diagnosis: MDT-driven clinico-radiological models for pulmonary nodule risk and survival**
Zaw Tun Aung (Macclesfield, United Kingdom), Nawazish Karim, Syed Mohammad, Rajini Sudhir, Sanjay Agrawal, Jonathan Bennett, Muhammad Majid

PA5029 **Characteristics and Outcomes of Incidental Pulmonary Nodules Managed in the Respiratory-Discipline Pulmonary Nodule Clinic (2019-2024)**
Li Yang (Chongqing, China), Min Ao, Weiyi Li, Xinyu Xiong

PA5030 **Pulmonary nodule burden in a tertiary centre in Melbourne: A snapshot before the Australian national lung cancer screening rollout**
Chui Lyn Leong (Hobart (TAS), Australia), Kailey Tang, Ashleigh Hocking, Simon Knight, Tracy Leong

PA5031 **Evaluation of the Accuracy and Performance of Artificial Intelligence in Detecting Malignant Nodules in Chest X-Rays**
Tugce Karamustafalioglu (Mersin, Turkey), Eylem Sercan Ozgur, Yuksel Balci, Sibel Nayci

PA5032	**Rationalising a pulmonary nodule pathway: a pragmatic approach through a clinical service** Georgia Hardavella (Athens, Greece), Ioannis Karampinis, Nikolaos Anastasiou, Konstantinos Stefanidis, Kyriaki Tavernaraki, Styliani Arapostathi, Nektaria Sidiropoulou, Petros Filippousis, Alexandro Patirelis, Eugenio Pompeo, Panagiotis Demertzis, Stefano Elia
PA5033	**Prevalence of Pulmonary Nodules and Masses Suspicious for Malignancy: A Retrospective Analysis of Chest Computed Tomography (CCT) in Ukrainian Patients** Kseniia Sekretna (Dnipro, Ukraine), Mykyta Kamarali, Anastasiia Kornieieva, Viktoriia Donchyk, Mariia Shpiro, Fedir Ovcharenko, Dmytro Tsykun, Oleh Horoshenko
PA5034	**Externally validated artificial intelligence models for lung cancer prediction on chest CT: A systematic review and meta-analysis** Oke Dimas Asmara (Leeuwarden, Netherlands), Eline G.M. Steenhuis, Kim De Jong, Anita Joseph, Marjan Timmer, Eric D. Tenda, E.C. Boerma, Marjolein A. Heuvelmans, Wouter H. Van Geffen
PA5035	**A plasma cell-free DNA methylation classifier for non-invasive lung nodule malignancy assessment** xin wang (Chengdu, China), Jiayi Li, Lingfeng Bi, Zhixi Su, Zhoufeng Wang, Weimin Li
PA5036	**The probability of malignancy in incidental pulmonary nodules according to the "Mayo Lung Calculator" and several lung cancer biomarkers.** Ana Rodríguez Cabrera (Huelva, Spain), Javier Romero Lopez, Alberto González Hernández, Sara González Gutierrez, Myriam Gandulfo Lara, Estefanía Vélez Menis, Antonio Pereira Vega
PA5037	**Aptamer-Based Multivariate Index Assay as a Diagnostic Aid for Lung Cancer Screening** Dong-Woo Han (Seoul, Republic of Korea), Dong Yeon Kim, Chang-Min Choi, Jung-Min Kim, Min-Young Yeo, Wonjun Ji
PA5038	**Refining predictive radiomics model to distinguish benign versus malignant lung nodules.** Logan Hostetter (Rochester, United States), Matt Biondi, Sam Falde, Shubang Bhatt, Alex Arumir, Dana Ellis, Brian Bartholmai, Clint Jokerst, Tobias Peikert, Srinivasan Rajagopalan, Cyril Varghese
PA5039	**Retrospective analysis of the characteristics of patients referred for nodule follow-up** Inês Filipa Casacão Estalagem (Seixal, Portugal), Ricardo Estêvão Gomes, Júlia Silva, Carlos Araújo, Sofia Quaresma, Matilde Ferreira De Almeida, Ana Claúdia Vieira, Miguel Lopes
PA5040	**General Practitioner direct access to CT chest: a model for service improvement** Elizabeth Thompson (London, United Kingdom), Selena Yang, Radhika Kumar, Maryam Jameal, Saira Parker-Deeks, Robert Palmer, Angshu Bhowmik
PA5041	**AI-based benchmark to test the potential of 3-photon excited fluorescence in intraoperative lung cancer detection with multiphoton microscopy** Siem de Jong (Nijmegen, Netherlands), Annick J. H. E. Van Der Kroef, Marie Louise Groot, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden, Francesco Ciompi
PA5042	**Late Breaking Abstract - Study on prognosis and influencing factors after surgical operation for multiple primary lung cancers.** Qian Zheng (Chengdu, China), Zourui Min, Wenxin Luo
PA5043	**Late Breaking Abstract - Association between preserved ratio impaired spirometry and postoperative pulmonary complications in patients undergoing lung cancer resection** Tianran Zhou (Shanghai, China), Jian Guo
PA5044	**Late Breaking Abstract - Associated factors regarding systemic anticancer therapy use prior to death among patients with metastatic non-small cell lung cancer: a multicentre retrospective cohort study** Salome Anne Louise van Beusekom (Amsterdam, Netherlands), Kiki M Mokkenstorm, Arthur A J Smit, Nynke G Dijkstra, Maartje Gerkema-Bos, Sjoerd Pustjens, Olaf P Geerse
PA5045	**Late Breaking Abstract - Shape-sensing robotic-assisted bronchoscopy in transbronchial radiofrequency ablation for early-stage peripheral non-small cell lung cancer: an initial clinical experience** Siyuan Hong (Shanghai, China), Runchang Li, Fangfang Xie, Junxiang Chen, Shuaiyang Liu, Houteng Xi, Jiayuan Sun

PS-33 Session 418 08:00 - 09:30

Poster session: Pleural disease advances beyond pleural and mediastinal malignancies

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Surgery Imaging General respiratory patient care Endoscopy and interventional pulmonology Cell and molecular biology Physiology

Chairs : Nick Maskell (Bristol (Avon), United Kingdom), Tara Byrne (Ballinasloe (County Longford), Ireland)

PA5046	**Comparison study of percutaneous pleural and lung biopsies performed by interventional radiologists and the respiratory service at Queen Elizabeth Hospital** Helen Fielden (London, United Kingdom), Sivanantham Sasikumar
PA5047	**To drain or not to drain? That is the question' A national survey of physicians to understand the current management practice for pneumothorax after lung biopsy** Beenish Iqbal (Oxford, United Kingdom), Dinesh Addala, Alguili Elsheikh, Anand Sundaralingam, Poppy Denniston, Rachel Benamore, Najib Rahman, Rob Hallifax
PA5048	**Beyond Primary and Secondary: Investigating the optimum management strategy for managing iatrogenic pneumothorax after CT-Guided lung biopsy** Sarah Md Fuad (Chester, United Kingdom), Jing Goh, Samuel Amey, Robert Downey, Rachel Halliday, Vevak Dherwani, Muhammad Noor, Prosenjit Dutta, Stephen Scott, Ian Benton, Ben Vlies, Qaiser Abdullah, Ryan Robinson
PA5049	**Integrating Ultrasound Parameters into a Machine Learning-Based Clinical Prediction Model for Pleural Tuberculosis** Sze Shyang Kho (Kuching (Sarawak), Malaysia), William Kian Boon Law, Larry Ellee Nyanti, Shirin Hui Tan, Nai Chien Huan, Chiou Perng Lee, Syazatul Syakirin Sirol Aflah, Khai Lip Ng, Chun Ian Soo, Aida Abdul Aziz
PA5050	**First line medical thoracoscopy in undiagnosed pleural effusion: a safe, effective and time-sparing strategy?** Matteo Daverio (Padova, Italy), Mariaenrica Tinè, Martina Lorico, Petra Meneghin, Rossella Valvason, Giulia Bartolucci, Marco Damin, Davide Biondini
PA5051	**RED score in patients with benign pleural effusions** Eleanor Mishra (Oxford (Oxfordshire), United Kingdom), Helen Davies, Lianne Castle, Jurgen Herre, Jack Kastelik, Clare Ross, John Corcoran, Alison Hufton, Nick Maskell, Allan Clark, Najib Rahman
PA5052	**Clinical Outcomes of Non-Traumatic Chylothorax** Brian Chua (Singapore, Singapore), Si Ling Young, Carrie Kah Lai Leong, Qiao Li Tan, Ivana Gilcrist Chiew Sian Phua, Jane Jing Yi Wong, Wen Ting Lim, Ken Junyang Goh
PA5053	**Surgical treatment of diseases of the thyroid gland complicated by tracheal compression syndrome** Anastasiia Sochnieva (Kharkiv, Ukraine), Valeriy Boyko, Vasyl Kritsak, Volodymir Tkachenko
PA5054	**An audit of pleural services in a UK district general hospital** Shavita Kuckreja (Cheshunt, United Kingdom), Andrew Collins, Peter Russell, Ugochukwu Ekeowa, Muhammad Anwar, Iftikhar Nadeem
PA5055	**Nine-Year Retrospective Analysis of Ambulatory Pleural Procedure Service at a tertiary Hospital** Mohamed Babikir (Swansea, United Kingdom), Elen Gravell, Narendrababu R Chinnappa
PA5056	**Patterns of disease within Non-specific pleuritis** Anand Sundaralingam (Oxford, United Kingdom), Grace Annetts, Radhika Banka, Vineeth George, Anna Kelliher, Zofia Makowska, Dinesh Addala, Beenish Iqbal, Alguili Elsheikh, Eihab Bedawi, Rob Hallifax, Nikolaos Kannellakis, Najib Rahman
PA5057	**Natural antibodies targeting hyaluronidase in pleural effusions of various etiologies** Sotirios Zarogiannis (Larisa, Greece), Ioannis Sarrigeorgiou, Erasmia Rouka, Ourania Kotsiou, Garyfallia Perlepe, Efrosini Gerovasileiou, Konstantinos Gourgoulianis, Peggy Lymberi
PA5058	**The impact of pleural pressure changes after therapeutic thoracentesis on pleural elastance and diagnosis of trapped lung.** Elżbieta Magdalena Grabczak (Warszawa, Poland), Tomasz Gólczewski, Monika Zielińska-Krawczyk, Anna M. Stecka, Rafał Krenke
PA5059	**Exploratory and Therapeutic Management of Pleural Effusions: A Study of 420 Cases, Experience from the Pulmonology Department, Rouïba Hospital, Algiers** Abdelhamid Bouz (Rouïba, Algeria), Hadjer Gacem, Imane Laouedj, Abdelbassat Ketfi

PS-34 Session 419 08:00 - 09:30

Poster session: Clinical aspects in interstitial lung disease

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Physiology Pulmonary function testing General respiratory patient care Public health Imaging Palliative care Cell and molecular biology Endoscopy and interventional pulmonology Pulmonary rehabilitation

Chairs : Dominique Israel-Biet (Paris, France), Gautam George (Philadelphia, United States)

PA5060	**Baseline characteristics of patients in the real-world INCHANGE study in patients with progressive pulmonary fibrosis (PPF)** Claudia Lucia Toma (Bucuresti (Sector 4), Romania), Ventsislav Dimitrov, Katarzyna Górska, Anita Sahu-Osen, Maria Sanzharovskaya, Katrin E Hostettler
PA5061	**The role of social deprivation in post-admission interstitial lung disease all-cause mortality** Laura White (Manchester, United Kingdom), Jonathan Shaw, Bethan Powell, Nyan May Kyi, Rebecca Huang, Emma Hardy, Gareth Hughes, Dilanka Tilakaratne, Conal Hayton, Trishala Raj, Saskia Swannack, Georges Ng Man Kwong, Amy Gadoud, Timothy Gatheral
PA5062	**Comparison of IPF patients using pirfenidone and nintedanib:Real-life data** Fatma Demirci Üçsular (Izmir, Turkey), Sevda Aras, Gülistan Karadeniz, Enver Yalnız
PA5063	**Comparison of the baseline clinical and HRCT characteristics of Insilico's ISM001_055 phase 2a trial cohort in China with real-world IPF datasets** Kiril R. Kirov (Cambridge, United Kingdom), Elliott Bussell, Rebecca Keegan, Muhunthan Thillai, Zuojun Xu, Ping Wang, Carol Satler, Sujata Rao, Sang Liu, Yuan Lv, Toby M. Maher, Alex Zhavoronkov, Feng Ren, Simon L. F. Walsh
PA5064	**Geriatric nutrition risk index as an indicator of acute exacerbation and mortality risk in patients with idiopathic pulmonary fibrosis** Ismail Hanta (Adana, Turkey), Pelin Pınar Deniz, Pelin Duru Cetinkaya, Sedef Küçükyalçın
PA5065	**The clinical and economic impact of time to diagnosis in patients with progressive fibrosing interstitial lung disease: a systematic review** Zhongyi Deng (Mainz, Germany), Maria Cristina Penaloza-Ramos, Pratik Pimple, Anna K. Renner, Bettina Schmitt, Sean D. Sullivan, Pilar Rivera-Ortega
PA5066	**Real-life experience of access to antifibrotics for patients with IPF: a single-center observational study** Maham Adil (Wigan, United Kingdom), Rashmita Singh, Queennie Jacob, Heidi Prior, Abdul Ashish
PA5067	**Identification of UIP pattern fibrosis progression after antifibrotic therapy** Gage Willox (Glasgow (Glasgow), United Kingdom), Ethan Murray, Lynette Thomas, Ahmed Muqames, Geeshath Jayasekera, David Anderson
PA5068	**Applying a pre-fight algorithm in Interstitial lung disease** Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Karl Sylvester, Helen Parfrey, Muhunthan Thillai, Nicola Simler, Benjamin Knox-Brown
PA5069	**Characterization of Unclassifiable ILD: Subclassification and Clinical Features from the PROMISE Study in Japan** Takashi Ogura (Yokohama, Japan), Taiki Furukawa, Yasuhiro Kondoh, Tomonori Tanaka, Yukio Kashima, Motoyasu Kato, Tsukasa Okamoto, Haruyuki Ishii, Takeshi Jokoh, Ryoko Egashira, Junya Fukuoka, Hironao Hozumi, Ryo Teramachi, Takafumi Suda, Toru Arai, Yoshiaki Zaizen, Atsushi Miyamoto, Keisuke Tomii, Kiminori Fujimoto, Tae Iwasawa, Chikatoshi Sugimoto, Yasuhiro Terasaki, Noriyuki Enomoto, Hiroaki Sugiura, Mishie Tanino, Kazuhiro Tabata, Fumikazu Sakai, Akira Hebisawa, Tamiko Takemura, Hiromitsu Sumikawa, Hideya Kitamura, Yutaro Nakamura, Shinobu Kunugi, Kazuto Ashizawa, Mikiko Hashisako, Yuko Nishimoto, Hidetake Yabuuchi, Masashi Kitani, Shinyu Izumi, Yasuyuki Kurihara, Kiyoshi Murata, Junya Tominaga, Takahiko Kasai, Kaori Ishida, Kyoko Otani, Naoko Takeuchi, Makoto Ishii
PA5070	**Disease course towards the end of life in patients with pulmonary fibrosis.** François Lestelle (Lyon, France), Giulia Acquati, Valentina Musto, Julie Traclet, Kais Ahmad, Anne Guillemot, Sophie Francioni, Ségolène Turquier, Sara Tomassetti, Vincent Cottin
PA5071	**Gender differences in idiopathic pulmonary fibrosis (IPF) from the British Thoracic Society (BTS) UK ILD registry.** Leng Cheng Sia (Kuala Lumpur, Malaysia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Gina Amanda, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri
PA5072	**Effect of pulmonary rehabilitation on exercise tolerance in patients with interstitial lung disease** Houda Snène (Tunis, Tunisia), Yossr Aloulou, Meryem Nciri, Rym Ben Othmen, Hana Blibech, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Bechir Louzir
PA5073	**Gender-related features of interstitial lung diseases: an unsupervised machine learning approach** Esterina Boniello (Bari (BA), Italy), Luciana Labate, Agnese Caringella, Cristian Locorotondo, Marcin Di Marco, Madiha Ahroud, Anna Violante, Paola Piarullli, Chiara Massaro, Giuseppe Falagario, Vitaliano Nicola Quaranta, Andrea Portacci, Alberto Carrassi, Silvano Dragonieri, Giovanna Elisiana Carpagnano
PA5074	**Twelve month experience of a structured interstitial lung abnormality (ILA) pathway: insights and outcomes** Trishala Raj (Manchester, United Kingdom), Jonathon Shaw, Rebecca Gibson, Katherine Zakis, Jenna Swale, Helen Morris, Carmine Ruggiero, Nicola Bracey, Hussain Shah, Peter George, Elizabeth Renzoni, Sujal Desai, Anand Devaraj, Richard Lee, Katherine Myall, Laura Fabbri, Brintha Selvarajah, Emily Fraser, Richard Hewitt, Conal Hayton

PA5075 **Should Slow Vital Capacity Replace Forced Vital Capacity in IPF?**
Fatma Arslan (Ankara, Turkey), Vefa Tunca, Deniz Doğan Mülazimoğlu, Miraç Öz, Aslıhan Gürün Kaya, Serhat Erol, Akın Kaya, Oya Kayacan, Sevgi Saryal

PA5076 **Content Validity of AI-Generated Medical Information on Idiopathic Pulmonary Fibrosis (IPF): A Comparative Analysis of ChatGPT-4 and Gemini 1.5 Pro**
Ivan Cherrez-Ojeda (Guayaquil, Ecuador), Andreas Hoheisel, Björn Christian Frye, Juan Calderon Soriano, Arturo Cortes-Telles, Gabriela Rodas-Valero, Karla Robles-Velasco, Heidegger Mateos Toledo, Ricardo G. Figueiredo, Christopher J Ryerson

PA5077 **SERUM TRYPSIN-LIKE ACTIVITY (TPA) IN PATIENTS (PTS) WITH IDIOPATHIC PULMONARY FIBROSIS (IPF)**
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Viktoriya Rodionova, Oksana Karasova, Olena Kovalenko

PA5078 **Breathing effort evaluation and monitoring through nasal manometry in fibrosing interstitial lung disease (F-ILDs) with usual interstitial pneumonia (UIP) pattern: preliminary analysis from a prospective observational monocentric study**
Athina Patsoura (modena, Italy), Federica Ghinassi, Federica Andolfi, Daniele Puggioni, Giulia Baldini, Matilde Neviani, Gabriele Contri, Alessandro Marchioni, Bianca Beghè, Enrico Clini, Stefania Cerri, Roberto Tonelli

PA5079 **Impact of Discrepancies Between BAL and TBLC Findings on ILD Treatment Strategies: A Retrospective Study with Insights into Cytology Variability**
Koji Kuronuma (Sapporo, Japan), Atsushi Saito, Chikako Kitamura, Tomoyuki Takahashi, Kentaro Kodama, Hirotaka Nishikiori, Mamoru Takahashi, Hirofumi Chiba

PS-35 Session 420 08:00 - 09:30

Poster session: Clinical prognostication in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Epidemiology Physiology Imaging Pulmonary function testing Cell and molecular biology

Chairs : Shaney Barratt (Bristol (Avon), United Kingdom), Chair to be confirmed

PA5080 **Predictive factors of progressive pulmonary fibrosis**
Ahmed Ben Saad (Monastir, Tunisia), Souha Ben Salem, Lobna Loued, Wajih Ghribi, Rania Kaddoussi, Saoussen Cheikh Mhamed, Samah Joobeur

PA5081 **Parameters Predictive of Mortality in Patients with Idiopathic Pulmonary Fibrosis: mMRC, CPI, TLCO, FVC, GAP, RV, 6MWT, honeycombing**
Sevda Aras (İzmir, Turkey), Gülistan Karadeniz, Fatma Demirci Üçsular, Enver Yalnız

PA5082 **The risk stratification score: a new staging system for Idiopathic Pulmonary Fibrosis – discovery cohort results**
Gian Marco Manzetti (Rome, Italy), Paola Rogliani, Francesco Cavalli, Marco Mura

PA5083 **Evaluation of factors affecting mortality in patients with idiopathic pulmonary fibrosis**
Serap Argun Baris (Kocaeli, Turkey), Tugba Onyilmaz, Bengu Gul Ozturk, Gozde Oksuzler Kizilbay, Gozde Selvi Guldiken, Hasim Boyaci, Ilknur Basyigit

PA5084 **Factors associated with mortality in patients with idiopathic pulmonary fibrosis on antifibrotic therapy**
Gergana Stefanova (Pleven, Bulgaria), Tyulin Riza, Zlatina Ivanova, Nikolay Kyuchukov, Nela Tsetsova, Ralitsa Pencheva, Borislava Zhelezarova, Yavor Ivanov

PA5085 **Is serum PD-L1 a marker for survival in patients with IPF?**
Nesrin Moğulkoç Bishop (Izmir, Turkey), Dragana Jovanovic, Jelena Kotur-Stevuljevic, Omer Faruk Dadas, Burak Gokce, Martina Koziar Vasakova

PA5086 **Circulating urokinase-type plasminogen activator receptor (uPAR) associates with progression of idiopathic pulmonary fibrosis (IPF)**
Jamie L. Todd (Durham, United States), Hillary Mulder, Megan L Neely, Peitao Wu, John A Belperio, Toby M Maher, Justin M Oldham, Scott M Palmer, Divya C Patel, Christian Hesslinger, Thomas Schlange

PA5087 **The Prognostic Role of Neutrophil-to-Lymphocyte Ratio, Monocyte-to-Lymphocyte Ratio, and Systemic Inflammation Response Index in Predicting Mortality in Idiopathic Pulmonary Fibrosis: A 5-Year Real-World Study**
Ramazan Eren (Istanbul, Turkey), Elif Yelda Ozgun Niksarlıoglu, Mehmet Atilla Uysal, Sule Gül, Baris Demirkol, Erdogan Cetinkaya

PA5088	**Stratifying GAP stages by the MUC5B rs35705950 variant refines survival prediction in IPF** Joanne van der Vis (Nieuwegein, Netherlands), Antje Prasse, Elisabetta Renzoni, Carmel Stock, Toby Maher, Francesco Bonella, Raphael Borie, Bruno Crestani, Wim Wuyts, Philip Molyneaux, Johannes Kelder, Jan Grutters, Coline Van Moorsel
PA5089	**Does hiatus hernia have a detrimental impact on survival in IPF?** Nesrin Moğulkoç Bishop (Izmir, Turkey), Akın Cinkooglu, Omer Faruk Dadas, Zehra Nur Töreyin, Martina Koziar Vasakova
PA5090	**Comorbidome Impact on IPF Survival: CIRS and GAP Index Evaluation in a Single-Center Cohort.** Ferdinando Damato (Napoli, Italy), Chiara De Fonzo, Gaetano Rea, Marialuisa Bocchino
PA5091	**Effect of comorbidities on mortality in IPF: Analysis from the British Thoracic Society (BTS) UK interstitial lung disease (ILD) registry.** Leng Cheng Sia (Kuala Lumpur, Malaysia), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Gina Amanda, Karol Bączek, Andrew Achaiah, Lucile Sesé, Nazia Chaudhuri
PA5092	**The impact of ischemic heart disease on the clinical course of idiopathic pulmonary fibrosis** Sung Kyoung Kim (Suwon, Republic of Korea), Kihoon Park, Seung Hoon Kim, Seok Min Hyun, Ahran Kim
PA5093	**Impact of epicardial adipose tissue on comorbidities and prognosis in idiopathic pulmonary fibrosis** Raphaël Hindré (Saint Ouen sur Seine, France), Pierre Yves Brillet, Warda Khamis, Sadio Barst, Emmanuel Cosson, Lucile Sesé, Hilario Nunes
PA5094	**Risk of lung cancer and derived mortality in patients with interstitial lung diseases: A nationwide population-based matched cohort study.** Elisabeth Bendstrup (Aarhus N, Denmark), Jakob Nebeling Hedegaard, Anne Ording, Jesper Rømhild Davidsen, Morten Bendixen, Thomas Decker Christensen, Christian Borbjerg Laursen
PA5095	**Association of Physiological Cost Index with Pulmonary Function and GAP Score in Patients with Interstitial Lung Disease** Soumaya Rebay (Menzel jemil, Tunisia), Khouloud Kchaou, Yosra Abdelhedi, Nour Ben Mrad, Saloua Ben Khamsa Jameleddine
PA5096	**Predictors of admission for an acute exacerbation of interstitial lung disease** Ahmed Ben Saad (Monastir, Tunisia), Souha Ben Salem, Lobna Loued, Wajih Ghribi, Rania Kaddoussi, Saoussen Cheikh Mhamed, Samah Joobeur
PA5097	**A systematic review and meta-analysis of prognostic factors of idiopathic pleuroparenchymal fibroelastosis (IPPFE)** Hiroyuki Kamiya (Ibaraki, Japan), Tomomi Miyahara, Jyuri Kawasaki, Sakae Fujimoto
PA5098	**Distinct Fine Crackle Patterns as Predictors of Specific Features in High-Resolution Computed Tomography (HRCT)** Stefan Gogaert (Korbeek-Lo, Belgium), Maarten De Vos, Alexander Bertrand, Nico Decrem, Tine Folet, Marie Vermant, Tinne Goos, Marianne Carlon, Bart Vanaudenaerde, Laurens De Sadeleer, Joseph Jacob, Wim Wuyts
PA5099	**Bronchiolectasis of respiratory bronchioles leads to honeycomb cyst formation within the IPF lung** Najmeh Assadinia (Vancouver, Canada), Kohei Ikezoe, Stacey Ledoux, Fanny Chu, Joel D. Cooper, James C. Hogg, Dragos Vasilescue, Tillie-Louise Hackett

PS-36 Session 421 08:00 - 09:30

Poster session: Clinical course of interstitial lung diseases of known causes

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Imaging General respiratory patient care Endoscopy and interventional pulmonology Respiratory intensive care Cell and molecular biology Public health Physiology

Chairs : Claudia Valenzuela (Madrid, Spain), Maria Camila Melo Narvaez (Marburg, Germany)

PA5100	**Characteristics and prognosis of Interstitial lung disease patients with small air way disease** Nimrod Orr Urtreger (Tel Aviv, Israel), Gil Ben-Non, Amir Bar-Shai, Ophir Freund, Doron Cohn-Schwartz, Ariel Melloul, Avraham Unterman
PA5101	**Radiomics-Guided Machine Learning Models for Differentiating and Predicting Prognosis in Interstitial Lung Diseases** Jing Gao (stockholm, Sweden), Dong-Fang Du, Dong-Quan Zhang, Xu-Dan Zuo, Lan Huang, Wei-Dong Hu, Xiao-Jun Wang

PA5102	**Pulmonary Function Decline Predicts Long-Term Outcomes in ILDs.** Matteo Della Zoppa (Milano, Italy), Emanuela De Stefano, Cristina Novy, Andrea Pajoro, Sara Lettieri, Simone Montini, Ilaria Campo, Francesca Mariani, Angelo Guido Corsico, Davide Piloni
PA5103	**A Comparative Study of outcomes between Idiopathic Pulmonary Fibrosis and Fibrotic Hypersensitivity Pneumonitis** Maria João Lúcio (linda a velha, Portugal), Mariana Gonzalez Ribeiro, Patrícia Mota, David Coelho, André Terras, André Carvalho, Susana Guimarães, Conceição Souto Moura, Luís Delgado, Oksana Sokhatska, Marília Beltrão, Rita Santos, Natália Melo, António Morais, Hélder Novais Bastos
PA5104	**Diagnostic yield and complications of transbronchial lung cryobiopsy performed using rigid or flexible bronchoscopy** Sahajal Dhooria (Chandigarh, India), Nidheesh Kuniyil, Amanjit Bal, Valliappan Muthu, Kuruswamy Thurai Prasad, Inderpaul Singh Sehgal, Ritesh Agarwal, Ashutotosh Nath Aggarwal
PA5105	**ILD in patients with myositis specific and associated antibodies: a retrospective case series study** Gabriela Claudia Tabaj (Ciudad Autónoma Buenos Aires, Argentina), Brenda Varela, María Otaola, Romina Roldán, Juan Enghelmayer, Tulio Papucci, Micaela Cosatti, Cecilia Pisoni
PA5106	**Drug-Induced Interstitial Pneumonia: Organizing Pneumonia Following Ocrelizumab Therapy** Maria Angela Vittoria Anna Chiara Licata (Rome, Italy), Alessia Mari, Monica Di Norcia, Luigia Dari Salisburgo, Marco Di Perna, Sandro Cinotti, Arturo Ciccullo, Franco Tonello, Roberta Di Crecchio, Stefano Feliciangeli, Anna Cecilia Carucci, Alessandro Grimaldi, Gian Luca Primomo
PA5107	**Long-term clinical outcomes in patients with combined pulmonary fibrosis and emphysema (CPFE): An 8-Year prospective study** Narendra Kumar Narahari (Hyderabad (Telangana), India), Rakesh Kodati, Manasa Bai Kanavath, Crosswin Raevanth Joseph Victor, Paramjyothi Gongati Kruparao
PA5108	**Role of traction bronchiectasis in the early detection of radiological progression in patients with Hypersensitivity Pneumonitis** Giuliana Grimaudo (Alcamo, Italy), Gioele Castelli, Elisabetta Cocconcelli, Ilaria Del Gobbo, Giacomo Giulianelli, Serena Bellani, Nicol Bernardinello, Paolo Spagnolo, Chiara Giraudo, Elisabetta Balestro
PA5109	**Combined pulmonary fibrosis and emphysema: One size fits all?** Canan Gunduz (İstanbul, Turkey), Ahmet Kürşat Karaman, Ibrahim Feyyaz Naldemir, Selma Aydoğan
PA5110	**Early Detection of Interstitial Lung Diseases: Validation of a New ILD Screening Tool** Supriya Phadnis (Pune, India), Deepak Muthreja, Asmita Mehta, Akashdeep Singh, Rennis Davis, Shital Patil, Ayyappath R Paramez, Malay Sarkar, Saurabh Karmakar, Lovely Sinha, Amitkumar Dave, Raghava Rao, Devasahayam J Christopher, Kaushik Saha, Sonali Trivedi, Syamal Sarkar, Babaji Ghewade, Aditya Jindal, Pralhad Prabhudesai, Gaurav Singhal, Sheetu Singh, Raja Dhar, Bhanupratap Singh, Apoorva Singh, H Jayadevappa Gayathri, Rajesh Swarnakar, Sapna Madas, Deesha Ghorpade, Swapnil Gadhave, Snehal Kulkarni, Mangesh Chandolkar, Samruddhi Bhalare, Abhishek Sabale, Jagruti Yenpure, Meghna Gajul, Meena Lopez, Monali Mehta, Jaideep Gogtay, Sundeep Salvi
PA5111	**Sjögren's Syndrome and Interstitial Lung Disease: Experience in a Collaborative Rheumatology-Pulmonology Clinic** Edwin Jonathan Yong Portugal (Madrid, Spain), Sonia Jiménez Barrios, Sandra Garrote Corral, Carlos De La Puente Bujidos, María Angeles Blazquez Cañamero, Jesús Loarce Martos, Celia Zamarro García, Ana Jaureguizar Oriol, Juan Rigual Bobillo
PA5112	**Disease progression and survival in histology-proven hypersensitivity pneumonitis pattern: a retrospective cohort study** Gabrielle Archer (Paris, France), Kinan El Husseini, Alice Guyard, Marie-Pierre Debray, Aurélie Cazes, Justine Frija-Masson, Pierre Mordant, Pierre Le Guen, Camille Taillé, Raphaël Borie, Bruno Crestani
PA5113	**One-year change in composite physiologic index (CPI) and survival in patients with fibrotic hypersensitivity pneumonitis** Punchalee Kaenmuang (Songkhla, Thailand), Fiammetta Danzo, Simon Bax, Richard J Hewitt, Maria Kokosi, Vasileios Kouranos, Felix Chua, Peter M George, Richard Gisli Jenkins, Athol U Wells, Carmel Jw Stock, Piersante Sestini, Elisabetta A Renzoni
PA5114	**Trends in interstitial lung disease (ILD) multidisciplinary team (MDT) diagnoses: A five year retrospective analysis** Una Boland (Dublin, Ireland), Anne Walsh, Niamh Boyle, Lindsay Brown, Michael P Keane, Cormac Mc Carthy
PA5115	**Lung Function Parameters as Predictors of Mortality Risk in Patients with Interstitial Lung Disease** Rodrigo Torres Castro (Barcelona, Spain), Claudia Moreno Díaz, Xavier Alsina-Restoy, Matías Otto-Yáñez, Lurdes Planas-Cerezales, Alejandro Frino-García, Fernanda Hernández-González, Jacobo Sellarés Torres
PA5116	**Viral exacerbations of interstitial lung diseases: A multicentre retrospective cohort study** Joshua Harridine (Birmingham, United Kingdom), Gayathri Mohan, Aylin Ugurlu, Paul Ellis, Gareth Walters, Christopher Huntley

PA5117 **Acute exacerbation: a turning point in hypersensitivity pneumonitis**
Charlotte Menigoz (Nantes, France), Céline Chaillou, Quentin Maubert, Claire Defrance, Fiona Laboue, Frédéric Corne, Eline Magois, Antoine Moui, Dorian Hassoun, Christine Sagan, Rose Esnaud, Anne-Laurence Gourdier, François-Xavier Blanc, Frédéric Gagnadoux, Stéphanie Dirou

PA5118 **Influence of disease activity on lung involvement in rheumatoid arthritis patients with interstitial lung disease**
Rosangela Di Liberti (Bagheria, Italy), Irene Di Leo, Tiziana La Blasca, Lidia La Barbera, Chiara Rizzo, Riccardo Messina, Salvatore Battaglia, Giuliana Guggino, Nicola Scichilone

PA5119 **Late Breaking Abstract - Optimising Lung Ultrasound Criteria for ILD Screening in Rheumatoid Arthritis: A Validation Study**
Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Bjørk K Sofíudottir, Edgardo Sobrino, Marcos Rossemffet, Jonathan Balcazar, Miguel Perandones, Paola Orausclio, Tomas Cazenave, Emilse Schneeberger, Torkell Ellingsen, Jesper Davidsen

PS-37 Session 422 08:00 - 09:30

Poster session: Translational research in sarcoidosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Public health Imaging Cell and molecular biology Pulmonary function testing Pulmonary rehabilitation

Tag(s) : Translational

Chairs : Chair to be confirmed

PA5120 **Lung Function Phenotypes and Disease Progression in Pulmonary Sarcoidosis**
Louis Jouanjan (Freiburg, Germany), Charlott Terschluse, Martin Feineis, Sebastian Wirtz, Daniel Soriano, Daiana Stolz, Björn Christian Frye, Prerana Agarwal

PA5121 **1,25OH-VitaminD/25OH-VitaminD ratio (VitDR) as a marker of disease activity in sarcoidosis: retrospective multicentre study**
Andrea Falco (Orbassano, Italy), Stefano Levra, Chiara Gollinucci, Fabiana Giannoccaro, Alberto Carignano, Paolo Cameli, Giuseppe Guida, Fabio Luigi Massimo Ricciardolo, Elena Bargagli

PA5122 **Characterization of progressive pulmonary sarcoidosis and study of bronchoalveolar lavage as a prognostic marker**
Sara Salvador Fernàndez (Barcelona, Spain), Marta Andreu Casas, Paula Barquero Dueñas, Maria Florencia Pilia, David Espejo Castellanos, Christian Eduardo Romero Mesones, Iñigo Ojanguren Arranz, Francisco Javier Muñoz Gall, Ana Villar Gómez

PA5123 **Validation of a new IVD-R compliant ELISA to measure soluble IL2R in ILD.**
Anne Reiners (Nieuwegein, Netherlands), Anja Matzen, Oliver Schmidt, Bob Meek

PA5124 **Association of TNFRSF1A genotype and disease progression in sarcoidosis**
Astrid Gjervold Lunde (Harstad, Norway), Solfrid Romundstad, Anne Hildur Henriksen, Hanne Sorger, Arnulf Langhammer, Eda Boerner, Niels Schröder, Francesco Bonella

PA5125 **Small Airway Dysfunction in Sarcoidosis: Comparison of IOS, N_2-WB, and PFT**
Jaime Andrés Alvarado Castillo (Bogotá (Cundinamarca), Colombia), Julia Novack, Kateryna Gashynova, Gregor Krasagakis, Daiana Stolz, Björn Frye

PA5126 **Relation between hair glucocorticosteroids, fatigue and psychological symptoms in patients with sarcoidosis**
Vivienne Kahlmann (Rotterdam, Netherlands), M Mohseni, C C Moor, S J Van Helmondt, R L M Mostard, M L Van Der Lee, J Grutters, S Van Den Berg, E F C Van Rossum, M S Wijsenbeek, M Veltkamp

PA5127 **Forced Oscillatory Technique for Identifying and Quantifying Pulmonary Involvement in Patients with Sarcoidosis**
Rottem Kuint (Jerusalem, Israel), Yishai Netanel Grauer, Fares Darawshy, Dan Padawer, Henny Azmanov, Ariel Kenig, Avraham Abutbul, Neville Berkman

PA5128 **Forced oscillation technique in pulmonary sarcoidosis: lower diagnostic burden and identifying phenotypes**
Lisette R M Raasing (Nieuwegein, Netherlands), Marcel Veltkamp

PA5129 **Establishment of an in vitro granuloma-like model using human PBMCs with Cutibacterium acnes**
Keisuke Kasuga (Mitaka city, Tokyo, Japan), Ken Shirato, Junri Hayakawa, Kei Kozuka, Masaoki Saito, Jumpei Aso, Hiroki Nunokawa, Mitsuru Sada, Keitaro Nakamoto, Takeshi Saraya, Haruyuki Ishii

PA5130 **SCREENING OF CCR2 GENE İN SARCOIDOSIS PATIENTS WITH NEXT GENERATION SEQUENCE ANALYSİS**
Pınar Yıldız Gülhan (duzce, Turkey), Reecep Eröz

PA5131	**Effect of methotrexate and prednisone on intermediate monocytes in pulmonary sarcoidosis** Montse Janssen Bonás (Nieuwegein, Netherlands), C. Benschop-Roodenburg, R. Kraaijvanger, M. Heron, V. Kahlmann, C.C. Moor, R.L.M Mostard, H.N.A.J Van Rijswijk, J Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H. Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, M. Overgaauw, J.C. Grutters, M.S. Wijsenbeek, M. Veltkamp
PA5132	**Patient experiences with an online home monitoring program for sarcoidosis** Astrid Dunweg (Rotterdam, Netherlands), V Kahlmann, C.C. Moor, R.L.M. Mostard, M Janssen Bonas, J.C. Grutters, H.N.A.J Van Rijswijk, J. Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H. Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L. Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, R. Kerstens, M. Overgaauw, M. Veltkamp, M.S. Wijsenbeek
PA5133	**Epigentics in Pulmonary Sarcoidosis Inflammatoy Phenotype** Rachel Snoddy (Antrim, United Kingdom), Mark Watson, Rebekah Gilpin, Philip Logue, Dermot Linden, Paul Minnis
PA5134	**Exploring sex differences in extrapulmonary manifestations of Sarcoidosis: a monocentric retrospective study** Tommaso Pianigiani (Siena, Italy), Giulio Natalello, Akter Dilroba, Laura Bergantini, Miriana D'Alessandro, Paolo Cameli, Elena Bargagli
PA5135	**Alveolar diffusion parameter in hyper polarized 129Xenon MRI imaging correlates significantly with lung function in patients with pulmonary sarcoidosis** Sabrina Zulfikar (Oxford, United Kingdom), James Grist, Iony Evans, Leizl Alvarez, Kenneth Jacob, Avianna Laws, Fergus Gleeson, Ling-Pei Ho
PA5136	**Distinguishing Lymph Node Tuberculosis and Pulmonary Sarcoidosis Using NMR-Based Metabolomics: Insights from a North Indian Cohort Study** Alok Nath (Lucknow (Uttar Pradesh), India), Dinesh Kumar, Sachin Yadav, Kritika Singh, Vikas Agarwal, Ajmal Khan, Zia Hashim, Mansi Gupta
PA5137	**The potential role of lymphocytes T activation markers: CD38 and HLA-DR and novel hematological parameters in lymph node assessment of different stages of pulmonary sarcoidosis.** Agata Raniszewska (Warszawa, Poland), Iwona Kwiecień, Elżbieta Rutkowska, Rafał Sokołowski, Joanna Bednarek, Piotr Miklusz, Karina Jahnz-Różyk, Joanna Domagała-Kulawik, Piotr Rzepecki
PA5138	**YACTA airway analysis in sarcoidosis** Cormac McCool (Belfast, United Kingdom), Lisa Graham, Victoria Steele, Eddie Gibson, Rory Kelly, Paul Minnis
PA5139	**Late Breaking Abstract - Inhalation innovation: phase 2 study design of inhaled nintedanib in the treatment of idiopathic pulmonary fibrosis** Elena Alhaja (Barcelona, Spain), Michael Kreuter, Howard M Lazarus, Debra Murwin, Craig Conoscenti, Joyce Lee

PS-38 Session 423 08:00 - 09:30

Poster session: Pulmonary arterial hypertension: risk assessment and impact of current and newly developed treatments

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Physiology Public health Pulmonary function testing Imaging Epidemiology Respiratory intensive care

Chairs : Laurent Savale (Le Kremlin-Bicêtre, France), Jurjan Aman (Amsterdam, Netherlands)

PA5140	**Sotatercept in pulmonary arterial hypertension (PAH): long-term follow-up in SOTERIA** Ioana R Preston (Burlington, United States), David Badesch, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marius Hoeper, Marc Humbert, Vallerie V. Mclaughlin, Aaron B. Waxman, Solaiappan Manimaran, Howard M. Julien, Harald S. Mackenzie, Maria José Loureiro, Alexandra G. Cornell, Rogerio Souza
PA5141	**Cardiopulmonary exercise testing responses to treatment in patients with pulmonary arterial hypertension and cardiopulmonary comorbidities** Andrea Baccelli (London, United Kingdom), Rocco F. Rinaldo, Rachel J. Davies, Beatrice Vigo, Francesco Lo Giudice, Gulammehdi Haji, Luke S. Howard
PA5142	**Risk assessment in Pulmonary Arterial Hypertension: comorbidities impact** Albert Riudor Guri (Barcelona, Spain), Ricardo José Aguilar Colindres, Marina Paredes López, Ana María Ramírez, Montse Raventós Catasús, Joan Albert Barberà Mir, Isabel Blanco Vich
PA5143	**Seralutinib increases small pulmonary artery vessel volume and reduces vessel wall remodeling: Insights from AI-driven CT imaging analysis** Raul San Jose Estepar (Somerville, United States), Pietro Nardelli, Robin Osterhout, Jean-Marie Bruey, Thao Duong-Verle, Richard Aranda, Roham T. Zamanian, Lawrence S. Zisman, Farbod N. Rahaghi

PA5144	**Seralutinib decreases endotrophin (PRO-C6) production, a mediator of fibrosis and inflammation, in an in vitro model of pulmonary fibrosis** Zhaoqing Ding (San Diego, United States), Mark Kuipers-Skarsfeldt, Robin Osterhout, Filipa B. Simões, Jannie Marie Bülow Sand, Lawrence S. Zisman, Sidra Hoffman, Robert F. Roscigno, Richard Aranda, Lawrence Ho, Ravikumar Sitapara, Eduardo Garcia, Anna R. Hemnes, Roham T. Zamanian, Bruno Guedes Baldi, Rogério Souza, Tomás Pulido, Morten Karsdal, Jean-Marie Bruey, Toby M. Maher
PA5145	**Pre-license patient access Program of Sotatercept in high-risk PAH patients under triple combination therapy, in a greek PAH centre** Frantzeska Frantzeskaki (Anoixi, Greece), Dimitrios Konstantonis, Maria Melissopoulou, Maria Doumani, Iraklis Tsagkaris
PA5146	**A longitudinal study of digital walk tests in the community: patient-centred measures of activity in patients with pulmonary hypertension.** Joseph Newman (Cambridge, United Kingdom), Vidisha Handoo, Eckart De Bie, Lucy Robertson, Hakim Ghani, Shiv Munagala, Rowena Jones, Iain Armstrong, Elin Haf Davies, Matt Granato, Katherine Bunclark, John Cannon, Karen Sheares, Dolores Taboada Buasso, Joanna Pepke-Zaba, Frances Varian, Colin Church, Gerry Coghlan, Stefan Gräf, Luke Howard, David Kiely, Jim Lordan, Rob Mackenzie Ross, S. John Wort, . Pulmonary Hypertension Global Patient Survey Collaboration, . Uniphy Clinical Trials Network, . National Cohort Study Of Pulmonary Hypertension, Alex Rothman, Mark Toshner
PA5147	**Long-term efficacy and safety of rehabilitation in stable PAH patients: results from the FONCE-HTAP trial** Laurent Bertoletti (Saint Etienne Cedex, France), Ségolène Turquier, Hélène Bouvaist, Cécile Tromeur, Irina Enache, Marie-France Seronde, Claire Dauphin, Remi Diesler, Marianne Noirclerc, Francis Couturaud, Souad Bezzeghoud, Carine Labruyere, Céline Chapelle, Clément Boissin, David Montani, Vincent Cottin, Christophe Pison, Frédéric Costes, David Hupin
PA5148	**Five-year survival in Pulmonary Hypertension patients: risk stratification by a machine learning approach.** Maria Pia Claudia Varlese (Foggia, Italy), Pasquale Tondo, Fabiola Murgolo, Giulia Scioscia, Giuseppe Galgano, Daphne Aruanno, Lucia Tricarico, Maria Pia Foschino Barbaro, Michele Correale, Donato Lacedonia
PA5149	**Assessment of Pulmonary Arterial Hypertension management at the time of death: a comparative study between France and the UK** Athénaïs Boucly (Paris, France), Laurent Savale, Luke Howard, Xavier Jaïs, Mitja Jevnikar, David Montani, Christopher Rhodes, Marc Humbert, Martin Wilkins, Olivier Sitbon
PA5150	**Impact of dynapenia on the prognosis of patients at high risk of pulmonary hypertension.** Ana Gabriela Meléndez Galeana (México, Mexico), Laura Patricia Arcos Pacheco, Dulce González Islas, Rocío Sánchez, Arturo Orea Tejeda, Andrea Barcenas Montiel, Danna Paola Jiménez Cruz, Magaly Arroyo, Ariana Hernández, Carlos Patricio Chávez Guzmán, Luis Aldo Delgado Pérez, María José Hernández Hernández, Esteban Marsel Bazaldua Pacheco, Nadia Hernández López, Juan García, Mariana Valdés Moreno, José García
PA5151	**Prognostic value of right ventricular myocardial work in patients with pulmonary arterial hypertension** Simon Valentin (Nancy, France), Nathalie Pace, Filippetti Laura, Fraix Antoine, Olivier Huttin, Damien Mandry, Freddy Odille, Anne Guillaumot, Christine Selton-Suty, Ari Chaouat
PA5152	**Usefulness of Risk Stratification in the 2022 ESC/ERS Guidelines for group 3 Pulmonary Hypertension** Keiko Yamamoto (Chiba, Japan), Nobuhiro Tanabe, Jun Nagata, Akira Naito, Ayumi Sekine, Rika Suda, Toshihiko Sugiura, Ayako Shigeta, Seiichiro Sakao, Koichiro Tatsumi, Takuji Suzuki
PA5153	**Evaluating the Prognostic Accuracy of ESC/ERS Risk Stratification Models in Pulmonary Arterial Hypertension Patients in Saudi Arabia** Abdullah Alharbi (Riyadh, Saudi Arabia), Abdalaziz Biyari, Abdulrahman Basuwdan, Osama Alrodiman, Abdullah Ba Suliman, Bader Alyousef
PA5154	**Dose rationale for UNISUS, an ongoing, event-driven, phase III superiority study evaluating macitentan 75mg vs 10mg in pulmonary arterial hypertension (PAH)** Dénes Csonka (Allschwil, Switzerland), Juan Jose Perez Ruixo
PA5155	**Risk Improvements in Ralinepag Open-Label Extension** Colin Church (Glasgow (Glasgow), United Kingdom), George Giannakoulas, Gisela Martina Bohns Meyer, Joan Albert Barberà, Søren Mellemkjær, J Gerry Coghlan, John Feenstra, Miluska Escudero, Victoria Lacasse, Wei Zhao, Scott Seaman, Derek Solum, Marc Humbert
PA5156	**Real-world clinical outcomes according to individualised selexipag dose in pulmonary arterial hypertension (PAH)** Tobias Lange (Bad Reichenhall, Germany), Pilar Escribano-Subias, Julian Borissoff, Catarina Fernandes, Martina Fontana, Apoorva Venkatesh, Stefan Söderberg, Sean Gaine
PA5157	**Partial remission induction in pulmonary arterial hypertension and its predictors** Keiichiro Kuronuma (Okayama, Japan), Shunsuke Chikama, Yasuhito Hamaguchi, Akira Honda, Misaki Kanezawa, Soichiro Kobashi, Fumi Yokohama, Tomonari Kimura, Masataka Shigetoshi, Isao Tabuchi, Hiroto Shimokawahara, Atsuyuki Watanabe, Hiromi Matsubara

PA5158 **µCT Analysis of Microvascular Hemodynamics in PAH**
Gitte Aerts (Leuven, Belgium), Lynn Willems, Astrid Vermaut, Vincent Geudens, Pieterjan Kerckhof, Charlotte Hooft, Laura Hardy, Xin Jin, Emanuele Muscogiuri, Marion Delcroix, Rozenn Quarck, Bart M. Vanaudenaerde, Laurent Godinas

PA5159 **Tissue and peripheral oxygen saturation during maximal exercise in pulmonary hypertension**
Carolina Dorigon (Campinas, Brazil), Kelvin Ribeiro, Tatiana Kyota, Layse Nakazato, Giovani Martins, Paulo Mendes, Lígia Ratti, Rickson Mesquita, Monica Pereira

PS-39 Session 424 08:00 - 09:30

Poster session: Pulmonary embolism poster session 2

Disease(s) : Pulmonary vascular diseases | Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Imaging | Epidemiology | General respiratory patient care | Physiology | Respiratory intensive care | Endoscopy and interventional pulmonology | Pulmonary function testing | Pulmonary rehabilitation | Surgery | Cell and molecular biology

Chairs : Luke Howard (London, United Kingdom), Sladjana Radosavljevic (Novi Sad, Republic of Serbia)

PA5160 **Development of a machine learning-based model to predict overall survival in CTEPH patients with low muscle mass: a cohort study**
Kai Wang (Beijing, China), Xiangnan Li, Gang Hou, Xiaoming Zhou

PA5161 **The role of Q-SPECT CT in identifying post-pulmonary embolism sequelae: a novel approach to risk stratification and management**
Igor Ivanes (Chisinau, Republic of Moldova), Galina Sorici, Irina Civirjic, Nadejda Diaconu, Aurel Grosu, Marina Gorohova, Anastasia Ivanes, Ana Plugaru, Rada Ambroci, Victoria Caraus, Diana Lupu, Olga Rusanovschi- Balica, Artiom Surev

PA5162 **Investigation of the sclerosing effect of increasing doses of polidocanol on pulmonary vessels: Experimental study**
Duygu Zorlu (İzmir, Turkey), İmran Özdemir, Nuray Bayar Muluk, Enes Güngör, Evrim Yilmaz, Cemal Cingi

PA5163 **Venous and arterial thromboembolic complications in covid-19: prevalence and risk factors in the intensive care setting**
Amira Jamoussi (Ariana, Tunisia), Mohamed Khalil Ghozzi, Nacef Ben Mrad, Selim Sellaouti, Emna Rachdi, Saoussen Hantous, Samia Ayed, Jalila Ben Khelil

PA5164 **Gaps and comparison in knowledge and management on venous thromboembolism in nephrotic syndrome: a national survey of pulmonologists and nephrologists**
Dingyi Wang (Beijing, China), Xiaomeng Zhang, Xin Liu, Guohui Fan, Zhenguo Zhai

PA5165 **Exploring correlation between alkaline phosphatase and venous thromboembolism in East Asian populations: a cohort and Mendelian randomization study**
Haobo Li (Beijing, China), Haichao Wu, Zhu Zhang, Siyuan Liang, Zhenguo Zhai

PA5166 **Prevalence and characteristics of OSA patients in a pulmonary embolism clinic**
Laura Castellanos López (Madrid, Spain), Mateo Hevia Menéndez, Elabbes Riffai, Manuel Emilio James Sosa, María González González, Julio Ancochea Bermúdez, Elena Ávalos Pérez-Urria, Pedro Landete Rodríguez, Emma Vázquez Espinosa

PA5167 **Comparison of international guideline recommendations for the treatment of acute pulmonary embolism**
Casper Falster (Odense, Denmark), Gro Egholm, Jess Lambrechtsen, Asger Andersen, Rupert Bauersachs, Frederikus Klok, Anton Vonk Noordegraaf

PA5168 **Machine learning uncovers risk factors for cardiopulmonary events in real-world COPD patients**
Matthew Moll (Boston, United States), Fang Liz Zhou, Majd Mouded, Claire Brulle-Wohlhueter, Lynda M Cristiano2, Nina Temam, Julie Barberio, Théophile Reppelin, Ce Jiang, Louise Dry, Muthiah Vaduganathan

PA5169 **Prediction of arterial blood gas parameters using artificial intelligence algorithms**
Gergely H. Fodor (Szeged, Hungary), László Ábel Szűcs, Ádám L. Balogh, Barna Babik, Ferenc Peták

PA5170 **Late Breaking Abstract - A Novel Diagnostic Strategy to Rule Out Pulmonary Embolism During Pregnancy: Combination of Trimester-Based D-dimer Thresholds and the Pregnancy-Adapted Simplified Wells Score**
Sedat Çicek (Antalya, Turkey), Ömer Özbudak

PA5171 **Late Breaking Abstract - Prognostic impact of soluble lectin-like oxidized low-density lipoprotein receptor-1 in intermediate-risk acute pulmonary embolism: a multicenter cohort study**
Feiya XU (Beijing, China), Jixiang Liu, Yu Zhang, Zhenguo Zhai

PA5172 **Late Breaking Abstract - The accuracy of ICD-10 diagnostic codes for the identification of Pneumothorax and Pulmonary Embolism: a retrospective study in two UK centres.**
Tatiana Hamakarim (Maidstone, United Kingdom), Prerna Bhutra, David E. Henshall

PA5173	**Late Breaking Abstract - Upregulation of CXCL10/CXCR3 axis induced by pulmonary hemodynamic stress promotes vascular remodeling in chronic thromboembolic pulmonary hypertension** Cheng Hong (Guangzhou, China), Jianmin Lu
PA5174	**Late Breaking Abstract - Automated detection of chronic thromboembolic disease on routine CT pulmonary angiogram** Michael Sharkey (Sheffield, United Kingdom), Lojain Abdulaal, David Kiely, Andrew Swift
PA5175	**Late Breaking Abstract - Characterizing manifestations of optical coherence tomography in pulmonary arterial lesions** Cheng Hong (Guangzhou, China), Jielong Lin, Jiawei Long

PS-4 Session 425 08:00 - 09:30

Poster session: New insights: the physiology of airflow obstruction

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation Epidemiology Imaging Public health

Chairs : Maximillian Thomas (Brighton, United Kingdom), Chair to be confirmed

PA5176	**Predicting real-world minute ventilation in COPD using field walking tests** Aslihan Cakmak-Onal (Ankara, Turkey), Joren Buekers, Sophie Kittmann, Guillermo Villanueva, Alícia Josa-Culleré, Ioar Rivas, Elena Gimeno-Santos, Mariona Font, Judith Garcia-Aymerich, Sarah Koch
PA5177	**In-phase chest wall vibration improves exercise tolerance and physiology in COPD** Dylan Creane (Bray, Ireland), Miriam Savage, Anthony Pierce, Chris Simpson, Eimear O'Brien, Jane Dickson, Seamus Linnane
PA5178	**Hyperinflation predicts incremental shuttle walk distance in COPD** Meera Srinivasan (Canberra, Australia), David Touma, Kaj Blokland, Katrina Tonga, David Chapman, Gregory King
PA5179	**Contrasting GOLD and STAR classifications of spirometric COPD severity: relationship with clinical exercise testing outcomes** Danilo C Berton (Porto Alegre (RS), Brazil), Abed Hijleh, Fernanda O B Silva, Matthew James, Sandra Vincent, Nicolle Domnik, Denis O'Donnell, J Alberto Neder
PA5180	**Structural and functional abnormalities in pulmonary gas exchange efficiency at rest and exercise in mild COPD: a Phase-Resolved Functional Lung (PREFUL)-MRI study** Matthew D. James (Kingston (ON), Canada), Andreas Voskrebenzev, Filip Klimeš, Sandra G. Vincent, Reggie Smyth, John Mccleary, Guilherme Back, Alessandro Porcella, Sebastian Rodriguez-Llamazares, Amirali Mahpour, Nicolle J. Domnik, Marina Pourafkari, Miranda Kirby, William Stringer, Janos Porszasz, Denis E. O'Donnell, Jens Vogel-Claussen, J. Alberto Neder
PA5181	**FEV_3/FVC as a marker of disease severity and functional impairment in COPD** Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Salma Bouslama, Soumaya Khaldi, Saloua Ben Khamsa Jameleddine
PA5182	**Novel contrast-free CT perfusion for measuring perfusion defects in COPD and PE** Kris Nilsen (PRESTON, Australia), Nina Eikelis, Fouras Andreas, Sarath Raju, Nareth Punjabi, Charles Hatt, Trishul Siddharthan
PA5183	**Is FEV1 Q a good prognostic tool in COPD?** Salma Mokaddem Mohsen (Tunis, Tunisia), Hela Cherif, Ibtissem El Ghazzani, Amina Debbiche, Soumaya Debiche, Ferdaous Yangui, Mohamed Ridha Charfi
PA5184	**CPET Assessment: Which Test Provides the Best Insights for COPD and Heart Failure?** Juan Fco. Nieves Salceda (Oviedo, Spain), Marina Acebo Castro, Julia Herrero Huerta, Marta Iscar Urrutia, Claudia Mañana Valdes, Maria Rodil Riera, Paloma Fernandez Antuña, Rocio Lopez Amaro, Marta Maria Garcías Clemente
PA5185	**Using AI-techniques to assess dynamic mechanical-ventilatory constraints and exertional dyspnoea during CPET in the CanCOLD study** J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Matthew James, Reginald Smyth, Sandra Vincent, Dennis Jensen, Nicolle Domnik, Devin Phillips, Denis E. O'Donnell
PA5186	**Prevalence and prognosis of CT lung pathology among adults meeting lung function reference population eligibility criteria: a CanCOLD study** Cole Bowerman (Kingston, Canada), David Yabar, Sophie Collins, Miranda Kirby, Nicolle Domnik, Devin B. Phillips, Benjamin Smith, Dennis Jensen, Jordan A. Guenette, Geoff Makysm, Michael K. Stickland, Wan Tan, Jean Bourbeau, Sanja Stanojevic

PA5187 **Appetite and longitudinal effects on weight and muscle function in COPD**
Timothy O Jenkins (London, United Kingdom), Ayesha Syeda, Suhani Patel, George Edwards, Claire Nolan, Jane Canavan, Samantha Kon, Ruth Barker, Matthew Maddocks, William Man

PA5188 **Using breath-by-breath volumetric capnography to link gas exchange to exertional ventilatory efficiency in mild-moderate COPD**
Matthew D. James (Kingston (ON), Canada), John Mccleary, Guilherme Back, Karam Alosta, Sandra G. Vincent, Reggie M. Smyth, Chu-Yi Wang, Sebastian Rodriguez-Llamazares, Amirali Mahpour, William Stringer, Janos Porszasz, Denis E. O'Donnell, J. Alberto Neder

PA5189 **Mechanical-ventilatory responses and exertional dyspnoea in ever-smokers at risk for COPD in CanCOLD: an AI-based study**
Abed Hijleh (Kingston, Canada), Danilo C Berton, Igor Neder-Serafini, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Devin Phillips, Denis E O'Donnell, J Alberto Neder

PA5190 **Respiratory EMG and dyspnea during exercise in COPD patients**
Britt J. M. H. Dörssers (Maastricht, Netherlands), Jeannet M. Delbressine, Geert Morren, Bart Gerritse, Gregory Hilleren, Fabio Pradella, Eefje V. M. Janssen, Martijn A. Spruit, Anouk W. Vaes

PA5191 **Does FEV1/FVC STAR relate better to sensory-physiological responses to exercise than FEV1 z-scores in patients with COPD?**
Danilo C Berton (Porto Alegre (RS), Brazil), Abed Hijleh, Fernanda Silva, Matthew James, Sandra Vincent, Nicolle Domnik, Denis E Donnell, J Alberto Neder

PA5192 **Impact of PRISm pattern in ventilatory and sensorial responses to exercise**
Alice Scussel (Porto Alegre (RS), Brazil), Nathália Galvagni Rodrigues, Litiele Evelin Wagner, Amanda Calage Pinto, Artur Zanelatto Santos, Laura Correa De Barros Trombin, Fernanda Oliveira Baptista Da Silva, Filipe De Matos Sanchez, Marli Maria Knorst, James Dean, Dave Singh, Danilo Cortozi Berton

PA5193 **Diagnostic grade SHAP-prioritised machine learning for spirometry from high-dimensional qCT**
Ollie Pitts (London, United Kingdom), Rosella Arcucci, Anand Shah, Alex Bell, Christopher Brightling, Dave Singh, Janwillem Kocks, Leonardo Fabbri, Alberto Papi, Klaus Rabe, Maarten Van Den Berge, Monica Kraft, Salman Siddiqui

PA5194 **Detection of local ventilation defects using xenon-enhanced dynamic dual-energy CT**
Emma Verelst (Brussel, Belgium), Sylvia Verbanck, Gert Van Gompel, Nico Buls, Sam Bayat

PA5195 **A novel approach to differentiate obstructive lung disease from health.**
Sanja Stanojevic (Halifax (NS), Canada), David Yabar, Lauren Duggan, Sophie Collins, Miranda Kirby, Nicolle Domnik, Devin Phillips, Benjamin Smith, Dennis Jensen, Jordan Guenette, Geoff Makysm, Michael Stickland, Wan Tan, Jean Bourbeau

PS-40 Session 426 08:00 - 09:30

Poster session: Cryobiopsy

Disease(s) : Thoracic oncology | Interstitial lung diseases | Respiratory critical care | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Imaging

Chairs : Ales Rozman (Golnik, Slovenia), Francesca Conway (London, United Kingdom)

PA5196 **Transbronchial mediastinal cryobiopsy guided by endobronchial ultrasonography: case series of 234 cases**
Mario García García (Málaga, Spain), Jessica Martinez Molina, Esperanza Salcedo Lobera

PA5197 **Endobronchial ultrasound guided transbronchial mediastinal cryobiopsy in the diagnosis of mediastinal lesions:an experience of 202 cases from a tertiary care hospital**
Chinnu Sasikumar (Kodungallur, India), Viswesvaran Balasubramanian, Ramya Malipeddi Reddy, Pankti Sheth

PA5198 **Enhanced diagnostic yield of cryo-EBUS versus EBUS-TBNA in non-lung cancer thoracic disease**
Adriana Dias (Braga, Portugal), Matilde Almeida, Paulo Matos, Michele Santis, Luís Rodrigues, Lourdes Barradas

PA5199 **Clinical utility of CRYO-EBUS in diagnosis of inflammatory diseases and neoplasms.**
Andrea Vera Pila (Azuaga, Spain), Irene Pacheco Carrillo, Teresa Mascarell Roda, Jesús Vázquez Domínguez, Javier Gallego Borrego, Nuria Reyes Núñez

PA5200 **Augmenting diagnostic yield of EBUS with combination of transbronchial mediastinal cryobiopsy (TMC) and transbronchial needle aspiration (TBNA)**
Chandragiri Pranay sai (WARANGAL, India), Karan Madan, Anant Mohan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Aruna Nambirajan, Ashu Bhalla

PA5201	**Practical application of radiological criteria to select patients undergoing cryo-EBUS** Francesco Todisco (Grottaglie, Italy), Filippo Patrucco, Luca Riberi, Aleksandar Veljkovic, Letizia Valsecchi, Giancarlo Vallese, Paola Rebecca Iovine, Martina Ubaldi, Giuseppe Ielo, Davide Indellicati, Massimo Comune
PA5202	**Cryo-EBUS vs. EBUS-TBNA: Raising the Bar in Thoracic Sampling** Alessandro Capuano (Bari, Italy), Roberto Piro, Patrizia Ruggiero, Matteo Fontana, Laura Rossi, Eleonora Casalini, Sofia Taddei, Nicola Cosimo Facciolongo, Vitaliano Nicola Quaranta, Elisiana Giovanna Carpagnano
PA5203	**EBUS-TBMC: Technical Aspects and Diagnostic Yield in a selected cohort** Martina Ubaldi (Roma, Italy), Paola Rebecca Iovine, Giuseppe Ielo, Francesco Todisco, Giancarlo Vallese, Filippo Patrucco
PA5204	**Feasibility of transbronchial mediastinal cryobiopsy after EBUS-TBNA with Crown-Tip vs Single Bevel Needles** Alessandro Fusco (Latina, Italy), Luca Ciani, Leonardo Giuntoli, Valentina Luzzi, Marco Trigiani, Paolo Fandelli, Sara Tomassetti
PA5205	**Endobronchial Ultrasound-Guided Cryobiopsy for Centrally Located Intrapulmonary Lesions** Toshiyuki Nakai (Osaka, Japan), Sayaka Tanaka, Yuri Oshima, Kentaro Ueno, Masaya Tsutsumi, Hiroaki Nagamine, Atsushi Miyamoto, Misako Nishimura, Yoshiya Matsumoto, Kanako Sato, Kazuhiro Yamada, Tetsuya Watanabe, Kazuhisa Asai, Yuji Matsumoto, Yu Mikami, Tomoya Kawaguchi
PA5206	**Evaluation of Cryoprobe Biopsy In Diagnosis Of Endobronchial Tumors** Magdy Shohdy (Cairo, Egypt), Ahmed Abu Naglah, Ahmed Awis
PA5207	**Endobronchial cryobiopsy is superior to forceps biopsy in moleculargenetic characterization of non-small cell lung cancer** Jürgen Hetzel (Dusslingen, Germany), Irina Bonzheim, Bijoy Atique, Werner Spengler, Thorben Gross, Michael Boeckeler, Felix Everinghoff, Christoph Petermann, Kaid Darwiche, Ralf Eberhardt, Stefan Eisenmann, Markus Tiemann, Dirk Theegarten, Claudia Wickenhauser, Rainer Muche, Hans Boesmueller, Lars Zender, Falko Fend, Maik Haentschel
PA5208	**Randomized study comparing diagnostic yield of cryo-EBB vs forceps EBB in suspected sarcoidosis** Ajmal Khan (Lucknow (Uttar Pradesh), India), Yash Jagdhari, Mansi Gupta, Alok Nath, Sushila Jaiswal, Prasanth Ap
PA5209	**Diagnostic utility of endobronchial ultrasound guided – intrabronchial forceps biopsy (EBUS-IFB) in evaluation of mediastinal lymphadenopathy** Richu Kurien (Vellore, India), Priya N, Balamugesh Thangakunam, Barney Isaac, Thomas Alex Kodiatte, Reka Karuppusami
PA5210	**The role of transbronchial lung cryobiopsy in the intensive care unit setting** Simone Petrarulo (Padova, Italy), Tommaso Zanaboni, Virginia Casadio, Giorgia Righini, Stefano Oldani, Sara Piciucchi, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti
PA5211	**Pediatric flexible transbronchial cryobiopsy using small size probe yield high diagnostic results** Signe Thim (Risskov, Denmark), Sune Rubak
PA5212	**Diagnostic Value of endobronchial ultrasound-guided between forceps biopsy and forceps biopsy combined with 1.1 mm. cryobiopsy in peripheral pulmonary lesions: A randomized control trial.** Thanabat Mahasaranon (Nonthaburi, Thailand), Anan Wattanathum, Asma Navasakulpong, Kulachat Ekpumimas
PA5213	**Diagnostic yield between endobronchial ultrasound-guided combined with 1.1-mm cryoprobe and forceps biopsy for peripheral pulmonary lesion: A diagnostic trial** Jaturon Poovieng (Bangkok, Thailand), Kulachat Ekpumimas, Boonsub Sakboonyarat, Anan Wattanathum
PA5214	**Ultrasound-assisted transthoracic cryobiopsy: An innovative technique for diagnosing lung masses** Sebastián Gando (Pilar (Prov. De Buenos Aires), Argentina), Cecilia La Piettra, Adriana Branda, Maria Angelica Saab, Desideria Quecaño Umiri, Roberto Miguel Dure
PA5215	**Comparative analysis of the diagnostic efficacy and safety profile of semi-rigid pleuroscopic cryobiopsy versus forceps biopsy in patients with undiagnosed pleural effusion.** Salman Ayyaz (Multan, Pakistan)

PS-5 Session 427 08:00 - 09:30

Poster session: Chronic noninvasive respiratory support and airway clearance in neuromuscular disease

Disease(s) : Sleep and breathing disorders | Respiratory critical care | Airway diseases

Method(s) : General respiratory patient care | Respiratory intensive care | Pulmonary function testing | Epidemiology

Chairs : Joana Almeida Borges (Coimbra, Portugal), Chair to be confirmed

PA5216	**The Role of Diaphragmatic Ultrasound in Early NIV Indication in ALS Patients** Mikel Sarasate (Barcelona, Spain), Ana Cordoba-Izquierdo, Enric Prats, Raul Dominguez, Edelweis Antón, Lluis Mateu, Luciana Baglivo, Monica Povedano, Eva Farrero
PA5217	**High-pressure ventilation may increase pneumothorax in patients with amyotrophic lateral sclerosis** Nobuhiro Okagaki (Tenri, Japan), Tomomasa Tsuboi, Yuichi Chihara, Kensuke Sumi, Hiroki Takeuchi, Kenji Yamamoto, Takashi Hajiro, Atsuo Sato
PA5218	**Agreement between oronasal and mouthpiece interfaces during peak cough flow measurement in adults with respiratory muscle weakness** Collette Menadue (Camperdown (NSW), Australia), Pui Way Ng, Elizabeth Lambrinos, Olivia Mcguiness, Maree Milross, Amanda Piper
PA5219	**Agreement between oronasal mask and mouthpiece interfaces during measurements of peak cough flow during mechanical in-exsufflation** Collette Menadue (Camperdown (NSW), Australia), Pui Wai Ng, Olivia Mcguiness, Elizabeth Lambrinos, Maree Milross, Piper Amanda
PA5220	**Innovative Airway Clearance: Combining Negative Pressure, Oscillation, and Lavage in Ventilator-Dependent Patients** Naoyuki Ishikita (Sendai, Japan), Yuta Ishimitsu, Tetsuo Miyagawa
PA5221	**Factors influencing adherence to home respiratory therapy in patients with myotonic dystrophy type I** Paula Pujal Montaña (L'Ametlla Del Valles, Spain), Ines Podzamczer Valls, Vera Marcela Lugo Arrua, Maria Carme Puy Rion, Ana Maria Fortuna Gutierrez, Pedro A Anton Albisu, Patricia Peñacoba Toribio
PA5222	**Clinical Characteristics and Management of Adult Patients with Spinal Muscular Atrophy: Experience in a Ventilation Unit** Marc Paredes (Barcelona, Spain), Ana Cordoba, Enric Prats, Eva Farrero, Laura Gonzalez, Edelweis Anton, Lluis Mateu, Luciana Baglivo, Monica Povedano, Mikel Sarasate
PA5223	**Non-invasive ventilation in neuromuscular diseases: psychosocial aspects** Francesca Simioli (Napoli (NA), Italy), Anna Annunziata, Raffaella Manzo, Antonella Marotta, Rosa Cauteruccio, Antonietta Coppola, Giuseppe Fiorentino
PA5224	**Patient outcomes in Motor Neuron Disease treated with Non-Invasive Ventilation: An observational study** Hadeel Al-Husban (Norwich, United Kingdom), Helen Copsey, Tariq Alam, Prasanna Sankaran
PA5225	**Patient reported outcome measures for use of mouthpiece ventilation in neuromuscular conditions from three UK centres** Joshua Bradbury (NOTTINGHAM, United Kingdom), Ahsab Chowdury, Elinor Greenman, Daniella Draicchio, Swapna Mandal, Alison Armstrong, Ben Messer, Milind Sovani
PA5226	**Invasive ventilation in patients with amyotrophic lateral sclerosis before, during and after the COVID-19 pandemic** Andreas Palm (Uppsala, Sweden), Magnus Ekström, Össur Emilsson, Caroline Ingre, Ulf Kläppe, Huiqi Li, Ingela Nygren, Fredrik Nyberg, Mirjam Ljunggren
PA5227	**Factors associated with overall survival in patients with motor neuron disease and respiratory symptoms** Anam Shaikh (Manchester, United Kingdom), Andrew Bentley, Andras Bikov
PA5228	**Optimisation of Sleep and Ventilation pathway for Motor Neuron Disease patients** Khai Zhin Ang (London, United Kingdom), Emily Martin, Annie Jacques, Alex Long, Prina Ruparelia
PA5229	**Evaluation of respiratory insufficiency in patients with amyotrophic lateral sclerosis through transcutaneous carbon dioxide monitoring** Francesca Di Meo (Rome, Italy), Letizia D'Antoni, Fausta Viccaro, Arianna Sanna, Maria D'Andria, Alessandro Siena, Sarah Impagnatiello, Maria Teresa Sanzari, Alessandro Siena, Alice Chillemi, Caterina Debelak, Paolo Palange
PA5230	**Description of a home care project for patients with respiratory support** Carlos Carrera Cueva (Sevilla, Spain), Julia Rodríguez Medina, Esther De Benito Zorrero, Patricia Baez Peinado, Candela Caballero Eraso
PA5231	**Patterns of referral for inpatient transfer to a UK specialist weaning and complex home ventilation unit** Katrina Abernethy (London, United Kingdom), Pritom Dey, Rohan Chavali, Misha Patel, Hibba Ansari, Joerg Steier, Georgios Kaltsakas, Michelle Ramsay, Shelley Srivastava, Rebecca D'Cruz, Neeraj Shah, Khaled Al Arfi, Nicholas Hart, Patrick Murphy, Eui-Sik Suh
PA5232	**High burden of care among inpatients on non-invasive ventilation for chronic hypercapneic respiratory failure** Rui Ya Soh (Singapore, Singapore), Louiselle Allaga Ramos, Quintayo Roberto Jr Espares, Cunanan Aubrey Kuhonta

PA5233 **Leveraging patient experience with a decision-tool for Ventilated patients**
Marie Lambert (Paris, France), Jesus Gonzalez, Ulla M. Weinreich Md, Line H. Storgaard, Rn, Anne-Mette Meldgaard, Arnaud Delanghe, Marius Lebret, Hakjeong Kim

PA5234 **Bench study of pressure-time product of non invasive mechanical ventilators under leaks scenarios**
Daniel López Padilla (Madrid, Spain), Manel Luján Torné, Javier Sayas Catalán, Juan Pablo Utrilla Marchand, Luis Asencio Monteagudo, Elena Ojeda Castillejo, Alicia Cerezo Lajas, Soledad López Martín

PA5235 **Late Breaking Abstract - Standardised Home NIV discharge summary template for patients experiencing hypercapnic respiratory failure improves communication, medical education and a future template for artificial intelligence**
Ami Davies (Hastings, United Kingdom), Thereza Christopherson

PS-6 Session 428 08:00 - 09:30

Poster session: Environmental and host factors shaping lung health: microbiome, epigenetics and post-infectious signatures

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Cell and molecular biology | Epidemiology | Endoscopy and interventional pulmonology | General respiratory patient care | Pulmonary function testing | Public health

Chairs : Chair to be confirmed

PA5236 **Microbial dysbiosis in cannabis smoking is associated with worse respiratory symptoms**
Cassandra Gilchrist (Vancouver, Canada), Xuan Li, Julia Yang, Clarus Leung, Rachel L Eddy, Corey Nislow, Sunita Sinha, Tawimas Shaipanich, Christopher Carlsten, Don D Sin, Janice M Leung

PA5237 **The leukocyte epigenome is associated with salivary bacteria involved in asthma exacerbations**
Javier Perez-Garcia (Palo Alto, United States), Erick Castillo-Vargas, Mario Martin-Almeida, Elena Martin-Gonzalez, Ruperto Gonzalez-Perez, Jose M. Hernandez-Perez, Olaia Sardon-Prado, Paloma Poza-Guedes, Elena Mederos-Luis, Paula Corcuera-Elosegui, Inmaculada Sanchez-Machin, Leyre Lopez-Fernandez, Jesus Villar, Andres Cardenas, Fabian Lorenzo-Diaz, Maria Pino-Yanes

PA5238 **Nasal microbiome diversity and composition are associated with respiratory health in adolescents**
Javier Perez-Garcia (Palo Alto, United States), Anne Bozack, Sheryl L. Rifas-Shiman, Brent Coull, Heike Luttmann-Gibson, Joel Schwartz, Marie-France Hivert, Emily Oken, Diane R. Gold, Andres Cardenas

PA5239 **Mycobiome subtyping of bronchoalveolar lavage (BAL) in individuals with prior tuberculosis**
Animesh Ray (new delhi, India), Pei Yee Tiew, Pooja Sharma, Tiyasha De, Sahar Rafat, Sanjeev Sinha, Naveet Wig, Micheál Mac Aogáin, Mohammed Faruq, Sanjay H Chotirmall

PA5240 **Spatial Transcriptomics reveals biomass smoke extract induced gene expression changes in human lung parenchyma**
Robert J Hall (Nottingham (Nottinghamshire), United Kingdom), Alexander Clay, Michael A Portelli, Binaya Kc, Dhruma Thakker, Ian Sayers, Ian P Hall

PA5241 **Synergistic Effects of Staphylococcus aureus and Cigarette Smoke on Airway Epithelium: A Transcriptomic Analysis**
Ha-Kyeong Won (Seoul, Republic of Korea), Jiwon Lee, Jae Won Yun, Kyung-Eun Park, You Sook Cho, Jun-Pyo Choi, Woo-Jung Song

PA5242 **Machine Learning and Enrichment Analysis Reveal Persistent Protein Signatures in Longitudinal Post-COVID Symptom Trajectories**
Kimon Ntotsis (Leicester, United Kingdom), Claudia Efstathiou, Matthew Richardson, Ryan S. Thwaites, Felicity Liew, Daniel F. Lozano Rojas, Marco Sereno, Rachael A. Evans, Louise V. Wain, Peter J.M. Openshaw, Christopher Brightling, Phosp-Covid Phosp-Covid Collaborative Group

PA5243 **Role of microRNA-NM002 in COVID-19: Implications for lung injury and fibrosis**
Sabrina Setembre Batah (Toronto, Canada), Chirag Vaswani, Amin Ektesabi, Jacqueline Pavelick, Yanbo Wang, Greaton Tan, Maria Carolina Barbosa-Silva, Andrea Rodríguez Herrera, James Tsoporis, Tales De Nadai, Alexandre Fabro, Claudia Dos Santos

PA5244 **Exploring genetic susceptibility to severe COVID-19: Using first telomere-to-telomere reference genome of Han Chinese, T2T-YAO**
Yukun He (Beijing, China), Jianbo Xue, Xinqian Ma, Wenyi Yu, Zhancheng Gao

PA5245 **Antibiotic use and antibiotic resistance genes in the lower airways in patients with chronic lung disease**
Guri Kringeland (Bergen, Norway), Gunnar Husebø, Solveig Tangedal, Andreu Paytuvi, Walter Sanseverino, Daniel Julian, Rune Nielsen, Tomas Eagan

PA5246 **Biomarkers and post COVID-19 respiratory sequalae among Population**
Muhammad Abdullah (Lahore, Pakistan), Anam Naz, Javed Anver, Ammara Hasnain, Ahsan Sattar Sheikh, Amjed Ali, Leah Reznikov

PA5247 **Plasma miRNome Profiling Reveals Subphenotype-Specific Mortality Prediction Models in Elderly COVID-19 Patients**
Manel Perez-Pons (Lleida, Spain), Iván D. Benítez, Marina Rogel Vilanova, Pilar Nogales Moreno, Mariona Puente Moreno, Elena Balaña Prim, Thais Comella, Anna Pérez-Sainz, Irene Cuadrat, Laia Utrillo-Montagut, Francisco Nicolas-Sánchez, Thalía Belmonte, Marta Molinero, María C. García-Hidalgo, Carlos Rodríguez-Muñoz, Anna Moncusí-Moix, Clara Gort-Paniello, Tamara Postigo, Alicia Ortega, Jessica González, Ferran Barbé, Jesús F. Bermejo-Martin, Gerard Torres, David De Gonzalo-Calvo

PA5248 **A retrospective analysis of Non-small cell lung cancer molecular profiling in Malta – The association between smoking status and PD-L1 and EGFR expression**
Michael Pace Bardon (Swieqi, Malta), Jessica Saliba, Joanne D'Amato, Justine Borg, Matthew Spiteri, Jade Camilleri, Ian Said-Huntingford

PA5249 **Inflammation and apoptosis are deregulated in sputum cells derived from patients with post-infectious bronchiolitis obliterans**
Ralf Schubert (Frankfurt, Germany), Lucy Gronau, Silvija Pera Jerkic, Ludwig Prosinger, Karen Naegele, Jordis Trischler, Katharina Bluemchen, Stefan Zielen

PA5250 **Evaluating the Contribution of Chorioamnionitis to the Lung Phenotype of the Premature Rabbit Model of Bronchopulmonary Dysplasia**
Giorgio Aquila (Parma, Italy), Francesca Stretti, Emilie Goffinon, Yannick Regin, Marnel Greyling, Gino Villetti, Xabier Murgia, Jaan Toelen, Francesca Ricci

PA5251 **METTL3-Mediated m6A Modification of MUC1 Facilitates Epithelial Mesenchymal Transition and Promotes Pulmonary Fibrosis Induced by Silica**
Haoyu Yin (Wuhan, Hubei, China), Weihong Chen, Jixuan Ma

PA5252 **Late Breaking Abstract - Smoking and alcohol drinking increases the risk of bronchiectasis in CFTR p.Phe508del carriers**
Simon Rousseau (Montreal, Canada), Sahar Mikaeeli, Tomoko Nakanishi, Pei Zhi Li, Thomas Zheng, Sirui Zhou, Jean Bourbeau

PA5253 **Late Breaking Abstract - Epigenetic reprogramming of pathological lung fibroblasts mediated by a repeat element -targeting oligonucleotide**
Alexandra Iouranova (Epalinges, Switzerland), René Dreos, Diana Cruz, Rasha Jaber, Chih-Liang Tien, Heather Lynn, Fanny Kling, Claire Roberts, Kristen Gentry, Joaquim Cruz, Francesco Carelli, Alexis Loetscher, Baroj Abdulkarim, Maria Marcuello, Douglas Chapski, Ana Catarina Silva, Marco Mina, Rudi Micheletti, Jordan Shin, James Karras, Daniel Blessing, Samir Ounzain

PA5254 **Late Breaking Abstract - Influence of gut microbiome and plasma metabolome on asthma in the Lifelines cohort**
Rashad Mohammad Mahbub (Sydney, Australia), Ranko Gacesa, Rinse Weersma, Brian Oliver, Judith Vonk, Maarten Van Den Berge, Alen Faiz

PA5255 **Late Breaking Abstract - Heated Tobacco Products Disrupt Alveolar Macrophage Function and Lung Homeostasis**
Perrine Donay (Liège (Sart-Tilman), Belgium), Didier Cataldo, Marie-Julie Nokin

PS-7 Session 429 08:00 - 09:30

Poster session: Advances in in vitro systems for understanding and treating pulmonary disease

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Endoscopy and interventional pulmonology | Physiology | Transplantation

Chairs : Anne M. van der Does (Leiden, Netherlands), Antonella Dost (Utrecht, Netherlands)

PA5256 **Contact-compression induces inflammatory and remodeling responses in bronchial epithelial cells**
Akash Gupta (Groningen, Netherlands), Janette. K Burgess, Dirk-Jan Slebos, Simon. D Pouwels

PA5257 **Modeling emphysematous-tissue related cellular subsets for future use in advanced cell culture models**
Philip Jalink (Leiden, Netherlands), Charlotte J.N. Ovaa, Eric D.L. Muré, Pieter S. Hiemstra, Irene Heijink, Anne M. Van Der Does

PA5258 **Removal capacity of activated neutrophils by polymyxin B immobilized fiber (PMX) column**
Yohei Miyamoto (Tokyo, Japan), Ayuka Suzuki, Hiroki Otsuka, Ryosuke Kobayashi, Yumiko Sekiya, Yoko Koga, Hiroyuki Meguro, Nobuo Ida, Yuta Takashima, Makiko Miyata

PA5259	**Elastase-treated precision cut lung slices - a novel model to test pirfenidone repurposing for COPD exacerbations** Jane Bourke (Clayton (VIC), Australia), Belinda Thomas, Julia Chitty, Azaan Ali, Philip Bardin
PA5260	**Impedance-based assay as an alternative strategy to measure airway smooth muscle contraction** Yassine Amrani (Leicester (Leicestershire), United Kingdom), Mohamad Chebbo, Claire Hollins, Luke Bonser, Josquin Nys, Suzanne Cohen
PA5261	**Downregulation of inflammatory miRNAs in Cystic Fibrosis by novel drug-delivery systems** piera soccio (Foggia (FG), Italy), Annalucia Carbone, Pasquale Tondo, Giulia Scioscia, Sante Di Gioia, Maria Pia Foschino Barbaro, Emanuela Fabiola Craparo, Sofia Bonsignore, Cinzia Scialabba, Gennara Cavallaro, Pamela Vitullo, Massimo Conese, Donato Lacedonia
PA5262	**The usefulness of flow cytometry bronchoalveolar lavage fluid cellular profile analysis in differentiating patients with interstitial lung changes.** Elżbieta Rutkowska (Warsaw, Poland), Iwona Kwiecień, Agata Raniszewska, Izabela Toczyska, Karina Jahnz-Różyk, Piotr Rzepecki
PA5263	**Neonatal lung dysbiosis models to investigate mucosal allergic priming** Kirby Frank (Lausanne, Switzerland), Ines Di Resta, Apiha Shanmuganathan, Aurelien Trompette, Christophe Von Garnier, Niki Ubags
PA5264	**Characterization of an anti-CTGF mAb in mouse Precision Cut Lung Slices (PCLSs) as an ex vivo tool for the evaluation of different MoAs** Carmelina Di Pasquale (Parma, Italy), Caterina Amato, Annalisa Murgo, Fabrizio Facchinetti, Gino Villetti
PA5265	**Scalable 3D-Bioprinted induced pluripotent stem cell-derived alveolar epithelial type 2 cell (iAT2) spheroids** Cormac Murphy (Dublin, Ireland), Anja Schweikert, Amy Duffy, Xi Jing Teoh, Spandana Koitan, Mari Ozaki, Killian Hurley
PA5266	**Tissue engineering is required to predict the influence of perfluorocarbon exposure in the human airways.** Eugenio Roscioli (Adelaide (SA), Australia), Shawn Liu, Filbert Christone
PA5267	**Enabling airway regenerative medicine with enhanced primary basal cell culture** Jessica Orr (London, United Kingdom), Andrew Farr, Elizabeth Haughey, Niamh Mccarthy, Maral Rouhani, Charlotte Percival, David Pearce, Chun Hang Lau, Yuki Ishii, Christopher O'Callaghan, Sam Janes, Robert Hynds
PA5268	**LSC - 2025 - Enhanced cell culture medium improves airway epithelial cell transplantation and allows the generatio n of clonally derived disease models.** Jessica Orr (London, United Kingdom), Elizabeth Haughey, Andrew Farr, Niamh Mccarthy, Maral Rouhani, Charlotte Percival, David Pearce, Joshua Searle, Chun Lau, Yuki Ishii, Christopher O'Callaghan, Sam Janes, Robert Hynds
PA5269	**Identification of suitable sputum processing methods for robust downstream biomarker analysis in bronchiectasis** RUI WANG (Cambridge, United States), Cuixia Pan, Xinyan Miao, Nan Ni, Ruby Tang, Jeremy Fu, Cecilia Deantonio, Willy Roque Barboza, Benjamin Suratt, Lei Tang, Weijie Guan
PA5270	**Therapeutic Potential of MSCs in ARDS/Sepsis and Immunomodulatory Effects on Immune Cells** Rui Shi (Galway, Ireland), Masterson Claire, Bairbre Mcnicholas, John Laffey, Petra Bryda, Daniel Fuller, Daniel Patrick
PA5271	**Nature of the initial aggression differentially alters alveolar macrophage phagocytic function in an human in vitro model** Emilie Vernay (Lyon, France), Elisabeth Cerrato, François Santinon, Anne-Claire Lukaszewicz, Jean-François Llitjos
PA5272	**Matrix Stiffness Promotes Cigarette Smoke-induced Pro-inflammatory Secretion in Small Airway Epithelial Cells via PIEZO1 Activation** Jun Chen (Chengdu, China), Yutian Zhang, Bi Ran, Tao Wang, Fuqiang Wen
PA5273	**Late Breaking Abstract - Novel alveolar organoid-on-chip platform for airway parenchyma disease modelling** Nicolas Mercado (Basel, Switzerland), Reiner Wimmer, Raquel Calcada, Remi Villenave
PA5274	**Optimisation of a novel single cell transcriptomic platform utilising cryopreservation of bronchial mucosal cells in asthma** Harold Wilson-Morkeh (London, United Kingdom), William T Fulton, Julia Aniscenko, Tata Kebadze, Janice A Layhadi, Beverly Kowlessar, Eva Fiorenzo, Maria F Prendecki, Michael R Edwards, Sebastian L Johnston, Mohamed H Shamji, Salman Siddiqui
PA5275	**Late Breaking Abstract - B-Cell Crossmatch Positivity Predicts Worse CLAD-Free Survival Post-Lung Transplant** Andrea Zajacova (Leuven, Belgium), Hanne Beeckmans, Marta Zapata-Ortega, Pieterjan Kerckhof, Charlotte Hooft, Bart Vanaudenaerde, Steffi De Pelsmaeker, Saskia Bos, Laurens De Sadeleer, Laurent Godinas, Laurens Ceulemans, Lieven Dupont, Robin Vos

PS-8 Session 430 08:00 - 09:30

Poster session: From cell to organ crosstalk in lung injury and repair

Disease(s) : Respiratory critical care | Pulmonary vascular diseases | Interstitial lung diseases | Airway diseases | Thoracic oncology

Method(s) : Cell and molecular biology | Pulmonary function testing | Respiratory intensive care | Physiology | Imaging

Chairs : Niki Ubags (Epalinges, Switzerland), Chair to be confirmed

PA5276	**Sex hormones modulate the fibrotic response in type 2 alveolar epithelial cells** Anja Schweikert (Dublin, Ireland), Jisha Jasmin, Sahin Sarihan, Irene Oglesby, Mari Ozaki, Killian Hurley
PA5277	**Neonatal ventilation-induced lung injury causes an IL-6 mediated inflammation and cellular stress response in kidneys in mice** Centina Kuiper-Makris (Cologne, Germany), Maria Rechmeier, Ivana Mizik, Christina Vohlen, Sarah Stegmann, Jan-Wilm Lackmann, Eva Nüsken, Kai Nüsken, Zülfü Cosgun, Sebastian Brähler, Sandra Habbig, Stephan Rose-John, Jörg Dötsch, Miguel Alejandre Alcázar
PA5278	**The autonomous nerve system-lung interface in experimental BPD: neuropeptide Y modulates immune response and alveolar growth in neonatal mice exposed to oxidative stress** Caroline Zeitouny (Köln, Germany), Clemens Nies, Celien Kuiper-Makris, Christina Vohlen, Dharmesh Hirani, Herbert Herzog, Jörg Dötsch, Werner Seeger, Julian Koenig, Miguel A. Alejandre-Alcazar
PA5279	**Inflammation diminishes muscle regeneration induced by mitochondrial impairment in COPD** Sven Manse (Maastricht, Netherlands), Ramon C. J. Langen, Sarah A. Veenstra, Irene H. Heijink, Harry R. Gosker
PA5280	**CXCL10 deficiency protects against hyperoxia-induced inflammation and cellular stress in kidneys of newborn mice** Centina Kuiper-Makris (Cologne, Germany), Caroline Jule Jacob, Dharmesh Hirani, Christina Vohlen, Jörg Dötsch, Miguel Alejandre Alcázar
PA5281	**Myostatin signaling blockade impacts on muscle wasting in a mouse model of glucocorticoid-treated ECOPD** Sandra van Krimpen (Maastricht, Netherlands), Justine Webster, Peiyu Qiu, Pauline Henrot, Behzad Rezaeifar, Sami Simons, Annemie Schols, Ramon Langen, Harry Gosker
PA5282	**Comparison of respiratory consequences of permanent and transient cerebral ischemia in rats** Petra Somogyi (Hódmezővásárhely, Hungary), Fruzsina Farkas, Fruzsina Kun-Szabó, Gergely H. Fodor, Szilvia Kecskés, Eszter Farkas, Ferenc Peták
PA5283	**Impairment in short-term memory is associated with increased Iba-1 and decreased nicotinic receptors in brain from mice with acute lung injury** Stephanie Nonato de Castro (Santos, Brazil), Priscila Santos Barbosa, Vitória Caroline De Queiroz, Patrícia Santos Carvalhino Lopes, Valéria Cunha Moreira, Beatriz Soares Silva, Nathalia Montouro Pinheiro- Menegasso, Ayman K Hamouda, Rodrigo Portes Ureshino, Roberta Sessa Stilhano Yamaguchi, Alessandra Mussi Ribeiro, Carla Máximo Prado
PA5284	**The effects of nandrolone on muscle wasting in a mouse model of glucocorticoid-treated ECOPD** Sandra van Krimpen (Maastricht, Netherlands), Justine Webster, Peiyu Qiu, Pauline Henrot, Behzad Rezaeifar, Sami Simons, Annemie Schols, Harry Gosker, Ramon Langen
PA5285	**The role of IRAK4 in an acute cigarette smoke-induced model of pulmonary injury** Dimitrios Zervas (London, United Kingdom), James Pinkerton, Thomais Markou, Mark Freeman, Lina Odqvist, Theresa Andreasson, Annika Borde, Maria Belvisi, Mark Birrell
PA5286	**A novel dual organ-on-chip platform for prolonged study of lung-muscle crosstalk** Jalal Mosayebi Amroabadi (Maastricht, Netherlands), Sven Manse, Luna Louwe, Pauline Henrot, David Baião Barata, Roman Truckenmüller, Harry R. Gosker, Ramon C.J. Langen
PA5287	**Endothelial PAI-1 Protects Against Acute Lung Injury by Regulating Tight Junction via Piezo2 and the PI3K-Akt-GSK3β Pathway** YUHAN WANG (SHANGHAI, China), Jian Xu, Yuanlin Song
PA5288	**Basophils promote the resolution of acute respiratory distress syndrome through IL-4 production.** Seiko Takasawa (Tokyo, Japan), Kensuke Miyake, Tomoya Tateishi, Jun Sugihara, Junya Ito, Hajime Karasuyama, Yasunari Miyazaki
PA5289	**Pulmonary extracellular vesicle microRNAs induce alveolar macrophage dysfunction in ARDS** Katie Spencer (Birmingham, United Kingdom), Mark Lindsay, Babu Naidu, David R Thickett, Aaron Scott, Rahul Y Mahida
PA5290	**Personalised in silico modelling to predict radiation-induced pulmonary fibrosis in lung cancer patients** Vasileios Vavourakis (Nicosia, Cyprus), Eleftherios Ioannou, Morfo Georgiou, Anastasia Malai, Antri Peraticou, Elisavet Papageorgiou, Anna-Maria Shiarle, Christos Shakas, Dimitrios Ntaskagiannis, Nicos Katodritis, Dimitrios Vomvas

PA5291 **A lung microphysiological system platform for methylisothiazolinone-caused inhalation toxicologic model**
Young-Jae Cho (Seongnam, Republic of Korea), sohyun park, Eun-Young Eo, Bokyong Kim, Chang Gyu Woo, Nina Hobi, Lea L. De Maddalena, Arunima Sengupta

PA5292 **Early Growth Response-2 is involved in regulation of fibrogenesis-related genes in macrophages**
Qian Tian (Amsterdam, Netherlands), Alexandra Drakaki, Hella Aberson, Sami Lone, Tom Van Der Poll, C. Arnold Spek, Marten Hoeksema, Jan Willem Duitman

PA5293 **Prognostic biomarkers for cardiovascular risk in patients with acute exacerbation of Chronic Obstructive Pulmonary Disease: A sub study of the RCT CORTICO-COP.**
Pradeesh Sivapalan (Gentofte, Denmark), Anna Kubel Vognsen, Ruth Frikke-Schmidt, Jens Peter Gøtze, Therese Lapperre, Christina Christoffersen, Jon Torgny Wilcke, Charlotte Suppli Ulrik, Niklas Dyrby Johansen, Mats C. H. Lassen, Alexander Mathioudakis, Jørgen Vestbo, Tor Biering-Sørensen, Jens-Ulrik Stæhr Jensen

PA5295 **Association between circadian rhythm alterations and the persistence of respiratory dysfunction in survivors of acute respiratory distress syndrome**
Carlos Rodríguez Muñoz (Lleida, Spain), Iván Benítez, Rafaela Vaca, Olga Mínguez, Sally Santisteve, María Aguilá, Mario Henríquez-Beltrán, Miguel Sánchez-Rodríguez, Clara Gort-Paniello, Anna Moncusí-Moix, Jessica González, Ferrán Barbé, Adriano Targa, David De Gonzalo-Calvo

PS-9 Session 431 08:00 - 09:30

Poster session: Breath detectives: volatile organic compounds and other exhaled biomarkers for detection of lung diseases

Disease(s) : Interstitial lung diseases | Thoracic oncology | Airway diseases

Method(s) : Physiology | Cell and molecular biology | General respiratory patient care | Epidemiology | Public health

Tag(s) : Translational

Chairs : Anke-Hilse Maitland-van der Zee (Amsterdam, Netherlands)

PA5296 **Features of Exhaled Volatile Organic Compounds (VOCs) for Screening Fibrotic Interstitial Lung Diseases (F-ILD): A Prospective Cohort Study**
Pin-Kuei Fu (Taichung, Taiwan), Guan-Hua Huang

PA5297 **MicroRNAs in exhaled breath condensate to differentiate sarcoidosis from tuberculosis: a pilot study**
Anant Mohan (New Delhi (Delhi), India), Adwika Pp, Divyanjali Rai, Jaya Tak, Sunita Yadav, Sunil Bangaru, Bijay Pattnaik, Naveen Bhatraju, Seetu Kashyap, Umashkar Verma, Jyoti Kumari, Saurabh Mittal, Pawan Tiwari, Vijay Hadda, Karan Madan, Geetika Yadav, Rs Dhaliwal, Randeep Guleria, Anurag Agrawal

PA5298 **Volatile organic compounds in interstitial lung abnormalities**
Conal Hayton (Manchester (Greater Manchester), United Kingdom), Waqar Ahmed, Trishala Raj, Jonathon Shaw, Stephen F. Fowler

PA5299 **Impact of Background Air on Exhaled Volatile Organic Compounds (VOCs) for Distinguishing Fibrotic Interstitial Lung Disease (F-ILD) from Healthy Subjects and Correction Strategies**
Pin-Kuei Fu (Taichung, Taiwan), Guan-Hua Huang

PA5300 **Assessing the relationship between exhaled volatiles and lung function change in IPF: Targeted validation analysis**
Conal Hayton (Manchester (Greater Manchester), United Kingdom), Waqar Ahmed, Stefan Stanel, Andrew M. Wilson, John Blaikley, Stephen J. Fowler

PA5301 **Exhaled breath-based clusters in children with post-COVID condition**
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Lieke C. E. Noij, Jelle M. Blankestijn, Coen R. Lap, Marlies A. Van Houten, Giske Biesbroek, Anke-Hilse Maitland-Van Der Zee, Mahmoud I. Abdel-Aziz, Johannes B. Van Goudoever, Mattijs W. Alsem, Caroline L. H. Brackel, Kim J. Oostrom, Simone Hashimoto, Paul Brinkman, Suzanne W. J. Terheggen-Lagro

PA5302 **Post-COVID fibrosis: Distinct Cytokine Profiles in Blood and Exhaled Breath Condensate**
Deog Kyeom Kim (Seoul, Republic of Korea), Youlim Kim, Ji-Yong Moon, Yong Il Hwang, Kwang Ha Yoo, Seong Yong Lim

PA5303 **Correlation between exhaled volatile organic compounds and measures of COPD control in the SHERLOCk-P4O2 cohort**
Jorrit van Poelgeest (Amsterdam, Netherlands), Pauline Kuks, Simon D. Pouwels, Brady Rae, Emma Doran, Wiebke Theess, Veit Erpenbeck, Barbara Geering, Irene H. Heijink, Anke-Hilse Maitland-Van Der Zee, Maarten Van Den Berge, Paul Brinkman

PA5304 **In Vitro Microfluidic Breathomics: isolated epithelial and whole patient breath in COPD**
Brady Rae (Groningen, Netherlands), Paul Brinkman, Maarten Van De Berge, Simon D. Pouwels, Irene H. Heijink

PA5305	**Scent of the tumour cell: unique VOC signatures in murine mesothelioma cell lines** Kathleen Zwijsen (Wilrijk, Belgium), Ellen Heirwegh, Kathleen Zwjsen, Stefaniya Velichkova, Elly Marcq, Jo Raskin, Kevin Lamote
PA5306	**Exhaled breath analysis optimizes pulmponary nodule management** Kathleen Zwijsen (Wilrijk, Belgium), Reinier Wener, Ellen Heirwegh, Jan P. Van Meerbeeck, Eline Schillebeeckx, Jo Raskin, Elly Marcq, Paul E. Van Schil, Annemiek Snoeckx, Annelies Janssens, Kevin Lamote
PA5307	**A novel approach for detecting lung cancer using human breathprints** Eleni Sazakli (Patras, Greece), Georgia Hardavella, Michalis Leotsinidis
PA5308	**Clinical significance of VOCs breath analysis via TD-GCxGC-TOF-MS for lung cancer detection** Vasiliki Skordia (Athens, Greece), Georgia Hardavella, Ioannis Karampinis, Konstantinos Potaris, Ioannis Dimitroulis, Eleni Sazakli, Michalis Leotsinidis
PA5309	**Exhaled Breath VOCs for Early Lung Cancer Detection: A Systematic Review** Fares Qtaishat (Amman, Jordan), Ahmad Alkayyat
PA5310	**Discovering novel biomarkers of air pollution exposure by non-invasive exhaled breath analysis in asthma and COPD** Laila Truyen (Wilrijk, Belgium), Thérèse Lapperre, Jan Van Meerbeeck, Roeland Samson, Kevin Lamote
PA5311	**Exhaled volatile organic compounds in suspected asthma** Waqar Ahmed (Manchester, United Kingdom), Agnieszka Turlo, Ran Wang, Robin Curnow, Kamila Schmidt, Miriam Bennett, Angela Simpson, Clare Murray, Stephen Fowler
PA5312	**Relationship between exhaled-H_2O_2 levels and asthma control in severe asthma patients on biologics.** Claudia Gagliani (Palermo, Italy), Paul Brinkman, Alida Benfante, Elisa Epifani, Shahriyar Shahbazi Khamas, Alessia Leandra Lisotta, Dario Bartolo Macaluso, Maria Chiara Urso, Anke-H. Maitland Van Der Zee, Nicola Scichilone, Stefania Principe
PA5313	**Extracellular vesicles in pediatric asthma: detection and characterization in serum, nasal lavage, and exhaled breath condensate** Dominika Ambrożej (Warsaw, Poland), Magdalena Długołęcka, Małgorzata Czystowska-Kuźmicz, Anna Stelmaszczyk-Emmel, Joanna Peradzyńska, Wojciech Feleszko
PA5314	**Eliminating Saliva Contamination in Exhaled Breath Condensate (EBC)** Michelle Sugimoto (Newcastle upon Tyne, United Kingdom), Esther Smith, Bethany V. Orme, Saqib Ali, Mark Sanders, Sterghios Moschos
PA5315	**Decoding molecular profiling of exhaled breath condensate in respiratory diseases** Beatrice Ragnoli (Vercelli, Italy), Beatrice Purghè, Gianluca Baldanzi, Marcello Manfredi, Mario Malerba

G104/105 Session 434 08:00 - 10:40

Skills workshop: SW13 SW13: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Target audience : Radiologist, Thoracic surgeon, Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : Christian Borbjerg Laursen (Odense M, Denmark)

08:00	**Introduction** Christian Borbjerg Laursen (Odense M, Denmark)	**5321**
08:20	**Normal thoracic cavity** Jesper Rømhild Davidsen (Odense C, Denmark), Morten Bendixen (Odense C, Denmark)	**5322**
08:20	**Pleural effusion and/or pleural thickening** Gilles Mangiapan (Creteil, France), Pia Iben Pietersen (Odense C, Denmark)	**5323**
08:20	**Case studies** Rob Hallifax (Oxford (Oxfordshire), United Kingdom)	**5324**

08:20	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)	**5325**

Auditorium — Session 435 — 08:30 - 10:00

Endoscopy session: Session 1: Diagnosing, staging and treatment of early stage lung cancer

Aims : This session aims to equip participants with practical skills and knowledge in advanced diagnostic and therapeutic techniques for lung cancer. It will cover navigation to small peripheral lung lesions and tissue acquisition using TBNA, forceps, and cryobiopsy, along with immediate assessment of sample adequacy for cytology (ROSE) and histology using Higher Harmonic Generation microscopy. The session will also demonstrate systematic EBUS and EUS-B of mediastinal and hilar nodal stations, including real-time cytological assessment (ROSE). Finally, it will explain the indications for video-assisted segmentectomy and demonstrate the procedural flow for parenchyma-sparing lung tumour resection.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology

Chairs : Felix J.F. Herth (Heidelberg, Germany)

08:30	**Case 1: Case introduction (AUMC)**	**5326**
08:35	**Case 1: Cone beam navigation bronchoscopy suspected c T1a lung cancer** Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Marta Viscuso (Roma, Italy), Marjolein A. Heuvelmans (Oldenzaal, Netherlands), Sylvia Spies (Amsterdam, Netherlands)	**5327**
08:55	**Case 1: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)	**5329**
09:00	**Case 2: Case introduction (AUMC)**	**5330**
09:05	**Case 2: EBUS and EUS-B for lung cancer staging** Jouke T. Annema (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany)	**5331**
09:25	**Case 2: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)	**5332**
09:30	**Case 3: Case introduction (AUMC)**	**5333**
08:35	**Case 3: Video assisted segmentectomy for parenchyma sparing lung tumour resection** David Heineman (Amsterdam, Netherlands), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Martijn van Dorp (Amsterdam, Netherlands), Chris Dickhoff (Amsterdam, Netherlands)	**5328**
09:55	**Case 3: Concluding remarks from the Chairs** Felix J.F. Herth (Heidelberg, Germany)	**5334**

7A — Session 436 — 08:30 - 10:00

Clinical trials session: Clinical trials session, ALERT 3: interstitial lung disease, pulmonary hypertension and intensive care unit

Aims : The ALERT sessions (Abstracts Leading to Evolution in Respiratory Medicine Trials) showcase important and very late-breaking clinical trial data from all respiratory disease areas. Presenters, discussants, session chairs and the audience will actively discuss the showcased trials.

Disease(s) : Interstitial lung diseases Respiratory critical care Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Physiology Pulmonary function testing Respiratory intensive care

Tag(s) : Clinical

Chairs : Sam Bayat (Grenobe, France), Mathieu Marillier (Echirolles, France), Chair to be confirmed

Discussants : Bruno Crestani (Paris, France), Discussant to be confirmed

RCT5335	**RCT Abstract - ENV-101 for the treatment of idiopathic pulmonary fibrosis: a randomised, double-blind, placebo -controlled phase 2 trial** Toby M Maher (Los Angeles, United States), J. G. Goldin, J. Hood, J. Pitman, M. De Los Rios, Brian P. Hobbs, A. Y. L. Ban, I. Buendia-Roldan, F. Thien, J. W. Song, C. Perea, A. Ramirez-Rivera, Anita Difrancesco	
RCT5336	**Late Breaking Abstract - Effect of nerandomilast on clinical outcomes in patients with idiopathic pulmonary fibrosis (IPF): data from final database lock of the FIBRONEER-IPF trial** Justin M Oldham (Ann Arbor, United States), Arata Azuma, Michael Kreuter, Toby M Maher, Fernando J Martinez, Luca Richeldi, Claudia Valenzuela, Marlies S Wijsenbeek, Yi Liu, Diane Zisa, Donald F Zoz, Vincent Cottin	

RCT5337	**Late Breaking Abstract - EFZO-FIT, the largest ever interventional trial in pulmonary sarcoidosis.** Daniel Culver (Cleveland, United States), Francesco Bonella, Lisa Carey, Pavithra Ramesh, Abhijeeth Chandrasekaran, Nelson Kinnersley, Vis Niranjan, Robert Baughman
RCT5338	**Wrap-up by discussant and discussion** Bruno Crestani (Paris, France)
RCT5339	**Comparison of Guiding Sedation Level by Respiratory Effort Versus Usual Care in Mechanically Ventilated Patients: A Randomized Controlled Trial.** Touchapong taksinwarajarn (bangkok, Thailand)
RCT5340	**RCT Abstract - Efficacy and safety of sotatercept in patients with newly diagnosed pulmonary arterial hypertension at intermediate-to-high risk of mortality: Results from Phase 3 HYPERION study** Vallerie V. McLaughlin (Ann Arbor, United States), Marius M. Hoeper, David B. Badesch, H. Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Ioana R. Preston, Rogerio Souza, Aaron B. Waxman, Grzegorz Kopec, Gisela Meyer, Karen M. Olsson, Wei Fu, Yaru Shi, Barry Miller, Samuel S. Kim, Harald S. Mackenzie, Michela Brambatti, Mahesh J. Patel, Joerg Koglin, Alexandra G. Cornell, Marc Humbert
RCT5341	**Late Breaking Abstract - A randomized, double-blind, placebo-controlled study of treprostinil palmitil inhalation powder (TPIP) in patients with pulmonary arterial hypertension (PAH)** Ekkehard Grünig (Heidelberg, Germany), Jean Luc Vachiery, Michael J Cuttica, Hiromi Matsubara, Gerald O'Brien, Bipin Mistry, Zhaoyu Yin, Kevin Mange
RCT5342	**Wrap-up by discussant and discussion** Speaker to be confirmed

Elicium 2 — Session 437 — 08:30 - 10:00

Symposium: Real-world challenges in asthma: beyond pharmacotherapy

Aims : to address the multifaceted challenges faced in asthma management, moving beyond the realm of pharmacotherapy; to explore asthma as a complex condition influenced by a range of factors, from the diagnostic process to individualised monitoring and environmental influences; to highlighting the diagnostic complexities, explaining the clinical relevance of phenotypes and endotypes, and showcasing innovations in personalised monitoring; to focus on how environmental and lifestyle factors can exacerbate asthma and affect patient outcomes; to provide a holistic view of asthma management in real-world settings.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Matteo Bonini (Rome, Italy), Bianca Brandon (London, United Kingdom)

08:30	**Asthma diagnosis: a complex pathway to clarity** Imran Satia (Hamilton, Canada)	**5343**
08:45	**Physical deconditioning and obesity in asthma. A suitable case for rehabilitation** Florence Schleich (Liège, Belgium)	**5344**
09:00	**Self-management of asthma through patient education and action plans** Stylianos Loukides (Athens, Greece)	**5345**
09:15	**Addressing environmental and lifestyle factors** Arzu Yorgancıoğlu (İzmir, Turkey)	**5346**
09:30	**Discussion and Q&A** All speakers	**5347**

5A — Session 438 — 08:30 - 10:00

State of the art session: Respiratory critical care

State of the Art treatment of ARDS

Aims : to describe the state-of-the-art treatment of acute respiratory distress syndrome (ARDS) from pathophysiology to extensive therapeutic options.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Christoph Fisser (Donaustauf, Germany), Marieke L. Duiverman (Groningen, Netherlands), Dries Testelmans (Leuven, Belgium)

08:30	**ARDS phenotyping and outcomes** Lieuwe D.J. Bos (Amsterdam, Netherlands)	**5348**
08:45	**The role and pathophysiology of severe infections in ARDS** Ignacio Martin-Loeches (Dublin, Ireland)	**5349**
09:00	**How to set the ventilator** Speaker to be confirmed	**5350**
09:15	**Evidence-based treatment of severe ARDS: prone positioning and extracorporeal membrane oxygenation** Christian Karagiannidis (Cologne, Germany)	**5351**
09:30	**Discussion and Q&A** All speakers	**5352**

5B Session 439 08:30 - 10:00

Hot topics: Global inequities in respiratory infections

Aims : to explore the key social, economic and environmental determinants contributing to inequities in respiratory infections globally; to highlight the burden of preventable deaths from respiratory diseases among vulnerable populations, including children; to address the healthcare challenges faced by migrant populations and minorities in accessing timely and adequate treatment for respiratory infections, with a focus on tuberculosis; to discuss disparities in the availability of diagnostics, treatments and long-term care for cystic fibrosis worldwide.

Disease(s) : Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

08:30	**Understanding the determinants of health inequalities in respiratory medicine** Jennifer Quint (London, United Kingdom)	**5353**
08:45	**Childhood deaths from respiratory diseases in resource-limited settings and how to prevent them** Speaker to be confirmed	**5354**
09:00	**Continuity of care beyond borders: ensuring clinical follow-up and information sharing for patients leaving the country** Teresa Domaszewska (Berlin, Germany)	**5355**
09:15	**Global inequities in cystic fibrosis: an unsolved problem** Andrea Gramegna (Milano (MI), Italy)	**5356**
09:30	**Discussion and Q&A** All speakers	**5357**

5C Session 440 08:30 - 10:00

Mini symposium: Exercise training in severely impaired patients

Aims : to discuss the identification of severely impaired patients with chronic respiratory disease who can benefit from current and emerging forms of exercise training; to define the current and emerging concepts and evidence in aerobic exercise training for severely impaired patients with chronic respiratory disease; to analyse the practical application, efficacy and methods of resistance training in severely impaired patients with chronic respiratory diseases.

Disease(s) : Airway diseases

Method(s) : Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Anke Lenferink (Oldenzaal, Netherlands), Deniz Inal-Ince (Ankara, Turkey), José Miguel dos Santos Castro Padilha (Porto, Portugal)

08:30	**Limitations of exercise training in severely impaired patients: different aspects of difficulties** J. Alberto Neder (Kingston (ON), Canada)	**5358**
08:45	**Practical issues in exercise training in severely impaired patients** Tessa Schneeberger (Schönau am Königssee, Germany)	**5359**
09:00	**Biologic specificities concerning exercise in severely impaired patients** Esther Barreiro Portela (Barcelona, Spain)	**5360**
09:15	**Discussion and Q&A** All speakers	**5361**

5D Session 441 08:30 - 10:00

Hot topics: Challenges in environmental childhood respiratory health around the globe

Aims : to inform paediatricians and other health professionals about environmental hazards, with a focus on air pollution and climate change and their interplay in the context of global childhood respiratory health; to discuss the social, ethnic and economic inequalities in the global distribution of environmental hazards, enabling the development of context-specific interventions and policies; to discuss whether and how artificial intelligence and data science can provide solutions to predict, monitor and mitigate the impacts of climate change on respiratory health, as well as existing challenges.

Disease(s) : Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Scientist (basic, translational), Journalist

Chairs : Alexandra Nanzer (London, United Kingdom), Olena Gruzieva (Stockholm, Sweden), Franca Rusconi (Pisa, Italy)

08:30	**Ensure clean air for all children** Ulrike Gehring (Utrecht, Netherlands)	**5362**
08:45	**The interplay between air pollution, extreme weather events and pollen for childhood asthma** Isabella Annesi Maesano (Montpellier, France)	**5363**
09:00	**Environmental justice in global paediatric health** Carla Ancona (Roma, Italy)	**5364**
09:15	**Artificial intelligence and big data science to better understand the respiratory health impacts of climate change** Akinyimika Sowunmi (Ota, Nigeria)	**5365**
09:30	**Discussion and Q&A** All speakers	**5366**

Studio Session 443 09:00 - 09:45

Deep Dive: Planetary health: what can we as a respiratory community do?

Aims : to explore current and emerging initiatives addressing key planetary health challenges, particularly climate change and their direct impact on respiratory health.

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Sara De Matteis (Milan, Italy), Chair to be confirmed

09:00	**Planetary health initiatives** Tari Haahtela (Helsinki, Finland)	**5368**
09:15	**What can we do about climate change?** Speaker to be confirmed	**5369**

09:30	**Panel discussion** Tari Haahtela (Helsinki, Finland), Speaker to be confirmed	**5370**

Elicium 1 — Session 444 — 09:30 - 10:15

Oral presentation: One world: common respiratory challenges and shared solutions

Disease(s) : Thoracic oncology Airway diseases Respiratory critical care

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Chair to be confirmed

OA5371	**Late Breaking Abstract - Global trends and regional differences in the burden of disease attributable to secondhand smoke exposure in children during 1990-2021: an analysis of the Global Burden of Disease study** Siyu Dai (Hangzhou, China), Ruiying Jin, Yufei Xue, Peixi Bao, Chunyan Yang, Feng Chen, Wei Li, Mingwei Wang
OA5373	**Global antimicrobial resistance burden in bronchiectasis and Cystic Fibrosis – An AMR-Lung study** Anand Shah (London, United Kingdom), Ollie Pitts, Till Othmer, Chiara Premuda, Yuan Zhilling, Mattia Nigro, Nikolas Johl, Arafa Aboelhassan, Sarah Hashem, Noha Khalil, Nilufer Acet, Ozge Aydin Gucl, Irfan Shafiq, Safaa Eid, Jamie Duckers, Rishi Dhillon, Pavel Drevinek, Oto Melter, Stefano Aliberti, Wang Chun Kwok, Andrea Gramagna, Stephanie Thee, Freddy Frost
OA5374	**Bypassing sales bans: Internet sales of e-cigarettes** Elif Dagli (Istanbul, Turkey), Ümmühan Pece Sonmez, Osman Elbek, Tanzer Gezer, Pınar Ay, Fusun Yildiz, Murat Guner
OA5375	**A multi-national assessment of physicians' perspectives on air pollution and respiratory health** Christopher Carlsten (Vancouver (BC), Canada), Kian Fan Chung, Sundeep Salvi, Gary W.K. Wong, Monica Augustyniak, Sophie Péloquin, Patrice Lazure
OA5376	**Chronic cough and quality of life in a multinational study** Hazim Abozid (Wien, Austria), Marie-Kathrin Breyer, Emiel Fm Wouters, Andre Fs Amaral
OA5377	**Delay in seeking healthcare for young children with severe pneumonia at Mulago national referral hospital, Uganda: A mixed methods cross-sectional study.** Phiona Ekyaruhanga (Kampala, Uganda), Rebecca Nantanda, John Mukisa, Hellen Aanyu, Judith Ssemasaazi, John Mukeere, Palma Aceng, Joseph Rujumba
OA5378	**The accuracy of pulse oximetry compared to arterial blood gas co-oximetry in critically ill South African children: an on-going prospective study** Andre Gie (Cape Town, South Africa), Shubhada Hooli, Lise-Marié Laubscher, Elri Du Plooy, Sunaina Kapoor, Margaret Van Niekerk, Bareng Aletta S Nonyane, Holly Schuh, Mike Bernstein, Steve Gomas, Pierre Goussard, Carina King, Marieke M. Van Der Zalm, Eric D. Mccollum
OA5379	**Bias in respiratory diagnoses by Large Language Models (LLMs) in Low Middle Income Countries (LMICs)** Amir Mouelhi (, United Kingdom), Sara Kussad, Samuel Twumasi, Aditi Agarwal, Alba Pereira, Shalini Ojha, Andrew Prayle
OA5380	**Influenza and pneumococcal vaccination in adults with bronchiectasis: Data from the European Bronchiectasis Registry (EMBARC)** Pierre-Régis Burgel (Paris, France), Eva Polverino, Jennifer Pollock, Jamie Stobo, Holly Lind, Charles Haworth, Katerina Dimakou, Apostolos Bossios, Raja Dhar, Michael Loebinger, Rosario Menendez, Antoni Torres, Francesco Blasi, Michal Shteinberg, Josje Altenburg, Oriol Sibila, Natalie Lorent, Felix Ringshausen, Anthony De Soyza, Stefano Aliberti, Amelia Shoemark, James D Chalmers, Montserrat Vendrell
OA5381	**Mobile lung cancer screening in Brazil: The role of community health agents (CHA) in the Propulmão Project (BRELT3)** Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Juliana P Franceschini, César Augusto De Araújo Neto, Almério De Souza Machado Júnior, Fernando Nunes Galvão De Oliveira, Igor Barbosa Ribeiro, Álvaro A Cruz, Ricardo Sales Dos Santos
OA5372	**Discussion and Q&A**

Forum — Session 445 — 09:30 - 10:15

Oral presentation: Recent advances in our mechanistic understanding of airways disease to facilitate superior patient stratification and treatment

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Public health Physiology

Chairs : Robert Snelgrove (London, United Kingdom), Cecilia K. Andersson (London, United Kingdom)

OA5382	**Late Breaking Abstract - Early life phthalate exposure promotes skin barrier dysfunction and associated allergic airway disease** Debajyoti Ghosh (Cincinnati, United States), Jaclyn Mcalees, Ian Lewkowich
OA5384	**Molecular differences in asthma burden identified through multi-omics integration** Nazanin Zounemat-Kermani (hanworth, United Kingdom), Freda Yang, Joe G Zein, Katie Raby, Pankaj Bhavsar, Kian Fan Chung, Ian M Adcock
OA5385	**Sex differences in asthma: multi-omic analysis using U-BIOPRED data** Jiashu Shen (Oxford, United Kingdom), Emanuele Marchi, Nazanin Kermani, Sven-Erik Dahlen, Peter Bradding, Ian Adcock, Timothy Hinks
OA5386	**Inflammatory Protein Biomarkers in COPD Subjects with and without Alpha-1 Antitrypsin Deficiency** Matthew Moll (Boston, United States), Brian Hobbs, Katherine Pratte, Russell Bowler, Auyon Ghosh, David Lomas, Edwin K Silverman, Dawn L. Demeo
OA5387	**C24:1 ceramide alleviates neutrophilic asthma by modulating Th17 differentiation via the EP2-JAK2-STAT3 pathway** Huan Liu (Beijing, China), Chun Chang
OA5388	**Role of Tricellulin on Bronchial Epithelial Barrier in Asthma** Xin Yao (Nanjing (Jiangsu), China), Qi Hua, Peng Sun, Xijing Yuan, Lei Yao, Man Jia
OA5389	**ASM promotes macrophage glycolysis and M1 polarization by activating the mTOR/HIF-1α pathway in neutrophilic asthma** Huan Liu (Beijing, China), Chun Chang
OA5390	**The Impact of Salmeterol and Fluticasone on Clinical Outcomes and Inflammatory Mediators in Asthma in vivo** Eva Fiorenzo (London, United Kingdom), Kartik Kumar, Osman Hatem, Carmen Chan, Veronica Adiletta, Tatiana Kebadze, Julia Aniscenko, Aleksandra Nikonova, Michael Edwards, Salman Siddiqui, Onn Min Kon, Sebastian Johnston
OA5391	**TSLPR-expressing Cell Profiling in Airway and Blood Samples from Severe Asthma Patients** Naoya Fujino (Sendai, Japan), Shuichiro Matsumoto, Yoshinao Ono, Yosuke Kamide, Ikuo Saito, Mitsuhiro Yamada, Shuichi Konno, Takuto Endo, Takuya Saito, Yorihiko Kyogoku, Hiroyuki Aizawa, Kiyoshi Sekiya, Masami Taniguchi, Hisatoshi Sugiura
OA5392	**Mechanistic Drivers for Potent Pharmacodynamic Activity of Verekitug, a novel anti-TSLPR antibody** Fatema Chowdhury (North Easton, United States), Ashish Kalra, Sumathi Sivapalasingam, Aaron Deykin
OA5383	**Discussion and Q&A**

3A Session 446 09:30 - 10:15

Oral presentation: The cause of respiratory symptoms: new insights from exercise physiology

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Physiology | Pulmonary rehabilitation | Pulmonary function testing | General respiratory patient care

Chairs : Zander J Williams (London, United Kingdom), James H. Hull (London, United Kingdom)

OA5393	**Late Breaking Abstract - Deep Learning Improves Sex-Specific Prediction for COPD Risks from Preserved Ratio Impaired Spirometry** Xianwen Sun (Shanghai, China), Yingni Lin, Biao Song, Shiqi Li, Qingyun Li
OA5395	**Global lung function initiative reference values for cardiopulmonary exercise testing** Thomas Radtke (Zürich, Switzerland), Luiz Chávez, Lauren Duggan, Sanja Stanojevic, Piergiuseppe Agostoni, Paul Burns, Brenda Button, Christopher B Cooper, Jana De Brandt, Luiza Helena Degani-Costa, Monika Franczuk, Aisling Mcgowan, Jana Kivastik, Pierantonio Laveneziana, Zoe L Saynor, Irene Steenbruggen, Helge Hebestreit, Karl P Sylvester
OA5396	**Breathlessness abnormality is best assessed at peak exercise during incremental cardiopulmonary cycle exercise testing** Magnus Ekström (Lund, Sweden), Pei Zhi Li, Hayley Lewthwaite, Jean Bourbeau, Wan Tan, Dennis Jensen
OA5397	**Quantifying dynamic mechanical-ventilatory constraints and exertional dyspnoea during incremental CPET in fibrosing ILD** J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Mathieu Marillier, Franciele Plachi, Igor Neder-Serafini, Guilherme D Back, Alessandro Porcella, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Audrey Borghi-Silva, Paolo Palange, Onofre Moran-Mendoza, Denis E O'Donnell

OA5398	**Comorbidities and prevalence of dysfunctional breathing in patients referred for cardiopulmonary exercise testing due to exertional dyspnea** Florent Baty (St. Gallen, Switzerland), Georg Knöpfel, Lukas Kern, Martin Brutsche
OA5399	**Exertional physiological assessments to aid in the diagnosis of breathing pattern disorder** Cori Fratelli (GOLDEN, United States), Worawat Chumpangern, Dittapol Muntham, Tod Olin
OA5400	**Latent effects of spontaneous sighing upon respiration during exercise** Eric Harbour (Salzburg, Austria), Thomas Stöggl
OA5401	**Does diaphragm fatigue affect inspiratory capacity during cardiopulmonary exercise testing?** Michele Schaeffer (Vancouver, Canada), Kyle Boyle, Jem Arnold, Daniel Langer, Jordan Guenette
OA5402	**Patterns of dynamic IC recruitment in COPD: resting correlates and sensory-functional consequences to exercise responses** Danilo C Berton (Porto Alegre (RS), Brazil), Litiele E Wagner, Abed Hijleh, Reginald Smyth, Matthew James, Sandra Vincent, Nicolle Domnik, Denis E O'Donnell, J Alberto Neder
OA5403	**Treatment of exercise-induced laryngeal obstruction (EILO) – a randomized controlled trial (RCT)** Praveen Muralitharan (Paradis, Norway), Petter Helø Carlsen, Petrine Veierød Solli, Mette Engan, Maria Vollsæter, Ola Drange Røksund, Thomas Halvorsen, Hege Clemm
OA5394	**Discussion and Q&A**

3B Session 447 09:30 - 10:15

Oral presentation: Best of lung injury and repair: from development to disease

Disease(s) : Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Pulmonary function testing

Chairs : Nahal Mansouri (Lausanne, Switzerland)

OA5404	**Late Breaking Abstract - O-GlcNAc-mediated FTH1 degradation is involved in smoking-induced emphysema through iron ion disorder in alveolar epithelial cells.** Tao Bian (Wuxi, China)
OA5406	**Ly6C$^+$ cDC2 Exacerbates Acute Lung Injury via Breaking Th17/Treg Balance in a CXCR1 Dependent manner** Shenghui Li (Shanghai, China), Yang Wang, Xiucheng Liu, Chang Chen
OA5407	**Acta2-positive cells driving alveolar repair upon iNOS inhibition** Cheng-Yu Wu (Giessen, Germany), Magdalena Wujak, Anis Cilic, Edma Loku, Marija Gredic, Vidya Lakshmi, Michael Ammeter, Janine Gote-Schniering, Janine Koepke, Christos Samakovlis, Marek Bartkuhn, Werner Seeger, Friedrich Grimminger, Hossein Ardeschir Ghofrani, Ralph Theo Schermuly, Simone Kraut, Saverio Bellusci, Natascha Sommer, Norbert Weissmann, Stefan Hadzic
OA5408	**A novel demonstration of let-7f-5p in idiopathic pulmonary fibrosis.** Maike Stentenbach (Nedlands, Australia), Dino Tan, Erin Bolitho, Chantalia Tedja, Erick Aresgado, Helen Jo, Ian Glaspole, Samantha Ellis, Christopher Grainge, Christopher Zappala, Gregory Keir, Peter Hopkins, Paul Reynolds, Sally Chapman, Wendy Cooper, Nicole Goh, Haydn Walters, Tamera Corte, Ching-Hsien Chen, Angela Linderholm, Justin Oldham, Yuben Moodley
OA5409	**Long-term airway alterations in prematurity-related lung disease: insights from a preclinical ovine model** Sophie M. L. Neuen (Maastricht, Netherlands), Tim Brokken, Matthias C. Hütten, Sami O. Simons, Daan R.M.G. Ophelders, Niki L. Reynaert, Tim G.A.M. Wolfs
OA5410	**Spatially unraveling epithelial and immune cell interactions in human lung development using mass cytometry** Padmini Khedoe (Den Haag, Netherlands), Li Jia, Susana M. Chuva De Sousa Lopes, Vincent Van Unen, Pieter S. Hiemstra, Jan Stolk, Frits Koning
OA5411	**Oxidative stress causes premature alveolar inflamm-aging and vascular remodeling through macrophage-derived IL-6-trans and STAT3 signaling** Stephanie Stephan (Giessen, Germany), Dharmesh Hirani, Oleksiy Klymenko, Mohammad Amin Mahjoub, Gabriela Riederer, Chaitra Pujari, Christina Vohlen, Siavash Mansouri, Margarida Barroso, Stefanie Jarmer, Ana Ivonne Vazquez-Armendariz, Ioannis Alexopoulos, Jörg Dötsch, Rajkumar Savai, Werner Seeger, Susanne Herold, Björn Schumacher, Miguel Angel Alejandre Alcázar
OA5412	**Crosstalk Between Lipid Metabolism and Immunity in Pneumonia: Drug-Targeted Intervention Studies** Yuqing Ni (Shanghai, China), Yufan Li, Jian Xu, Jiebai Zhou, Yuanlin Song

OA5413	**Investigating monocytes - skeletal muscle cells interactions with a perfused muscle-on-chip system** Pauline Henrot (Pessac, France), Jalal Mosayebi Amroabadi, Sven Manse, David Baião Barata, Harry Gosker, Ramon Langen
OA5414	**Patient-derived alveolar organoids for drug discovery: Dysregulated epithelial repair in pulmonary fibrosis** Muriel Lizé (Ulm, Germany), Heiko Olbrich, Irina Shalashova, Carmen Lerner, Eva Griesser, Nadine Rehm, Stephen Ward, Matthew Thomas, Ralf Heilker, Heiko Stahl
OA5405	**Discussion and Q&A**

Amtrium Session 448 09:30 - 10:15

Oral presentation: Emerging evidence in paediatric rare lung and airway disease

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Imaging Pulmonary function testing Endoscopy and interventional pulmonology Public health

Chairs : Raffaella Nenna (Rome, Italy), Uros Krivec (Ljubljana, Slovenia)

OA5416	**Advances in PCD gene diagnostics: new initiatives to improve gene-variant-disease relationships** Mafalda de Almeida Gomes (London, United Kingdom), Rahma Mani, Cátia Brandão, Muxiao Sun, Adrián Rodríguez González, Bernard Maitre, Mahmoud R. Fassad, Myrofora Goutaki, Jane S Lucas, Claire Hogg, Courtney Thaxton, William Hankey, Deborah Morris-Rosendahl, Suzanne Crowley, Amelia Shoemark, Marie Legendre, Hannah M Mitchison
OA5417	**The site and nature of large and small airway remodeling in human end-stage primary ciliary dyskinesia lungs** Astrid Vermaut (Nossegem, Belgium), Gitte Aerts, Lise Vanvuchelen, Vincent Geudens, Lynn Willems, Arno Vanstapel, Charlotte Hooft, Pieterjan Kerckhof, Hanne Beeckmans, Xin Jin, Marta Zapata, Yousry Mohamady, Lucia Aversa, Janne Verhaegen, Emanuela Cortesi, Laurens J. Ceulemans, Dirk E. Van Raemdonck, Robin Vos, Natalie Lorent, Birgit Weynand, Marijke Proesmans, Francois Vermeulen, Lieven J. Dupont, Mieke Boon
OA5418	**Effect of Air Pollution on Pulmonary Function in Patients with Primary Ciliary Dyskinesia** Ayyüce Ünlü (Ankara, Turkey), Satı Özkan Tabakcı, Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akca Dinç, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Sanem Eryılmaz Polat, Güzin Cinel
OA5419	**New insights in post-infectious bronchiolitis obliterans: the French RespiRare cohort** Julie Mazenq (Plan de Cuques, France), Marine Crebassa, Alice Hadchouel, S Ghattas, Philippe Reix, Laurianne Coutier, Christophe Marguet, Nadia Nathan, Lisa Giovannini-Chami, Caroline Thumerelle, Francois Galode, Marie-Catherine Renoux, Léa Roditis, Eglantine Hullo, Pierrick Cros, Laurence Weiss, Sébastien Kiefer, Marie Tochon, Brahim Allali, Katia Bessaci Kabouya, Céline Delestrain, Louisa Goumidi, Hortense Petat, Véronique Houdoin, Jean-Christophe Dubus
OA5420	**Repurposing CFTR modulators in ABCA3-associated interstitial lung disease: a therapeutic option? A CRC chILDEU study** Nadia Nathan (Paris, France), Manon Fleury, Céline Delestrain, Alice Hadchouel, Julie Mazenq, Myriam Benhamida, Anne-Sophie Bernard, Raphaël Borie, Jacques Brouard, Harriet Corvol, Pierrick Cros, Christophe Delacourt, Tifenn Desroziers, Jean-Christophe Dubus, Carole Egron, Ralph Epaud, Michael Fayon, Aude Forgeron, Lisa Giovannini-Chami, Christophe Marguet, Alexandra Masson-Rouchaud, Hortense Petat, Marie-Catherine Renoux, Léa Roditis, Caroline Thumerelle, Clémentine Vigier, Aurore Coulomb L'Herminé, Hubert Ducou Le Pointe, Pascale Fanen, Camille Fletcher, Chiara Sileo, Laureline Berteloot, Camille Louvrier, Alix De Becdelièvre, Marie Legendre
OA5421	**TRIBOR STUDY Randomized, double-blind, placebo-controlled, cross-over study on the safety and efficacy of tiotropium in children with bronchopulmonary dysplasia** Burak Uslu (Dresden, Germany), Evelyn Trips, Jette Rahn, Michael Gerstlauer, Christian Vogelberg
OA5422	**Lung function trajectories in childhood interstitial lung disease (chILD)** Simone Hashimoto (Amsterdam, Netherlands), Sanne F. Kloosterman, Brigitte W.M. Willemse, Suzanne W.J. Terheggen-Lagro
OA5423	**Long-term outcomes of persistent tachypnoea of infancy/neuroendocrine cell hyperplasia of infancy: study of the CRC chILD-EU** Honorata Marczak (Warszawa, Poland), Katarzyna Krenke, Matthias Griese, Joanna Peradzyńska, Joanna Lange, Elias Seidl, Julia Rodler, Nicolaus Schwerk, Julia Carlens, Silvia Castillo-Corullón, Frederik Fouirnaies Buchvald, Kim G Nielsen, Sarah Mayell, Alba Torrent, Maynor Bravo-López, Nicolas Regamey, Stehling Florian, Elpis Hatziagorou, Anna Zschocke, Marijke Proesmans, Steve Cunningham, Dafni Moriki, Sevgi Pekcan, Nazan Cobanoglu, Christiane Lex, Philipp Latzin, Lutz Naehrlich, Nicola Ullmann, Winfried Baden, Dora Krikovszky, Mirella Gaboli, Nuria Díez-Monge, Laura Petrarca, Brigitte Willemse, Anna Wiemers, Vaclav Koucky, Juan A. López-Andreu, Nadia Nathan
OA5424	**Safety and diagnostic yield of transbronchial cryobiopsy in children – a prospective single-centre observational study** Pia Maier (Hannover, Germany), Hanna Wennigsen-Heipke, Hannah Kaiser, Ola Al Haj, Martin Wetzke, Oliver Keil, Julia Carlens, Christoph Happel, Harald Bertram, Gesine Hansen, Peter Braubach, Katharina Schütz, Nicolaus Schwerk

OA5415 **Discussion and Q&A**

Studio — Session 449 — 10:00 - 10:45

Pro-Con debate: The availability of medical devices in low- and middle-income countries can be increased

Aims : to address a relevant issue in global health given there is an urgent need for respiratory medical devices, e.g., mechanical ventilators and lung function laboratories, in low- and middle-income countries (LMICs) worldwide; to describe the current lack of respiratory medical devices in LMICs and the clinical problems involved; to focus on the advantages and disadvantages of different ways to potentially improve the availability of medical devices for diagnosing and treating patients in LMICs; to provide a current perspective of the problem and explain the challenges and potential solutions; to discuss ideas of how to implement potential solutions regarding the specific need for respiratory medical devices in LMICs.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Sara De Matteis (Milan, Italy), Chair to be confirmed

10:00	**Pro: the availability of medical devices in low- and middle-income countries can be increased** Anh Tuan Dinh-Xuan (Paris, France)	**5425**
10:15	**Con: the availability of medical devices in low- and middle-income countries can be increased** Ramón Farré Ventura (Barcelona, Spain)	**5426**
10:30	**Discussion and Q&A** All speakers	**5427**

Auditorium — Session 450 — 10:15 - 11:45

Endoscopy session: Session 2: COPD, lung nodules and pleural disease

Aims : This session aims to provide participants with a comprehensive understanding of interventional pulmonology techniques for the diagnosis and management of complex pulmonary diseases. It will cover the procedural flow of cryobiopsy for diagnosing interstitial lung disease, including protected airway management, balloon placement, and fluoroscopic-guided transbronchial cryobiopsies. The session will also demonstrate thoracoscopy in malignant pleural disease, encompassing the use of rigid bronchoscopy, acquisition of histological samples, immediate histological assessment using Higher Harmonic Generation (HHG) microscopy, and the performance of talc pleurodesis. In addition, participants will gain insight into endobronchial valve treatment for COPD, including procedural aspects, anaesthesia, target lobe selection, procedural flow, measurement of collateral ventilation, valve sizing and placement.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology

Chairs : Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)

10:15	**Case 4. Case introduction (AUMC)**	**5428**
10:20	**Case 4: Cryobiopsy for diagnosing interstitial lung disease** Sara Tomassetti (Florence, Italy), Jürgen Hetzel (Bettingen Basel, Switzerland), Peter I. Bonta (Amsterdam, Netherlands)	**5429**
10:40	**Case 4. Concluding remarks from the chairs** Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)	**5430**
10:45	**Case 5. Case introduction (AUMC)**	**5431**
10:50	**Case 5. Thoracoscopy in malignant pleural disease** Kevin Blyth (Glasgow (Glasgow), United Kingdom), Johannes M.A. Daniels (Amsterdam, Netherlands), Sylvia Spies (Amsterdam, Netherlands)	**5432**
11:10	**Case 5. Concluding remarks from the chairs** Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom)	**5433**
11:15	**Case 6. Case introduction (AUMC)**	**5434**
11:20	**Case 6. Endobronchial valve treatment for COPD** Dirk-Jan Slebos (Groningen, Netherlands), Stephanie Everaerts (Leuven, Belgium)	**5435**

11:40	**Case 6. Concluding remarks from the chairs** Najib M. Rahman (Oxford, United Kingdom), Daniela Gompelmann (Vienna, Austria)	**5436**

7A Session 451 10:15 - 11:45

Year in review: Clinical

Global updates on screening and therapeutic intervention development in respiratory diseases

Aims : to evaluate the impact of chronic obstructive pulmonary disease (COPD) screening on primary care clinician behaviour and patient outcomes; to discuss current treatment options and emerging therapeutic approaches for chronic cough; to review the unmet needs in care of patients with pulmonary fibrosis and elaborate on the current methods for delivering patient-centred care; to consider approaches for ensuring that technology is accessible and subject to the same scrutiny as all healthcare interventions.

Disease(s) : Airway diseases Interstitial lung diseases Respiratory infections

Method(s) : Epidemiology Physiology Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Sam Bayat (Grenobe, France), Mathieu Marillier (Echirolles, France), Chair to be confirmed

10:15	**COPD screening and case-finding: pearls and pitfalls** Shawn Aaron (Ottawa (ON), Canada)	**5437**
10:30	**Therapeutic and mechanistic advances in chronic cough** Imran Satia (Hamilton, Canada)	**5438**
10:45	**Interstitial lung diseases: a holistic multidisciplinary approach** Katerina Antoniou (Heraklion, Greece)	**5439**
11:00	**Access and equity in healthcare in the era of digital heath** David Currow (Sydney (NSW), Australia)	**5440**
11:15	**Discussion and Q&A** All speakers	**5441**

Elicium 2 Session 452 10:15 - 11:45

Journal session: State-of-the-art insights into prevention, development and management of asthma

The Lancet and The Lancet Respiratory Medicine session

Aims : to bring together thought leaders in the field of respiratory medicine to provide an overview of recent research advances related to asthma for specialist and non-specialist delegates; to provide new insights into the genetics, prevention and risk factors of asthma; review advances arising as a result of the use of monoclonal antibody therapeutics; and assess clinical versus biological complete remission in adult patients with moderate-to-severe asthma; to comprehensively address areas of debate within the asthma community focused on genetics, prevention, management and remission and will also feature impactful clinical research of relevance for respiratory health around the globe.

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : Matteo Bonini (Rome, Italy), Bianca Brandon (London, United Kingdom)

10:15	**Genetics and risk factors: improving our understanding of asthma prevention** Guy Brusselle (Ghent, Belgium)	**5442**
10:30	**Precision medicine and use of monoclonal antibodies in the management of asthma** Elliot Israel (Boston, United States)	**5443**
10:45	**Clinical remission in adults with moderate-to-severe asthma** Celeste Michala Porsbjerg (Copenhagen, Denmark)	**5444**
11:00	**Late-breaker research article on asthma (to be confirmed)** Maarten van den Berge (Groningen, Netherlands)	**5445**

11:15	**Discussion and Q&A** All speakers	**5446**

5A Session 453 10:15 - 11:45

Clinical cases: Lungs on fire: Respiratory critical care / Sleep and Breathing disorders

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Tag(s) : Clinical

Chairs : Christoph Fisser (Donaustauf, Germany), Marieke L. Duiverman (Groningen, Netherlands), Dries Testelmans (Leuven, Belgium)

Discussants : Claudia Crimi (Catania (CT), Italy), Patrick Murphy (Oxted (Surrey), United Kingdom)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: R.R. Mendoza (Philippines)** Claudia Crimi (Catania (CT), Italy)	**5447**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: M. Balzan (Malta)** Patrick Murphy (Oxted (Surrey), United Kingdom)	**5448**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: S. Wickramasinghe (United Kingdom)** Claudia Crimi (Catania (CT), Italy)	**5449**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: C. Gangemi (Italy)** Patrick Murphy (Oxted (Surrey), United Kingdom)	**5450**

5B Session 454 10:15 - 11:00

Guidelines session: Treatment of drug-susceptible and drug-resistant tuberculosis: key updates and future directions

American Thoracic Society/European Respiratory Society/Infectious Diseases Society of America/Centers for Disease Control and Prevention guidelines

Aims : to present the main updates of the newly released American Thoracic Society (ATS)/European Respiratory Society (ERS)/Infectious Diseases Society of America (IDSA)/Centers for Disease Control and Prevention (CDC) guidelines on treating drug-susceptible and drug-resistant tuberculosis, which will be updated with other international recommendations, particularly those from the World Health Organization; to reflect on the challenges of keeping guidelines updated in the face of rapidly evolving scientific evidence; to discuss strategies to improve the implementation of updated recommendations in diverse clinical settings; to provide the patient perspective on the need for shorter, more effective and accessible treatment regimens.

Disease(s) : Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

10:15	**Key updates in the ATS/ERS/IDSA/CDC guidelines on tuberculosis treatment** Giovanni Battista Migliori (Varese (VA), Italy)	**5451**
10:30	**From evidence to practice: how can we make tuberculosis guidelines more responsive and locally relevant?** Christoph Lange (Borstel, Germany)	**5452**
10:45	**Discussion and Q&A** Giovanni Battista Migliori (Varese (VA), Italy), Christoph Lange (Borstel, Germany), Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom), Rudolf M. Huber (Munich, Germany)	**5453**

5C Session 455 10:15 - 11:45

Symposium: Holistic yet personalised self-management of chronic respiratory diseases worldwide

Aims : to explain how to identify key elements to personalise self-management of patients with chronic respiratory diseases; to explain how to identify key elements for implementation of self-management in chronic respiratory care; to explain how to select personalised treatment that fits with treatable traits in chronic respiratory diseases; to explain how to match self-management interventions to personal needs and competencies.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care

Tag(s) : Translational , Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Anke Lenferink (Oldenzaal, Netherlands), Deniz Inal-Ince (Ankara, Turkey), José Miguel dos Santos Castro Padilha (Porto, Portugal)

10:15	**Patient testimony** Noelle Morgan (Shipton Under wychwood, United Kingdom)	**5454**
10:20	**Personalised self-management of patients with chronic obstructive pulmonary disease and comorbidities** Hani Syahida Salim (Selangor, Malaysia)	**5455**
10:35	**Implementation of asthma self-management as routine in primary care** Hilary Pinnock (Edinburgh, United Kingdom)	**5456**
10:50	**Challenges in self-management around the globe** Tanja Effing-Tijdhof (Adelaide (SA), Australia)	**5457**
11:05	**Future perspectives using new technologies: tailoring of self-management in chronic respiratory disease** Marjolein Brusse-Keizer (Enschede, Netherlands)	**5458**
11:20	**Discussion and Q&A** All speakers	**5459**

5D Session 456 10:15 - 11:45

Hot topics: The many facets of transition care

Navigating healthcare from childhood to adulthood

Aims : to highlight achievements and unmet needs of the transition of care for adolescents with chronic illnesses; to provide evidence-based strategies to improve outcomes for adolescents transitioning from child to adult care.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Alexandra Nanzer (London, United Kingdom), Olena Gruzieva (Stockholm, Sweden), Franca Rusconi (Pisa, Italy)

10:15	**Transition of care: what do we already know and what do we still need to know?** Speaker to be confirmed	**5460**
10:30	**The psychology of adolescence and its interplay during the transition from child to adult care services** Speaker to be confirmed	**5461**
10:45	**Adherence to therapy in adolescence: overcoming the obstacles** Grainne d'Ancona (London, United Kingdom)	**5462**
11:00	**How to set up a transition service (presenting the Stepstones programme)** Ewa Lena Bratt (Gothenburg, Sweden)	**5463**
11:15	**Discussion and Q&A** All speakers	**5464**

5B Session 461 11:00 - 11:45

Guidelines session: Fitness for tumour-specific treatments of lung cancer

European Respiratory Society/European Society of Thoracic Surgeons clinical practice guideline

Aims : to present updated recommendations on diagnostic and treatment options for assessment of fitness for tumour-specific treatment modalities in patients with lung cancer; to define efficient clinical algorithms for diagnostic and therapeutic measures for assessment and improvement of fitness for tumour-specific treatment modalities in lung cancer; to acknowledge and appraise the recent trends in lung cancer-specific treatment modalities.

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Public health Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Raquel Duarte (Porto, Portugal), Georgia Hardavella (Athens, Greece), Chair to be confirmed

11:00	**The role of cardiopulmonary assessment in functional evaluation before lung cancer treatment** Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom)	**5474**
11:15	**The risk of underlying co-morbidities for lung cancer treatment and the role of (pre)rehabilitation to optimise patients** Rudolf M. Huber (Munich, Germany)	**5475**
11:30	**Discussion and Q&A** Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom), Rudolf M. Huber (Munich, Germany), Giovanni Battista Migliori (Varese (VA), Italy), Christoph Lange (Borstel, Germany)	**5476**

Elicium 1 Session 462 11:00 - 12:15

Oral presentation: COPD: from physiology to clinical management

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Imaging Physiology Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology General respiratory patient care

Chairs : Pavol Pobeha (Košice, Slovakia), Pauline Henrot (Pessac, France)

OA5477	**Late Breaking Abstract - Mucus Plugs and Chronic Bronchitis: Two Distinct COPD Phenotypes** Federico Baraldi (Ferrara, Italy), Aaron Braddy-Green, Sam Bartlett-Pestell, Jordina Sy Mah, Abdulrahman Almuhanna, Mairi Macleod, Andy Ritchie, Dexter J Wiseman, Ralph Lopez, Apolline N J M Marion, Luana Alves Moreira, Hassan Shahbakhti, Eric A Hoffman, James P Allison, Alberto Papi, Jadwiga A Wedzicha, Lydia J Finney
OA5479	**Mucus plugs are associated with small airway remodeling in COPD** Fatemeh Aminazadeh (Vancouver, Canada), Aileen Hsieh, Dragos Vasilescu, Stacey Ledoux, Jenna Barker-Mulleder, Joel Cooper, Tillie-Louise Hackett
OA5480	**Metabolomic cohort reveals subtype-independent COPD signatures** Matheus Augusto Callegari (Botucatu, Brazil), Jezreel Pantaleon Garcia, Mariana Gatto, Robson Prudente, Estefania Franco, Marilia Machado, Thulio Cunha, Mario Martins, Hebreia Almeida-Souza, Suzana Tanni
OA5481	**Association of mucus plugs and BMI in patients with advanced COPD GOLD III/IV with emphysema** Jacopo Saccomanno (Berlin, Germany), Thomas Elgeti, Stephanie Spiegel, Eva Pappe, Thomas Sgarbossa, Antonia Petersen, Konrad Neumann, Arshan Perera, Martin Witzenrath, Ralf-Harto Hübner
OA5482	**Oscillometry-defined Small Airway Dysfunction in Tobacco-Exposed Adults with Preserved Airflow** Mustafa Abdo (Kiel, Germany), Henrik Watz, Frederik Trinkmann, Sabine Bohnet, Miriam Annabelle Marcella Guess, Johannes Roeben, Katharina May, Martin Reck, Benjamin-Alexander Bollmann, Susanne Stiebeler, Sabine Dettmer, Benjamin Waschki, Klaus F. Rabe, Klaas Frederik Franzen, Jens Vogel-Claussen
OA5483	**Is the respiratory rate in the 6-minute walk test (6MWT) a mortality predictor in COPD?** Ana José Martín Serrablo (Pamplona, Spain), Pablo Sanchez-Salcedo, José Alberto Espinoza Pérez, Sara Hermoso De Mendoza Aristegui, Lía Yaira Deborah Jorge García, Marina De La Escosura Muñoz, Tamara Gutiérrez Urra, Izaskun Jiménez Setuáin, Pilar Cebollero Rivas
OA5484	**Computational fluid dynamics of small airway disease in chronic obstructive pulmonary disease** Yousry Khaled Mohamady (Leuven, Belgium), Vincent Geudens, Charlotte De Fays, Marta Zapata, Lucia Aversa, Marie Vermant, Charlotte Hooft, Astrid Vermaut, Hanne Beeckmans, Pieterjan Kerckhof, Gitte Aerts, Celine Aelbrecht, Janne Verhaegen, Emanuela E. Cortesi, Stephanie Everaerts, Laurens Ceulemans, Robin Vos, Wim Wuyts, Marcel Filoche, Ghislaine Gayan Ramirez, Wim Janssens, Bart Vanaudenaerde
OA5485	**The impact of depression and small airway dysfunction on all-caused mortality in individuals with chronic respiratory symptoms** Kefan Wu (Guangzhou, China), Lifei Lu, Yubiao Chen, Jiahui Lei, Baiyun Liu, Xicong Li, Pixin Ran, Yumin Zhou

OA5486	**Correlation between pulmonary quantitative CT measurement indicators and acute exacerbations in patients with chronic obstructive pulmonary disease** Yuxia Wang (beijing, China), Tieying Sun, Di Chai, Min Zhang, Guoxuan Wang, Yanfei Guo
OA5487	**Quantitative analysis of chest computed tomography in alpha-1-antitrypsin deficiency** Philipp Höger (Heidelberg, Germany), Johanna Benholz, Oliver Weinheimer, Mark Oliver Wielpütz, Claus Peter Heußel, Arved Bischoff, Ralf Eberhardt, Katharina Buschulte, Sebastian Fähndrich, Julia Michels-Zetsche, Hilal Ersöz, Arturo Olivares-Riviera, Felix Herth, Franziska Trudzinski
OA5478	**Discussion and Q&A**

Forum — Session 463 — 11:00 - 12:15

Oral presentation: Oral communications in vascular diseases

Disease(s) : Respiratory critical care | Pulmonary vascular diseases

Method(s) : Respiratory intensive care | Cell and molecular biology | Physiology | Imaging | Public health | Epidemiology | Endoscopy and interventional pulmonology

Chairs : Francis Couturaud (Brest, France), Aleksandar Bokan (Loewenstein, Germany)

OA5488	**Late Breaking Abstract - Ten-year survival and prognostic factors after BPA in inoperable CTEPH** Yoichi Sugiyama (Kurume, Japan), Hiromi Matsubara, Philippe Brenot, Mitja Jevnikar, Hiroto Shimokawahara, Laurent Savale, Athénaïs Boucly, David Montani, Olivier Sitbon, Gérald Simonneau, Marc Humbert, Xavier Jaïs
OA5490	**The single-cell sequencing analysis of the cellular landscape of pulmonary arterial thrombus and peripheral blood PBMCs in acute pulmonary embolism patients** Maohe Chen (Fuzhou, China), Shi Chen, Yingjie Chen, Hanbin Lin, Fajiu Li
OA5491	**Genetic variants of fibrinogen associated with chronic thromboembolic pulmonary hypertension: insights from the All of Us cohort** Timothy Morris (San Diego, United States), Wei Sun, Neil Kelly, Traci Marin, Brendan Gongol
OA5492	**The study on adipocyte specific protein FABP4, Leptin and Adiponectin of rats with fat embolism** Zhuo Wang (Beijing, China)
OA5493	**Serum CD-31(s-PECAM 1) Levels In Patients With Acute Pulmonary Thromboembolism** Hadice Selimoğlu Şen (Diyarbakir, Turkey), Nuriye Gökçe Erkan
OA5494	**The presence of coronary artery calcification on computed tomography and its impact on early outcomes in patients with pulmonary thromboembolism** Demet Polat Yuluğ (Mersin, Turkey), Anıl Soylar, Yüksel Balcı, Sibel Naycı, Eylem Sercan Özgür
OA5495	**The skeletal muscle index detected by opportunistic chest CT is associated with the long-term adverse prognosis of chronic thromboembolic pulmonary hypertension** Kai Wang (Beijing, China), Xiangnan Li, Gang Hou, Xiaoming Zhou
OA5496	**Frailty as a causal risk factor for venous thromboembolism** Zhenguo Zhai (Beijing, China), mengjie Duo, Bingzhang Zou, Zhu Zhang
OA5497	**Performance of Magnetic Resonance Imaging (MRI) combined to compression ultrasound for the diagnosis of pulmonary embolism (PE)** Olivier Sanchez (Paris, France), Guillaume Chassagnon, Benoît Ghaye, Florence Dumas, Laurent Bertoletti, Pierre Croissille, Francis Couturaud, Michel Nonent, Helena Pereira, Marie-Pierre Revel
OA5498	**External Validation of Bleeding Risk and Recurrent Venous Thromboembolism (VTE) Risk Scores in patients with cancer associated-thrombosis.** Maria Barca Hernando (Sevilla, Spain), Sergio Lopez-Ruz, Carmen Rosa-Linares, Victor Garcia-Garcia, David Gutierrez-Campos, Luis Jara-Palomares
OA5489	**Discussion and Q&A**

3A — Session 464 — 11:00 - 12:15

Oral presentation: Novelties in clinical and translational sarcoidosis research

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology | General respiratory patient care | Public health | Pulmonary function testing | Cell and molecular biology | Imaging | Physiology

Chairs : Jacobo Sellares Torres (Barcelona, Spain), Agata Raniszewska (Warszawa, Poland)

OA5502	**First experience of a European reference network lung centre of sarcoidosis microangiopathy** Barbara Ruaro (Trieste, Italy), Lucrezia Mondini, Liliana Trotta, Mariangela Barbieri, Francesco Salton, Paola Confalonieri, Anna De Nes, Maria Chianese, Luca Ruggero, Marco Confalonieri
OA5503	**Ethnic differences in presentation and treatment of sarcoidosis from the British Thoracic Society (BTS) UK Interstitial Lung Disease (ILD) registry.** Karol Bączek (Łódź, Poland), Paul Minnis, Graham Bloye, Helen Morris, Marium Naqvi, Clare Hodkinson, Sophie Fletcher, Felix Chua, Gavin Thomas, Richard Hewitt, Fasihul Khan, Leng Cheng Sia, Gina Amanda, Lucile Sesé, Andrew Achaiah, Nazia Chaudhuri
OA5504	**The IFNγ-JAK/STAT axis regulates macrophage transformation and granuloma formation in sarcoidosis** Diana Santos Ribeiro (Braga, Portugal), Marcela Oliveira, Relber Gonçales, Rita Silva Gomes, Rita F. Santos, António Morais, Hélder Novais E Bastos, Cristina Cunha, Agostinho Carvalho
OA5505	**Uncovering genetic insights and therapeutic targets for sarcoidosis: a GWAS and drug repurposing approach** Fardad Moshtagh Sisan (Tarzana, United States), Chris Pace, Scott Silver, Syed Akbarullah
OA5506	**Patient experiences with prednisone and methotrexate: results of the PREDMETH trial** Vivienne Kahlmann (Rotterdam, Netherlands), C C Moor, R L M Mostard, M Janssen Bonas, J Grutters, H N A J Van Rijswijk, J Van Der Maten, E R Marges, L A A Moonen, M J Overbeek, Bart Koopman, M J J H Grootenboers, E J Nossent, M Wagenaar, H Kramer, P L M L Wielders, P I Bonta, S Walen, B A H A Bogaarts, R Kerstens, M Overgaauw, M Veltkamp, M S Wijsenbeek
OA5507	**Prospective measurements of sIL2R concentrations in a cohort of pulmonary sarcoidosis** Montse Janssen Bonás (Nieuwegein, Netherlands), V. Kahlmann, J.A. Reiners, R. Kraaijvanger, C.H.M Van Moorsel, C.C. Moor, R.L.M. Mostard, H.N.A.J Van Rijswijk, J. Van Der Maten, E.R. Marges, L.A.A. Moonen, M.J. Overbeek, B. Koopman, M.J.J.H Grootenboers, E.J. Nossent, M. Wagenaar, H. Kramer, P.L.M.L. Wielders, P.I. Bonta, S. Walen, B.A.H.A. Bogaarts, R. Kerstens, M. Overgaauw, J.G. Grutters, M. Heron, M.S. Wijsenbeek, M. Veltkamp
OA5508	**Quantification and characterization of lung disease in pulmonary sarcoidosis using automated AI-based CT imaging analysis.** Anne-Noëlle Frix (Liege, Belgium), Monique Henket, Anna Denis, Fanny Gester, Benoit Ernst, Xavier Creuen, Renaud Louis, Julien Guiot
OA5509	**ECG-based identification of cardiac involvement in patients with Sarcoidosis** Paula Kuss (Freiburg, Germany), Martin Eichenlaub, Louis Jouanjan, Sebastian Fähndrich, Daiana Stolz, Björn Frye
OA5500	**Late Breaking Abstract - A multi-ancestry meta-analysis offers new insights into the genetics of sarcoidosis, leveraging data from over 2 million individuals across global biobanks and the MESARGEN Consortium** Natalia V. Rivera (Stockholm, Sweden), Karina Patasova, Nathan Pezant, Martin Kerick, Akira Meguro, Coline Van Moorsel, Aristomo Andries, Astrid Gjervold Lunde, Maris Teder-Laving, He Jun, Renato Polimanti, Effrosyni D. Manali, Zdenka Navratilova, Martin Petrek, Agostinho Carvalho, Inkeri Lokki, Olga D. Chuquimia, Pernilla Darlington, Åsa Wheelock, Annette Van Der Vis, Annelies Wind, Vasileios Siokas, Chrysa Marogianni, Maria Gazouli, George Spyropoulos, Kalliopi Domvri, Despoina Papakosta, Arata Azuma, Mami Ishihara, Masaki Takeuchi, Nobuhisa Mizuki, Paolo Spagnolo, Jacobo Sellares, Kristian Hveem, Ben Michael Brumpton, Andres Metspalu, Marja-Liisa Lokki, Ethimios Dardiotis, Spyros A. Papiris, Adriana Iriarte, Juan Mañá, Javier Martin, António Morais, Hélder Novais Bastos, Courtney Montgomery, Marcel Veltkamp, Jan Grutters, Susanna Kullberg, Leonid Padyukov, Mesargen Consortium
OA5501	**Discussion and Q&A**

3B Session 465 11:00 - 12:15

Oral presentation: Malignant pleural effusions: diagnostic innovations and translational advances

Disease(s) : Thoracic oncology Respiratory critical care

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology Palliative care

Chairs : Sotirios Zarogiannis (Larisa, Greece), Chair to be confirmed

OA5510	**Late Breaking Abstract - Targeting ADAM10 in Mesothelioma: Development of a Mesothelin-specific Dual-targeting Therapeutic Protein** Marco Morbidelli (Liege, Belgium), Patricia Lassaux, Mireille Dumoulin, Didier Cataldo
OA5512	**Ultrasonic Elastography-guided versus Traditional Thoracic Ultrasound-guided Pleural Biopsy for the Diagnosis of Pleural Effusion: A Multicentre Randomized Trial** Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng

OA5513	**AESOP – A randomised controlled crossover study of indwelling pleural catheter drainage systems in malignant pleural effusions** Rebecca Crook (Bristol, United Kingdom), Eleanor Barton, Emeka Azubuike-Dyer, Anna Morley, Kerra James, Geraldine Lynch, Sonia Patole, Steven Walker, Amelia Clive, Rahul Bhatnagar, Nick Maskell
OA5514	**A binary survival model, incorporating Fibulin-3, predicts survival in pleural mesothelioma** Harrison Stubbs (Glasgow, United Kingdom), Selina Tsim, Laura Alexander, Caroline Kelly, Matthew Tate, Kevin G Blyth
OA5515	**AI-driven risk prediction for thoracoscopy in suspected pleural malignancy: a proof-of-concept study** Adhnan Omar (Cardiff, United Kingdom), Artemio Gonzales, Chris Edwards, Alina Ionescu
OA5516	**Results of the STRATIFY study (Staging by Thoracoscopy in potentially radically treatable Lung Cancer associated with Minimal Pleural Effusion)** Jenny Ferguson (Glasgow, United Kingdom), Laura Alexander, Caroline Kelly, Matt Evison, John Corcoran, Seamus Grundy, Nicola Downer, Gordon Cowell, Najib Rahman, Kevin Blyth
OA5517	**Know the Harm to 'Do No Harm': A Retrospective Review of Iatrogenic pneumothorax managed at a single centre over 8 years** Beenish Iqbal (Oxford, United Kingdom), Dinesh Addala, Alguili Elsheikh, Najib Rahman, Rob Hallifax
OA5518	**Increased Toll-Like Receptor 9 expression associated with cellular proliferation and poor prognosis in pleural mesothelioma** Fatma El Zahraa Mohamed (Jeddah, Saudi Arabia), Fatma El Zahraa Ammar Mohamed, Ali Abdelaziz, Dina Thabit, Rehab Kamal, Hend Moness, Rasha Ahmed, Mariana F Gayyed
OA5519	**Genetic susceptibility in MAlignant pleural mesothelioma: clinical implication of GermliNE variaTionS (the MAGNETS project).** Ilaria Campo (Pavia (PV), Italy), Fady Tousa, Elisabetta Gallo, Maria Arminio, Vinvenzo Marando, Angelo Corsico, Enrico Oddone, Giulia Maria Stella
OA5520	**Adequacy of cell-free DNA from pleural effusion supernatant for oncogenic mutations detection** Tiva Nemanic (Ljubljana, Slovenia), Mateja Marc Malovrh, Izidor Kern, Aleš Rozman
OA5511	**Discussion and Q&A**

Amtrium — Session 466 — 11:00 - 12:15

Oral presentation: Targeting the host–pathogen interface: new frontiers in respiratory infection

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Respiratory intensive care

Chairs : Karl J. Staples (Southampton (Hampshire), United Kingdom), Ana Motos Galera (Nantes, France)

OA5521	**Late Breaking Abstract - Immunogenicity and safety of AS01E-adjuvanted respiratory syncytial virus prefusion F protein vaccine (adjuvanted RSVPreF3) up to 6 months post-vaccination in adults 18–49 years of age (YOA) at increased risk of RSV disease and adults ≥60 YOA** Essack Mitha (Johannesburg, South Africa), Murdo Ferguson, Agatha Wilhase, Ferdinandus De Looze, Marie-Louis Vachon, Helen Stacey, Roy Rasalam, Minoru Nozaki, William Smith, Tino F. Schwarz, Hiwot Amare Hailemariam, Quentin Deraedt, Catherine Gérard, Carline Vanden Abeele, Silvia Damaso, Dominique Descamps, Judith Hill, Dileep Dasyam, Jonathan Van Gucht, Veronica Hulstrøm
OA5523	**Therapeutic hypoxia-inducible factor 1α stabilization activates antimicrobial peptide expression and prevents pneumonia** Scott Evans (Houston, United States), Yongxing Wang, Vikram Kulkarni, Jezreel Pantaleon Garcia, Mbaya Ntita
OA5524	**Anti-inflammatory mediators from lung microbiota: a breath of fresh air for people with chronic airway diseases?** Laura Bollé (Gent, Belgium), Ellen Goeteyn, Steven L. Taylor, Alison Dicker, Merel Wauters, Marie Joossens, Jodie L. Simpson, Lucy Burr, James D. Chalmers, Geraint B. Rogers, Eva Van Braeckel, Aurélie Crabbé
OA5525	**Revealing adaptive mechanisms and antibiotic tolerance in Pseudomonas aeruginosa infections: The role of host-pathogen interactions in bacterial recalcitrance** Pablo Laborda Martínez (København, Denmark), Stefanos Lampadariou, Ruggero La Rosa, Søren Molin, Helle Krogh Johansen
OA5526	**Scap stabilizes PKM2 to promote glycolysis and enhance antifungal immunity in macrophages** Jiaqi Huang (Hangzhou, China), Yuejue Wang, Fei Li, Songmin Ying, Wen Li, Zhihua Chen

OA5527	**Myxovirus resistance protein A for distinguishing viral from non-viral respiratory infections in adults: a prospective study** Mengwei Yan (Beijing, China), Nengyong Wang, Liping Yang, Xiaoqi Zhang, Yong Zhang, Weixia Xuan, Xiaoju Zhang, Gang Liu, Herong Wang, Yeming Wang, Bin Cao
OA5528	**Isolation and therapeutic potential of lytic phages against drug-resistant Pseudomonas aeruginosa** Viviane Oliveira (Barcelona, Spain), Aina Planchart, Evandro Watanabe, Miguel Ferrer, Antoni Torres, Laia Fernandez-Barat
OA5529	**Exploring the neutrophil proteome in influenza and COVID-19: results from the INNOVATE study** Kateryna Viligorska (Chernivtsi, Ukraine), Jeffrey Huang, Holly Lind, Kara Robertson, Clare Clarke, Chloe Hughes, David Connell, Holly R Keir, Zsofia Eke, Eve Mcintosh, Emma Johnson, Amelia Shoemark, Thomas Pembridge, Jamie Stobo, Marek Gierlinski, James D Chalmers, Merete B Long
OA5530	**Experimental rhinovirus infection induces symptomatic and immunological exacerbation in bronchiectasis** Charlotte Carter (London, United Kingdom), Joanne Mckenzie, Kyle Mincham, Marina Kusumato, Faiza Ahmed, Ye Myat, Tata Kedadze, Michael Edwards, Hugo Farne, Lydia Finney, Tom Wilkinson, James Chalmers, Sanjay H. Chotirmall, Salman Siddiqui, Mirae Park, Onn Min Kon, Robert Snelgrove, Sebastian Johnston*, Anand Shah*, Aran Singanayagam*
OA5531	**TNF-related apoptosis-inducing ligand (TRAIL) is a critical factor in pneumococcal nasopharyngeal decolonization in mice** Lena Ostermann (Hannover, Germany), Meret Sophie Pahl, Carolin Flasche, Regina Maus, Jennifer Stolper, Thomas S. Griffith, Ulrich A. Maus
OA5522	**Discussion and Q&A**

Studio — Session 467 — 11:00 - 11:45

Patient-centred session: Family burden: the forgotten caregivers?

Aims : to discuss the important role of carers in healthcare and to raise awareness of their support needs.

Chairs : Hilary Hodge (Montreuil-Juigne, France)

11:00	**Family burden: the forgotten caregivers?: panel discussion** Chantal van den Dungen (Juprelle, Belgium), Jody Petry (Colgate, United States), Ibáñez Begoña (Barcelona, Spain), Matthew Maddocks (BROMLEY, United Kingdom), Speaker to be confirmed	**5532**

G104/105 — Session 468 — 11:00 - 13:40

Skills workshop: SW14 SW14: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Chairs : Rahul Bhatnagar (Bristol, United Kingdom)

11:00	**Introduction** Rahul Bhatnagar (Bristol, United Kingdom)	**5533**
11:20	**Normal thoracic cavity** Morten Bendixen (Odense C, Denmark), Janet Fallon (Somerset, United Kingdom)	**5534**
11:20	**Pleural effusion and/or pleural thickening** Pia Iben Pietersen (Odense C, Denmark), Giovanni Volpicelli (Torino (TO), Italy)	**5535**
11:20	**Case studies** Radhika Banka (Mumbai (Maharashtra), India)	**5536**
11:20	**Guided interventions** Dinesh Addala (Oxford, United Kingdom), Gilles Mangiapan (Creteil, France)	**5537**

PS-1 — Session 476 — 12:30 - 14:00

Poster session: Current clinical problems in respiratory medicine I

Disease(s) : Airway diseases Sleep and breathing disorders Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Public health Pulmonary function testing General respiratory patient care Epidemiology Imaging Pulmonary rehabilitation Surgery

Chairs : Mauro Maniscalco (Napoli (NA), Italy), Stefania Principe (Utrecht, Netherlands)

PA5563	**Treatable Traits in Long COVID: Inhaled corticosteroids for small airway dysfunction among symptomatic Long COVID patients without known asthma.** Anthony Byrne (Allambie Heights, Australia), Marshall Plit, Steven Faux, Betty Jo, Daniel Ishak, Sonia Shahid, Elli Asgary, Usama Mohamed
PA5564	**Is respiratory muscle strength, peripheral muscle strength and postural control affected in spine deformities?** Sefa Yıldırım (Istanbul, Turkey), Semiramis Ozyılmaz, Nuh Mehmet Elmadag, Aysegül Yabaci Tak
PA5565	**Poly use of tobacco products among adolescents in Tunisia** Baraa Ben Bdira (Sousse, Tunisia), karim felhi, Asma Knaz, Nawel Zammit, Sarra Soua, Rim Ghammem, Sihem Benfredj, Afef Khiri, Imed Harrabi, Imen Gargouri, Iteb Benlimem, Jihen Maatoug, Sana Aissa, Ahmed Abdelghani
PA5566	**Impact of incorrect inclination angle during inhalation on in vitro performance of a new discrete multi-dose dry powder inhaler (mDPI)** Meena Lopez (Mumbai, India), Vrinda Mhapsekar, Sonali Vartak, Nitiraj Ransing, Shilpa Chorge, Kapileswar Swain, Swapna Nair, Vaishali Naik, M Senthilnathan, Jaideep Gogtay
PA5567	**Dysfunctional breathing after COVID-19: evolution of symptoms, functional status and quality of life.** Léon Genecand (geneve, Switzerland), Marco Altarelli, Alzbeta Binkova, Selina Loew, Stephanie Vaudan, Isabelle Frésard, Pierre-Olivier Bridevaux
PA5568	**Effectiveness of exergaming on pulmonary system in children with stem cell transplantation** Mirsad Alkan (istanbul, Turkey), Ceren Derya Gültekin, Zeynep Kaçar, Nilay Demir
PA5569	**Beyond the x-ray: Evaluating diaphragmatic function in patients with a raised hemidiaphragm** Yanika Gatt (Madliena, Malta), Sarah Bonello, Martin Balzan
PA5570	**Investigation of the relationship between dysfunctional breathing and physical fitness parameters in healthy adult individuals** Berrak Varhan (Istanbul, Turkey), Yunus Emre Tutuneken, Nurgul Durustkan Elbasi, Merve Sultan Taliman
PA5571	**FeNO50 and FeNO200 as Biomarkers of Airway Obstruction in Large, Real-life Outpatients with Chronic Cough.** Yun Liu (Xi'an, China), Dan Wang
PA5572	**Evaluation of pulmonology consultation outcomes in pregnant women** Şerife Yasemin Orhanlı (Düzce, Turkey), Ege Güleç Balbay, Şengül Cangür, Fikret Gökhan Göynümer
PA5573	**Differences between ECSC-1993 and GLI-2012 reference values for forced vital capacity (FVC) in pulmonary function tests: To what extent are we aware of the difference?** Mehmet Uysal (İstanbul, Turkey), Can Ortak, Gokhan Erdogan, Yelda Niksarlioglu
PA5574	**Uncovering the symptom burden of persons with expiratory central airway collapse: a qualitative study** Sasha Toft Sørensen (Aalborg, Denmark), Ida Mousten Termansen, Anna Lei Stoustrup, Ulla Møller Weinreich
PA5575	**A single centre experience of managing mild Obstructive sleep apnoea (OSA) using a clinical triage model.** Kunle Irojah (Lekki, Nigeria), Aqusa Zahid, Shabana Chowdhary, Atul Gulati, Anna Mowat, Olakunle Irojah
PA5576	**Late Breaking Abstract - Positional device in the treatment of positional obstructive sleep apnea (POSA):multicenter, randomized controlled trial (PAVLOV study)** Maria Angelica Yañez Quintero (MADRID, Spain), Laura Pozuelo Sánchez, Aldara Garcia Sanchez, Eva Mañas Baena, Maria Parra Jarque, Sara Gonzalez Castro, Cristiano Van Zeller, A Roncero Lázaro, Juan Ruiz Cubillán, Valentin Cabriada Nuño, F F. Campos Rodriguez, Maria Jose Muñoz Martinez, Alberto Alonso Fernandez, T Diaz Cambriles, M Dalmases, M Martín Carpi, Ainhoa Álvarez Ruiz De Larrinaga, Olga Meca Birlanga, Manuel Sanchez De La Torre13, Irene Cano Pumarega
PA5577	**Artemisia annua sublingual immunotherapy in children with seasonal allergic rhinitis** Xiao Xiao (, China), Wentong Ge, Ziyi Li, Lixing Tang, Xiaojian Yang
PA5578	**Descriptive Study on 6-Minute Walk Test at 2240 Meters Above Sea Level** Nayeli Guadalupe Zayas Hernandez (La Paz, Mexico), Rogelio Salazar Corona, Ana Gabriel Vázquez Figueroa, Regina Solares Zendejas, Rodrigo Zebadua Torres
PA5579	**Retrospective evaluation of the quality of body plethysmography in a functional testing laboratory.** Jose Daniel Cordero Marquez (Torrejon de Ardoz, Spain), Stephany Ivonne Briones Alvarado, Carlo Luis Sarango Parrales, Angela Gomez Sacristan, Rafael Gregorio Marulanda Melo, Angela Peñaloza, Walther Ivan Giron Matute, Luis Puente Maestu

PA5580 **Prevalence of anxiety and depression in patients affected by bronchiectasis and/or NTM: a prospective study.**
Emanuela De Stefano (pavia, Italy), Elisabetta Gallo, Maria Arminio, Marianna Russo, Mitela Tafa, Lorenzo Arlando, Lucrezia Pisanu, Ilaria Giana, Klodjana Mucaj, Simone Montini, Francesco Bertuccio, Valentina Conio, Angelo Guido Corsico, Giulia Maria Stella

PA5581 **Symptoms and health-related quality of life by surgical history in patients with chronic rhinosinusitis with nasal polyps: A real-world survey in Europe, the United States of America and Japan**
Fritha Hennessy (Bollington, United Kingdom), Fraser Barrable, Libby Turner, Adam Haq, Mary Kay Margolis, Andrew Foster, Danny Gibson, Benjamin Emmanuel

PA5582 **Comparison and Reference Equations for Three Fractional Exhaled Nitric Oxide Analyzers: NIOX VERO®, SUNVOU DA2123® and UBREATH BA200®.**
Yun Liu (Xi'an, China), Dan Wang

PS-10 Session 477 12:30 - 14:00

Poster session: Stem cells and cell therapy in lung repair

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology | General respiratory patient care | Physiology | Respiratory intensive care

Chairs : Sara Rolandsson Enes (Lund, Sweden), Chair to be confirmed

PA5583 **Wharton's Jelly-derived mesenchymal stem cells modulate fibroblast-to-myofibroblast transition to attenuate pulmonary fibrosis**
Seung Won Ra (Ulsan, Republic of Korea), Seo Hee Park, Min Ju Kim, Ok Joo Sul

PA5584 **Mitochondrial transplantation therapy using dedifferentiated fat cells for pulmonary fibrosis**
Kenji Mizumura (Tokyo, Japan), Tomohiko Kazama, Isamu Taiko, Ryosuke Ozoe, Toshio Miki, Taro Matsumoto, Yasuhiro Gon

PA5585 **Evidence for the existence of Lineage-Traced Sftpc progenitor cells in the Bronchi (named LTS-B) during homeostasis and ex vivo injury in mice**
Afshin Noori (Giessen, Germany), Esmeralda Vásquez Pacheco, Ioannis Alexopoulos, Janine Koepke, Christos Samakovlis, Marek Bartkuhn, Saverio Bellusci

PA5586 **Spatial expression of YAP/TAZ in the epithelial/mesenchymal niche in healthy and COPD lung**
Anna Cederberg (Lund, Sweden), Tom Delaire, Bryan Falcones, Linda Elowsson, Göran Dellgren, Gunilla Westergren-Thorsson

PA5587 **Klf4 deletion in AT2 promotes alveolarisation and angiogenesis in a transgenic mouse model for hyperoxia-based neonatal chronic lung disease**
Centina Kuiper-Makris (Cologne, Germany), Jasmine Mohr, Oleksiy Klymenko, Ivana Mizik, Hannah Steinbuch, Christina Vohlen, Dharmesh Hirani, Christoph Bartenhagen, Theodoros Georgomanolis, Jörg Dötsch, Miguel Alejandre Alcázar

PA5588 **Effects of Nintedanib on Mesenchymal Stem Cells derived from IPF patients**
Martina Bonifazi (Ancona (AN), Italy), Mariangela Di Vincenzo, Francesca Gonnelli, Federico Mei, Francesca Barbisan, Majed Refai, Gaia Goteri, Pamela Pellegrino, Monia Orciani

PA5589 **Effects of ARDS microenvironment on MSCs immunomodulatory capacity**
Abigail Warren (Galway, Ireland), Lanzhi Liu, Rui Shi, Shanshan Du, Claire Masterson, Bairbre Mcnicholas, Daniel O'Toole, Karen English, John Laffey

PA5590 **Regulation of LARS2 expression by ITIH4 in AECII of ARDS**
Yi-Wei Lin (Taipei City, Taiwan), Hsiao-Chi Chuang

PA5591 **IL-1β Exposed MSCs Enhance Neutrophil Recruitment: A Potential Benefit or Risk for Cell Therapy in ARDS?**
Sara Rolandsson Enes (Lund, Sweden), Nour Hassaan, Tobias Schmidt, Lisa Påhlman, Robin Kahn

PA5592 **The therapeutic potential of mesenchymal stromal cell therapy and hypercapnia in ARDS**
Caroline Santos, Claire Masterson, Katie O'Donoghue, Abigail Warren, Katie Walsh, Joanne Daly, Daniel O'Toole

PA5593 **Hematopoietic remodeling underpins allergic comorbidities**
BINGPENG YAO (Hangzhou, China), Sheng Pan, Guoxiong Tian, Yangmingzi Hu, Haiqing Chen, Fan Shi, Chao Zhang, Songmin Ying

PA5594 **Optimization of exosome secretion from mesenchymal stromal cells using lung derived-hydrogels: The influence of substrate stiffness and oxygen Level**
Alicia Jurado (Barcelona, Spain), Jorge Otero, Ramon Farré, Albert Lu, Isaac Almendros

PA5595	**Human lung mesenchymal stromal cells display lower senescence than lung fibroblasts; implications for COPD** Marissa Wisman (Sleen, Netherlands), Dennis Kruk, Wierd Kooistra, Irene Heijink, Roy Woldhuis
PA5596	**Study of the in vitro therapeutic efficacy of preconditioned MSCs for the treatment of ARDS** Lanzhi Liu (Galway, Ireland), Juan Fandino, Claire Masterson, Shanshan Du, Abigail Warren, Rui Shi, Sean Mccarthy, Ignacio Sallent, John Laffey, Daniel O'Toole
PA5597	**Regulation of bronchioalveolar stem cells in health and disease** Chiara Mura (Bad Nauheim, Germany), Isabelle Salwig, Thomas Braun
PA5598	**SMG-derived extracellular vesicles promote tracheal injury repair via ITGA4 and SerpinA3N-mediated ECM stabilization and stem cell migration** Yu Xuan Chen (Chongqin, China), Yi Shi Li, Zhen Zou, Shu Liang Guo
PA5599	**Insights into the origin and trans-differentiation potential of alveolar basal cells** Katrin Esther Hostettler (Basel, Switzerland), Sabrina Blumer, Petra Khan, Julien Roux, Spasenija Savic, Lars Knudsen, Danny Jonigk, Mark P. Kuehnel, Nataliia Artysh, Linda Plappert, Antje Prasse
PA5600	**The effects of intranasal treatment with mitochondria-targeted slow hydrogen sulfide releasing donor AP39 on bleomycin-induced pulmonary fibrosis in mice** Yasemin Karaman (Ankara, Turkey), Esra Buber, Olcay Kurtulan, Musteba Bayramzadeh, Reshed Abohalaka, Ozge Burcu Sahan, Sevgen Celik Onder, Ayşen Gunel-Ozcan, Zeliha Gunnur Dikmen, Turgut Emrah Bozkurt
PA5601	**Late Breaking Abstract - Extracellular vesicles derived from human urine-derived stem cells attenuate LPS-induced acute lung injury by inhibiting neutrophil extracellular trap formation** Wensi Zhu (Shanghai, China), Linxiao Han, Jian Zhou
PA5602	**Investigating the differential effects of platelet-derived growth factor (PDGF) isoforms in lung and dermal fibroblasts** Brandon Kohlen (Vancouver, Canada), Raveen Badyal, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett

PS-11 Session 478 12:30 - 14:00

Poster session: Exploring novel dimensions in the management of sleep-disordered breathing

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases

Method(s) : Public health | General respiratory patient care | Physiology | Pulmonary function testing | Pulmonary rehabilitation

Chairs : Maria José Araújo Cunha Guimarães (Palmeira – Stº Tirso, Portugal), Matteo SICILIANO (ROMA, Italy)

PA5603	**Effectiveness of Pulmonary Rehabilitation with Positive Airway Pressure in Obstructive Sleep Apnea: A Randomized Controlled Trial** Kirti Kadian (Rohtak , India), Prakhar Agarwal, Alkesh Kumar Khurana, Abhishek Goyal, Abhinav Choubey
PA5604	**Mask sealing characterization through test bench using thermal imaging.** Baptiste Rouchié (Bagneux, France), Lola Granger, Marie Lambert, Mary Schmitt
PA5605	**Changes in CPAP pressure during one month titration via telemonitoring in patients with obstructive sleep apnea** Clarissa Rizzo (Catania, Italy), Eugenio Spagnolo, Domenico Caratozzolo, Antonella Ficili, Salvatore Mancuso, Antonio Privitera, Cristina Gangemi, Carlo Vancheri, Lucia Spicuzza
PA5606	**Prediction of CPAP Pressure:A Cost-Effective Approach for Obstructive Sleep Apnea Management in developing countries like India.** Manish Yadav (Mumbai, India), Jairaj P Nair
PA5607	**OSA risk in community dwelling insular Greek older adults correlates with ZJU index: results from the cross-sectional Laskaratos study in Kefalonia.** Stefanos Athanasios Giannopoulos (Larisa, Greece), Fotini Debonera, Eleftherios Papazoglou, Loukas Zilfidis, Anastasia I. Spyratou, Eleftheria-Marina Koukia, Petros Kassas, Gerasimoula Stathatou, Nikos Montesantos, Sotirios G. Zarogiannis
PA5608	**Impact of acute exacerbations in chronic obstructive pulmonary disease on the quality of sleep** Imen Touil (Mahdia, Tunisia), Ben Soussia Rim, Sdiri Amel, Ksissa Souhir, Hannachi Ines
PA5609	**Sarcopenic obesity in OSA and OHS patients** Andraž Jug (Ponikva, Slovenia), Kristina Ziherl, Jurij Koželj, Tatjana Kosten, Borut Benko, Irena Šarc
PA5610	**Treatment of Obstructive Sleep Apnea with Inhalation of CO2 Using a Novel Device** Zhiqiang Chen (GUANGZHOU, China), Baiting He, Haiying Xu, Qihua Zhu, Lu Wang, Shanfeng Liang, Hao Chen, Feng Li, Joerg Steier, Peter G Catcheside, Andrew Wellman, Danny J. Eckert, Michael I. Polkey, Yuanming Luo

PA5611	**Endotypic traits of hypopnea-predominant obstructive sleep apnea: the role of hypopnea definition** Liang-Wen Hang (Taichung, Taiwan), Wan-Ju Cheng, Eysteinn Finnsson, Jón S. Ágústsson, Scott A Sands
PA5612	**Effect of instrumental music on sleep quality in breast cancer patients undergoing chemotherapy** Bharati Mehta (Jodhpur, India), Ritika Sharma, Puneet Pareek, Pooja Ojha, Prasunpriya Nayak
PA5613	**THE IMPACT OF DIFFERENT OXIMETRY DEVICES (OD) ON MONITORING SLEEP DISORDERS BREATHING (SDB): IMPLICATIONS FOR CLINICAL DECISION-MAKING** Raffaella Pagliaro (Alvignano, Italy), Joerg Steier, Rebecca F. D'Cruz, Eui-Sik Suh, Saba Bokhari, Michelle Ramsay, Shelley Srivastava, Khaled Alarfi, Georgios Kaltsakas, Nicholas Hart, Patrick B. Murphy
PA5614	**Respiratory effort-driven mouth opening causes unintentional air leaks during PAP therapy** Jean-Benoit Martinot (Namur, Belgium), Nhat-Nam Le-Dong, Didier Clause, Atul Malhotra, Jean-Louis Pépin
PA5615	**Implementation of a quality improvement process (QIP) to improve sleep study analysis waiting times** Trish Matharu (Walsall (West Midlands), United Kingdom), Joanna Shakespeare, Vicky Moore, Edward Parkes
PA5616	**Symptomatic and healthcare burden of obstructive sleep apnoea: A retrospective study** Maryana Jahangir (London, United Kingdom), Summia Hussain, Mei Lam, Ryan Syed, Kai Lee
PA5617	**Follow-up strategy for CPAP treatment in patients with Down syndrome and Obstructive Sleep Apnea** Ariadna Farre Maduell (barcelona, Spain), Patricia Peñacoba Toribio, Inés Podzamczer Valls, Vera Marcela Lugo Arrua, Marta Gutiérrez Rouco, Marta Blanco Béjar, Marta Aguilera Molina, Ana Fernández Arcoes, Ana Mª Fortuna Gutiérrez, Sandra Giménez Badía
PA5618	**Integrating Overnight Pulse Oximetry as a Screening Tool for Sleep-Disordered Breathing: A Quality Improvement Initiative** Punitha Vairamani (Macroom (Co Cork), Ireland)
PA5619	**Eating window, weight loss, glucose balance and insomnia symptoms** Petri Ojala (Turku, Finland), Matti Kaisti, Jukka-Pekka Sirkiä, Ulla Anttalainen, Tarja Saaresranta
PA5620	**Should Systematic Pulmonary Function Testing Be Performed in Patients with OSA?** Mahdi Martani (Constantine, Algeria), Mohamed Kheireddine Bourahli, Mohamed Bougrida
PA5621	**A performance validation of six commercial wrist-worn wearable devices for sleep stage scoring compared to polysomnography** An-Marie Schyvens (Edegem, Belgium), Nina Van Oost, Brent Peters, Jean-Marie Aerts, Federica Masci, An Neven, Hélène Dirix, Geert Wets, Veerle Ross, Johan Verbraecken
PA5622	**Impact of reimbursement on adherence to OSA treatment in western Romania** Norbert Wellmann (TIMISOARA, Romania), Ovidiu Fira-Mladinescu, Andreea Roxana Durdan, Monica Steluta Marc

PS-12 Session 479 12:30 - 14:00

Poster session: Positive airway pressure therapy for sleep apnoea treatment: different interfaces, assessment of outcomes and evaluation of compliance

Disease(s) : Sleep and breathing disorders | Airway diseases | Respiratory critical care

Method(s) : Epidemiology | Physiology | Public health | General respiratory patient care | Pulmonary function testing

Chairs : Marta Susana Monteiro Drummond Freitas (Maia, Portugal), Ding Zou (Gothenburg, Sweden)

PA5623	**Effect of continuous positive airway pressure on blood pressure in normotensive individuals with obstructive sleep apnoea: a randomised trial** Mario Henriquez (Lleida / Lérida, Spain), Manel Perez-Pons, Gerard Torres, Iván D. Benítez, Rafaela Vaca, Lidia Pascual Arnó, Olga Minguez, Maria Aguilà, Dolores Martínez, Lucía Pinilla, Anna Galan Gonzalez, Sergi Balsells Garriga, Manuel Sánchez-De-La-Torre, Ferran Barbé, Adriano D. S. Targa
PA5624	**PAP treatment reduces the excess mortality risk of obstructive sleep apnea** Sven Svedmyr (Mölndal, Sweden), Ding Zou, Jan Hedner, Magnus Ekström, Mirjam Ljunggren, Josefin Sund, Andreas Palm, Ludger Grote
PA5625	**Post-stroke sleep disordered breathing and the effect of positive airway pressure treatment: An updated systematic review and meta-analysis of randomized control trials** Dimosthenis Lykouras (Patra, Greece), Fotios Sampsonas, Vasileios Karamouzos, Michael Doulberis, Kiriakos Karkoulias, Paschalis Steiropoulos, Argyrios Tzouvelekis
PA5626	**Association Between Positive Airway Pressure Adherence and the Risk of Incident Depression in Patients With OSA** Julie Garrivet (Angers, France), Margaux Blanchard, Bénédicte Gohier, Pierre Alexis Geoffroy, Geoffroy Solelhac, François Goupil, Thierry Pigeanne, Frédéric Gagnadoux, Wojciech Trzepizur

PA5627	**Residual apnoeas/sleepiness after an out-patient CPAP adaptation: a 10-year study.** Michele Vitacca (Lumezzane (Brescia), Italy), Beatrice Salvi, Carla Simonelli, Eugenio Vitacca, Giuseppina Gaia, Paola Andreoni, Nicolino Ambrosino, Mara Paneroni
PA5628	**Predictors of residual sleepiness in CPAP treated obstructive sleep apnea** Mirjam Elisa Ljunggren (Uppsala, Sweden), Magnus Ekström, Össur Ingi Emilsson, Ludger Grote, Josefin Sundh, Jenny Theorell-Haglöw, Andreas Palm
PA5629	**Differences in access to PAP treatment for obstructive sleep apnea (OSA) in Europe** Jean-Louis Pépin (Grenoble, France), Joëlle Texereau, Sébastien Bailly, Cariosa Ricordeau, Marie Lambert, Emilie Bailbled, Raoua Ben Messaoud, Sarah Alami
PA5630	**Medical and home-based follow-up pathways for PAP-treated OSA patients across Europe** Jean-Louis Pépin (Grenoble, France), Joëlle Texereau, Sébastien Bailly, Cariosa Ricordeau, Marie Lambert, Emilie Bailbled, Raoua Ben Messaoud, Sarah Alami
PA5631	**Assessments of Hybrid Personalised Support Plans to Improve Positive Airway Pressure Adherence** Sarah Alami (Bagneux, France), Paula Pinto, Gustavo Reis, Fatima Teixeira, Vania Caldeira, Bebiana Conde, Hélène Pasche, Henry Taupin, Ana Simoes, Sylvie Blais, Ceu Mateus, Joaquim Moita, Joëlle Texereau
PA5632	**Adherence to CPAP in randomised controlled trials in obstructive sleep apnoea - a meta-analysis and investigation of predictors** Lara Benning (Zurich, Switzerland), Zoe Bousraou, Matteo Bradicich, Silvia Ulrich, Esther Irene Schwarz
PA5633	**Observational Study on CPAP Compliance and Associated Factors in Patients Over 80 Years Old with Obstructive Sleep Apnea** Elena Condorelli (Malaga, Spain), Miguel Benitez-Cano Gamonoso, Alberto Alvarez Napoles, Sara Sanchez Martin, Mercedes Segura Romero, Eva Cabrera Cesar, Jose Luis Velasco Garrido
PA5634	**A Comparative Cloud-Based View of Adherence Data Over One Year of CPAP vs. APAP Use in OSA Patients: Adherence Depends on PAP Device** Diptendu Dey (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Raja Dhar, Milind Sovanimsovani
PA5635	**Obstructive sleep apnea syndrome: Impact of Titration location on CPAP Compliance** Ines moussa (ariana, Tunisia), chaima baya, Hana Mrassi, Ameni Hamdi, Bacem Medini, Leila El Gharbi
PA5636	**EVALUATION OF HOME TITRATION VS TELEMONITORING CONSULTATION** Alejandra Roncero Lazaro (Logroño (La Rioja), Spain), Amaia Perez De Nanclares Saez, María Torres Muga, María Dolores Ramirez Martinez, Mariola Bretón Ruiz, Marta Cristeto Porras, María Aguado Agudo, Paula Vicente Hernando, Jorge Lázaro Galán, Carlos Ruiz Martinez
PA5637	**One year of CPAP treatment follow-up through a remote medical centre in patients with obstructive sleep apnea: a randomized controlled trial** Salvatore Mancuso (Gravina di Catania (CT), Italy), Andrea Renda, Antonella Ficili, Chiara Pasquali, Domenico Caratozzolo, Carlo Vancheri, Lucia Spicuzza
PA5638	**Self-initiated CPAP is equally effective compared to face-to-face CPAP-initiation with suitable patient selection** Karissa Kärtevä (Porvoo, Finland), Linda Nissi, Helene Gräsbeck, Tiina Aalto, Heikki Ekroos
PA5639	**Clinical Experience with the AirCurve 10 Vauto in Treating Obstructive Sleep Apnoea** Teresa Bretos (Bilbao, Spain), Amaia Urrutia Gajate, Sonia Castro Quintas, Laura Cancelo Diaz, Sandra Pedrero Tejada, Cristina Mosquera Fernandez, Cristina Valverde Novillo, Aitziber Astoreca Martindez, Valentin Cabriada Nuño
PA5640	**Clinical impact of customised positive airway pressure (PAP) therapy interfaces (3DPiPPIn): a randomised controlled trial** Stephanie K. Mansell (Guildford (Surrey), United Kingdom), Oliver Olsen, Francesca Gowing, Deborah Ridout, Cherry Kilbride, Stephen Hilton, Eleanor Main, Swapna Mandal, Silvia Schievano
PA5641	**Crudle nasal masks as first line interfaces for CPAP treatment in OSA patients: preliminary results of a retrospective observational study** Beatrice Tani (Roma, Italy), Andrea Lanza, Marta Marin, Miriam Celeste Viganò, Salvatore Longobardi, Chiara Bertonazzi, Paolo Tarsia
PA5642	**Factors affecting the follow up of patients with obstructive sleep apnea** Zlatina Ivanova (Pleven, Bulgaria), Nikolay Kyuchukov, Yavor Ivanov

PS-13 Session 480 12:30 - 14:00

Poster session: Variability in sleep apnoea and the association of different hypoxia metrics with sleep apnoea diagnosis and outcomes

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology Pulmonary function testing Public health Surgery

Chairs : Sébastien Baillieul (Grenoble CEDEX 9, France), KATERINA VLAMI (Chaidari, Greece)

PA5643	**Variability and reliability of obstructive sleep apnoea diagnosis across multiple sleep studies** Fred Fyles (Liverpool, United Kingdom), Abigail Clynch, Matthew Austin, Lesley Mattock, Gregory Y. H. Lip, Ari Manuel, Sonya Craig, Sriram Iyer
PA5644	**Prevalence of sleep-disorderd breathing over time: findings from the Bern Sleep-Wake Registry** Xiaoli Yang (Bern, Switzerland), Julia Van Der Meer, Julian Lippert, Markus Schmidt, Anne-Kathrin Brill, Christian Horvath
PA5645	**Weekly variations in obstructive sleep apnea severity: the weekend "social apnea" phenomenon** Lucia Pinilla (Adelaide, Australia), Bastien Lechat, Hannah Scott, Amy C Reynolds, Jack Manners, Kelly Sansom, Robert Adams, Pierre Escourrou, Peter Catcheside, Danny J Eckert
PA5646	**Is there a difference between sleep position in home sleep studies and in-laboratory polysomnographies?** Kathleen Jahn (Basel, Switzerland), Jonathan Roecken, Ekrem Temizel, Jochen Ruediger, Arjith Naduvilekoot, Philipp Konermann, Silviu Chirila, Antje Prasse, Werner Strobel
PA5647	**Biological sex specific association of lung function parameters on nocturnal oxygenation in a bariatric cohort before surgery** Christian Horvath (Bern, Switzerland), Manuel Schüpfer, Sebastian Ott, Anne-Kathrin Brill
PA5648	**Association of nocturnal hypoxemic burden and cancer incidence – a longitudinal analysis from the DIAbetes COhoRtE** Lisa Gambke (Regensburg, Germany), Sarah Driendl, Michael Arzt, Mathias Baumert, Klaus J. Stark, Iris M. Heid, Martina E. Zimmermann, Stefan Stadler
PA5649	**Sustained and intermittent hypoxia predict prevalent diabetes mellitus in obstructive sleep apnea –the national SESAR cohort** Ludger Grote (Göteborg, Sweden), Andreas Palm, Jenny Theorell-Hagloew, Magnus Wijkman, Martin Ulander, Jonas Agholme, Fredrik Iredahl, Jan Hedner
PA5650	**Association between sleep hypoxia and white matter hyperintensities in obstructive sleep apnea** Masako Ueyama (Tokyo, Japan), Hiroshi Kimura
PA5651	**Oxygen saturation Sample Entropy, a novel diagnostic tool in sleep disordered breathing** Amar Shah (London, United Kingdom), Nawal Alotaibi, Maggie Cheung, Rodanthe Nixon, Eshrina Gosal, Anita Saigal, John R Hurst, Ali R Mani, Swapna Mandal
PA5652	**Hypoxic burden: a key predictor of postoperative complications in OSA patients** Sébastien Bailly (Grenoble, France), Margaux Blanchard, Abdelkebir Sabil, Sandrine Kerbrat, François Goupil, Audrey Thomas, Jérémie Thereaux, Basil Fuchs, Francis Couturaud, Wojciech Trzepizur, Frédéric Gagnadoux
PA5653	**Hypoxic Burden in Obstructive Sleep Apnea: correlation with comorbidties** Ameni Hamdi (Sidi Bouzid, Tunisia), Ines Moussa, Hana Mrassi, Chaima Baya, Bacem Medini, Leila Douik El Gharbi
PA5654	**The hypoxic burden of moderate obstructive sleep apnoea** Sandhya Matthes (Solingen, Germany), Mohamed Ismail, Marcel Treml, Aymen Jmai, Johannes Knoch, Stefanie Keymel, Lars Hagmeyer, Winfried Randerath
PA5655	**Hypoxic burden, a key metric for obstructive sleep apnea stratification?** M Teresa Martin De Carpi (Zaragoza, Spain), Irene Almudena Tesán Aznar, Sonia Zuñiga Quílez, Patricia Bayod Carbó, Nuria Bernad Serrano, Luisa Cabrera Pimentel, Jorge Rodríguez Sanz
PA5656	**Hypoxic burden: a future diagnostic measure and severity stratification in obstructive sleep apnea?** Marta Pérez Ortega (Huelva, Spain), Javier Romero Lopez, Ana Belén Rodriguez Gómez, Jessica Hilares Vera, Sara González Gutierrez, María Teresa González García
PA5657	**The AHI-ODI difference – what can this parameter tell us?** Ludger Grote (Göteborg, Sweden), Ding Zou, Sebastien Bailly, Elisa Perger, Ozen K Basoglu, Dries Testelmans, Francesco Fanfulla, Pawel Sliwinski, Thomas Penzel, Johan Verbraecken, Richard Staats, Athanasia Pataka, Jan Hedner, The Esada Collaborative Network
PA5658	**Beyond AHI: the impact of desaturation severity on sleep architecture of patients with mild OSA** Pedro Amorim (Porto, Portugal), Daniela Ferreira-Santos, Ermelinda Moreira, Ana Sofia Pimentel, Marta Drummond, Pedro Pereira Rodrigues

PA5659 **Erectile Dysfunction and Nocturia in Patients with Obstructive Sleep Apnea: Relationship with Hypoxia Parameters**
Burak Gokce (İZMİR, Turkey), Mehmet Sezai Tasbakan, Nahit Ogut, Ahmet Barıs Altay, Ozen K Basoglu

PA5660 **Shift work sleep disorder among rotating night shift textile workers and its association with occupational accidents**
Ozan Kaan Konak (izmir, Turkey), Recep Can Uysal, Zehra Nur Töreyin, Özen K. Basoglu

PA5661 **Physiological, clinical and symptomatic improvements in patients undergoing bariatric surgery**
Michael Cheng (Broadway (NSW), Australia), Anne Rossel, Yuanming Luo, Patrick Murphy, Nicholas Hart, Fraser Lowrie, Amanda Piper, Brendon Yee, Joerg Steier

PA5662 **Late Breaking Abstract - Association between air pollution and sleep disordered breathing severity across Europe**
Martino Pengo (Milano (MI), Italy), Fabio Colombo, Sara Conti, Maurizio Gualtieri, Davide Soranna, Elisa Perger, Richard Staats, Pavel Sliwinski, Francesco Fanfulla, Ondrej Ludka, Haralampos Gouveris, Holger Hein, Antonella Zambon, Carolina Lombardi

PS-14 Session 481 12:30 - 14:00

Poster session: Biologics for asthma: navigating specific/complex patient populations

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Cell and molecular biology Pulmonary function testing Epidemiology

Chairs : Apostolos Bossios (Stockholm, Sweden), Clairelyne Dupin (Paris, France)

PA5663 **Efficacy of tezepelumab in adults with severe, uncontrolled chronic rhinosinusitis with nasal polyps and comorbid NSAID-exacerbated respiratory disease (WAYPOINT)**
Brian J. Lipworth (Dundee (Angus), United Kingdom), Joeseph K Han, Martin Desrosiers, Claire Hopkins, Stella E Lee, Joaquim Mullol, Oliver Pfaar, Claudia Chen, Julie Mclaren, Lila Bahadori

PA5664 **The effect of biological treatment on symptoms in patients with NSAID-Exacerbated Respiratory Disease**
Kurtuluş Aksu (Ankara, Turkey), Hatice Celik Tuglu, Onur Telli, Fatma Dindar Celik, Melis Yagdiran, Ozgur Akkale, Gozde Koycu Buhari, Sakine Nazik Bahcecioglu, Gurgun Tugce Vural Solak

PA5665 **Real-world efficacy and cost-effectiveness of omalizumab in asthma with chronic rhinosinusitis and nasal polyps (CRSwNP)**
xiaohan xu (Beijing, China), Duo Mou, Peng Men, Lifeng Xie, Rongsheng Zhao, Chun Chang

PA5666 **Mepolizumab-induced changes in patients with nasal polyps and comorbid asthma: preliminary results on airway microbiome and transcriptome**
Heleni Loutrari (Athens, Greece), Panagiotis Agioutantis, Irini Tsiasioti, Nikolaos Athanasiou, Eleni Litsiou, Vasiliki-Zoi Arvaniti, Georgios-Ioannis Poupouzas, Matilda Chroni, Ioanna Sigala, Giannis Vatsellas, Fragkiskos Kolisis, Nikoleta Rovina, Paraskevi Katsaounou

PA5667 **Benralizumab efficacy in a real-life cohort of severe asthma and eosinophilic granulomatosis with polyangiitis patients**
Alvaro Martinez Mesa (Malaga, Spain), Carlos Martínez Rivera, Andrea Trisán Alonso, Marina Blanco Aparicio, Ana Gómez Bastero, Francisco Casas Maldonado, Juan Carlos Miralles López, Celia Pinedo Sierra, Ebymar Arismendi Núñez, Alfredo De Diego Damián, Eva Martínez Moragón, Daniel Laorden Escudero, Fernando Sánchez-Toril López, María Pérez Morales, Javier López García, Alicia Padilla Galo

PA5668 **Unmasking of Eosinophilic Granulomatosis With Polyangiitis by the initiation of Dupilumab in severe asthma : A Case Series.**
Albatol Rashed (Riyadh, Saudi Arabia), Riyad Al-Lehebi

PA5669 **COMPARATIVE STUDY OF CLINICAL FUNCTIONAL CHARACTERISTICS AND TREATMENT EFFECTIVENESS BETWEEN PATIENTS WITH SEVERE UNCONTROLLED ASTHMA (SUA) AND EOSINOPHILIC GRANULOMATOSIS WITH POLYANGIITIS (EGPA) TREATED WITH MEPOLIZUMAB**
ANTONIO León Lloreda (Tomares, Spain), Belén Muñoz Sanchez, Maria Polonio Gonzalez, David Echavarria Kashmiri, Marta Ferrer Galvan, Auxiliadora Romero Falcon, Juan Francisco Medina Gallardo, Francisco Javier Gutierrez Alvarez

PA5670 **Birth outcomes in severe asthma patients on biologic therapy: a retrospective analysis**
Alice Rose Jefferson (Manchester, United Kingdom), Lynn Elsey, Tara-Jane Franklin, David Allen, Charles Thomas Pantin

PA5671 **Hereditary α-tryptasemia in severe asthma is linked to impaired lung function, lower type 2 biomarkers, and poor omalizumab response**
Peter Kopac (Golnik, Slovenia), Manca Svetina, Sabina Škrgat, Mihaela Zidarn, Julij Šelb, Peter Korosec, Matija Rijavec

PA5672 **Impact of psychological stress on disease control of subjects treated by biologicals for severe asthma**
Anna Breslavsky (Rishon LeTsiyon (Center District), Israel), Ori Wand, Maayan Oren, Natalya Bilenko

PA5673 **Depression and anxiety in severe asthma patients qualified to biological therapy**
Małgorzata Farnik (Katowice, Poland), Julia Szlążek, Justyna Maciejiczek, Adam Barczyk

PA5674 **Biologics for Asthma in genetic lung diseases *Ashkenazi M[1 2], *Boaron Azaria S[2], Heching M3 2, Levin H2 4, Gur M 6 5, Shteinberg M4 6, Efrati O[1 2]**
sivan boaron azaria (Ramat gan, Israel), Moshe Ashkenazi, Ori Efrati, Hagit Levin, Moshe Heching, Michal Gur, Michal Shteinberg

PA5675 **Biologic Therapies in Asthma: Are We Overlooking Patients with Normal Lung Function?**
Elena Rodríguez Lobato (Barcelona, Spain), Marina Paredes López, Francisco Javier González Barcala, Ebymar Arismendi, Carlos Daniel Rodríguez Padilla, Hector Enrique Cedillo, Marina Blanco Aparicio

PA5676 **DOES AGE AFFECT EFFECTIVENESS AND SAFETY OF BIOLOGICAL DRUGS IN ELDERLY SEVERE ASTHMATICS?**
Dario Bartolo Macaluso (Palermo, Italy), Alida Benfante, Alessia Leonarda Lisotta, Maria Filomena Caiaffa, Giovanna Elisiana Carpagnano, Claudia Crimi, Nunzio Crimi, Maria D'Amato, Danilo Di Bona, Maria Pia Foschino Barbaro, Angelantonio Maglio, Santi Nolasco, Corrado Pelaia, Girolamo Pelaia, Andrea Portacci, Giulia Scioscia, Giuseppe Spadaro, Massimo Triggiani, Giuseppe Valenti, Alessandro Vatrella, Salvatore Battaglia, Massimo Attanasio, Nicola Scichilone

PA5677 **Patterns of oral corticosteroid and biologic use in people with uncontrolled difficult-to-treat asthma in New Zealand**
Amy Hai Yan Chan (Auckland, New Zealand), William Harrison, Joshua Neale, Jessie Colbert, Daniel Exeter, Jeff Harrison

PA5678 **Assessment the use of oral corticosteroid and biologics in severe asthma patients living in Switzerland: A national pharmacy cohort**
Pierre-Olivier Bridevaux (Sion, Switzerland), Arnaud Bourdin, Isabelle Peytremann Bridevaux, Eric Van Ganse

PA5679 **Severe asthma with and without long-term oral corticosteroids (OCS): A comparison of disease severity and baseline characteristics**
Mara Coelle (Mainz, Germany), Stephanie Korn, Mandy Seefeldt, Monika Gappa, Cordula Koerner-Rettberg, Katrin Milger, Dirk Skowasch, Rainer Ehmann, Frank Käßner, Marco Idzko, Eckard Hamelmann, Roland Buhl, Christian Taube

PA5680 **Predicting Biologic Therapy Sparing in Severe Asthma and Small Airway Disease: One-Year Outcomes of Single Inhaler Triple Therapy**
Vitaliano Nicola Quaranta (Bari, Italy), Andrea Portacci, Francesca Montagnolo, Luigi Intiglietta, Leonardo Maselli, Flogerta Sana, Valeria Pezzuto, Santina Ferrulli, Alessio Marinelli, Giovanni Dalena, Silvano Dragonieri, Giovanna Elisiana Carpagnano

PA5681 **Late Breaking Abstract - Efficacy of a monoclonal antibody against IL-25 in human allergic asthma: an open-label, single-arm, phase Ic study**
Wen Hua (Hangzhou, China), Li Guo, Ran Peng, Huaqiong Huang, Xiaoxu Qi, Na Li, Ke Ren, Zhen Xiong, Tiantian Sun, Wen Li, Chen Dong, Huahao Shen

PA5682 **Late Breaking Abstract - Effect of anti-IL5 treatment on upper airway basement membrane thickness in patients with CRSwNP and mild asthma – preliminary results**
Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece), Georgia Liva, Eliza Tsitoura, Maria Semitekolou, Marilena Lourou, Ioanna Argyriou, Katerina Andreatidi, Andreas M. Matthaiou, Emmanouel Prokopakis, Nikolaos Tzanakis, Alexandros Karatzanis, Anastasios Koutsopoulos, Katerina M. Antoniou

PS-15 Session 482 12:30 - 14:00

Poster session: Breathing new life into COPD care: novel data on inhaled therapies

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Epidemiology Physiology Public health

Chairs : Zsófia Lázár (Budapest, Hungary), Chair to be confirmed

PA5683 **The TRITRIAL study: the improvement of CAT according to COPD severity**
Francesco Macagno (Roma (RM), Italy), Luca Richeldi, Pietro Schino, Elena Bargagli, Alberto Ricci, Alberto Rocca, Francesca Marchesani, Alfio Pennisi, Gianna Camiciottoli, Mariella D'Amato, Eleonora Ingrassia, Alessio Piraino, Gherardo Siscaro

PA5684 **Clinical and patient-reported outcomes of COPD patients after 12 weeks of treatment with Budesonide/Glycopyrronium/Formoterol: interim analysis of the CHOROS ORION real-life study in Italy**
Micaela Romagnoli (TREVISO, Italy), Riccardo Inchingolo, Michela Bezzi, Davide Piloni, Antonio Gabriele Iuliano, Ernesto Crisafulli, Francesco De Simone, Pietro Schino, Alberto Ricci, Angelo Petroianni, Rosario Lamberto Oliveri, Federico Lavorini, Riccardo Sarzani, Antonio Iannaccone, Pavilio Piccioni, Francesco Bini, Maria Rita Marchi, Federica Cisotta, Giulia Scioscia, Mario Salio, Fausto De Michele, Girolamo Pelaia, Roberto Malorgio, Alessandra Ori, Francesca Cassanelli, Piergiuseppe De Rosa, Bianca Oresta

PA5685	**Real-World Effectiveness of an Extrafine Triple Therapy with Beclometasone Dipropionate, Formoterol, and Glycopyrronium in Patients with Chronic Obstructive Pulmonary Disease** Luca Di Palma (Marano Sul Panaro, Italy), Guy Brusselle, Petros Bakakos, Daiana Stolz, Elena Nudo, Ulrica Scaffidi Argentina, Alessio Piraino, Laura Franzini, Paola Rogliani
PA5686	**Effects of Tiotropium/Olodaterol on Cardio-pulmonary Exercise Capacity in Patients With Hyperinflated Chronic Obstructive Pulmonary Disease[ACHIEVE]** Hyesoo Kim (Seoul, Republic of Korea), Jaewon Oh, Youngmok Park, Hye Jeong Lee, Ji Ye Jung
PA5687	**Effect of tiotropium bromide on TNF - a level: Results from 30-days study in moderate COPD patients.** Mariana Kulynych-Miskiv (Galych, Ukraine), Vasyl Miskiv, Mykola Ostrovskyy, Alla Zuban
PA5688	**Real-world novel adverse drug reactions (ADRs) associated with indacaterol** Tan Li (, Canada), Ali Babwani, Rayyan Zuberi, Mehul Gupta, Kenneth Chapman, James Michael Ramsahai
PA5689	**Real-world effectiveness of beclomethasone/formoterol/glycopyrronium dry powder inhaler – Hungarian results of the RESPONSE study** Viktória Dulai (Budapest, Hungary), Ildikó Horváth, András Keglevich, Balázs Sánta, Zsolt Abonyi-Tóth
PA5690	**Real-life effectiveness of aclidinium/formoterol in COPD control: preliminary results of the REDACT observational study** Konstantinos Kostikas (Ioannina, Greece), Stylianos Loukides, Nikolaos Tzanakis, Konstantinos Porpodis, Stavros Tryfon, Konstantinos Katsoulis, Georgios Hillas, Ioanna Gioldasi, Evie M. Delicha, Marc Miravitlles
PA5691	**Causal machine learning to investigate heterogeneity in time to first COPD exacerbation for ICS/LABA versus LAMA/LABA** Helene Huts (Leuven, Belgium), Kenneth Verstraete, Thomas Strypsteen, Iwein Gyselinck, Wim Janssens, Maarten De Vos
PA5692	**MART strategy vs ICS/LABA with SABA (SAMA) as rescue: a real life cross sectional study** France Louis (Liège, Belgium), Françoise Guissard, Virginie Paulus, Carole Sanchez, Geneviève Philippe, Renaud Louis, Florence Schleich
PA5693	**Patient reported improvement in dyspnea and physical inactivity with Budesonide/Glycopyrronium/Formoterol (BGF): AIR-FORCE*study** Saiprasad Patil (, India), Divya Bhojwani, Deependra Kumar Rai, Hanmant Barkate, Sagar Bhagat
PA5694	**Investigating individual effects of ICS on COPD exacerbations with causal machine learning** Helene Huts (Leuven, Belgium), Kenneth Verstraete, Thomas Strypsteen, Iwein Gyselinck, Wim Janssens, Maarten De Vos
PA5695	**The effect of previous treatment with MITT vs SITT on CAT score after 12-month treatment with efSITT: TRITRIAL study** Francesco Macagno (Roma (RM), Italy), Luca Richeldi, Pietro Schino, Elena Bargagli, Alberto Ricci, Alberto Rocca, Francesca Marchesani, Alfio Pennisi, Gianna Camiciottoli, Mariella D'Amato, Eleonora Ingrassia, Alessio Piraino, Gherardo Siscaro
PA5696	**Impact of dry powder Beclometasone/Formoterol/Glycopyrronium Extrafine Single Inhaler Triple Therapy (efSITT) in patients with Chronic Obstructive Pulmonary Disease (COPD): TriNEXT Study** Capucine Morelot-Panzini (Paris, France), Hervé Pégliasco, Christine Contré, Abdel Kader Diaw, Maxime Beutelstetter, Justine Lahaye, Nathalie Texier, Maria D'Amato, Cristina Represas Represas, Philippe Devillier
PA5697	**Real-world outcomes of Budesonide/Glycopyrronium/Formoterol therapy in COPD after 12 months; the RECORD study** Henrik Watz (Ahrensburg, Germany), Marija Halbach, Matthias Saathoff, Tamsin Morris, Michael Watt, Annika Fernandez Milano, Dinesh Shrikrishna, Dave Singh
PA5698	**Evaluation of patient reported outcomes & satisfaction with Budesonide/Glycopyrronium/Formoterol (BGF) in COPD: AIR-FORCE*study** Hanmant Barkate (Mumbai, India), Divya Bhojwani, Deependra Kumar Rai, Saiprasad Patil, Sagar Bhagat
PA5699	**One-year efficacy of single-inhaler triple inhaled therapy in COPD patients with FEV1 less than 1 L.** Bruno Bodini (Trezzano Sul Naviglio (MI), Italy), Andrea Cristiano, Giuseppe Croce, Elisa Franceschi, Francesco Bini
PA5700	**Effectiveness and safety of Budesonide/Glycopyrronium/Formoterol (BGF) in severe to very severe airflow obstruction in COPD: sub-group analysis of AIR-FORCE*study** Hanmant Barkate (Mumbai, India), Divya Bhojwani, Deependra Kumar Rai, Saiprasad Patil, Sagar Bhagat
PA5701	**Effectiveness of extrafine single-inhaler triple therapy (efSITT) on asthma control one year post treatment stratified by patients' smoking status: the TRIANGLE study** Aliki Korkontzelou (Athens, Greece), Paraskevi Katsaounou, Evangelia Papapostolou, Petros Efstathopoulos, Konstantinos Kostikas

PA5702 **Disproportionate increase in COPD exacerbation risk for three months after discontinuing LAMA.**
Alexander Mathioudakis (Manchester, United Kingdom), Sebastian Bate, Victoria Chatzimavridou-Grigoriadou, Pradeesh Sivapalan, Jens-Ulrik Jensen, Nawar Diar Bakerly, Jørgen Vestbo, Dave Singh

PS-16 Session 483 12:30 - 14:00

Poster session: Remission/stability in airway diseases: how to achieve and what is next?

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Cell and molecular biology Epidemiology

Chairs : Guy Brusselle (Ghent, Belgium), Chair to be confirmed

PA5703 **Stringent American (ATS/ACAAI/AAAAI) endorsed 6-component definition of asthma remission is not achievable in a real-world benralizumab cohort**
Jennifer Logan (Glasgow, United Kingdom), Kirsty Wetherall, Lynsey Gillespie, Alex Mcconnachie, Wai - Ting Nicola Lee, Hassan Burhan, Thomas Brown, Shoaib Faruqi, David J Jackson, Ramesh Kurukulaaratchy, Adel H Mansur, Dinesh Saralaya, Stephen J Fowler, Pujan Patel, James Brown, James Lordan, Salman Siddiqui, P Jane Mcdowell, Ratko Djukanovic, Ian D Pavord, Liam G Heaney, Christopher E Brightling, Rekha Chaudhuri

PA5704 **Time -to - understand treatment response**
Wim Janssens (Leuven, Belgium), Iwein Gyselinck, Helene Huts, Kenneth Verstraete, Maarten De Vos

PA5705 **Asthma control and clinical remission in severe eosinophilic asthma (SEA) after 2 years of benralizumab treatment: prospective real-world data from XALOC-2**
Marek Lommatzsch (Rostock, Germany), Erika Penz, Lieven Dupont, Trung N. Tran, Andrew Menzies-Gow, Anat Shavit, David Cohen, Tanja Plate, Mackenzie A. Hamilton, Charlotte Quataert, Claudio Schuoler, Thomas Rothe, Benjamin Emmanuel

PA5706 **On-treatment clinical remission with tezepelumab in OCS-dependent patients with severe asthma in WAYFINDER**
David J. Jackson (London, United Kingdom), Njira L Lugogo, Mark Gurnell, Liam G Heaney, Stephanie Korn, Guy Brusselle, Pascal Chanez, Ricardo Del Olmo, Jean-Pierre Llanos, Javier Moreno Sepena, Claudio Marchese, Bill Cook, Neil Martin, Shradha Chandarana, Amit Parulekar

PA5707 **Clinical profile of severe asthma (SA) patients Mexican vs Global data and evolution once in the international severe asthma registry (ISAR)**
Désirée Larenas-Linnemann (mexico, Mexico), Saraid Cerda-Reyes, Ulises García-Ramírez, Nidia Castillón-Benavides, Angélica Contreras-Contreras, Liliana Barboa, Nadia Aguilar-Hinojosa, Karen Rivera-Alvarado, Itzel V. Ochoa-García, María De La Luz García-Cruz, Ricardo Campos-Cerda, Claudine Nava-Ramírez, Yair González-Tuyub, Victor González-Uribe, Hugo Azuara-Trujillo, Elsy Navarrete-Rodríguez, Claudia Jiménez-Carrillo, Laura Dafne Mendoza Reyna, Dominic Friston, Ghislaine Scelo, David Price

PA5708 **Clinical remission in severe asthma: comparison between different definitions of lung function stability**
Cecilia Rivero (Turin, Italy), Giuseppe Guida, Stefano Pizzimenti, Elisa Riccardi, Chiara Gollinucci, Stefano Levra, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Fabio Luigi Massimo Ricciardolo

PA5709 **Enhancing Clinical Remission and Reducing Health Care Utilization in Severe Eosinophilic Asthma: Real-World Benefits of Benralizumab in Belgium**
Lieven Dupont (Leuven, Belgium), Charles Pilette, Maud Deschampheleire, Katrien Eger, Jean-Benoît Martinot, Mathias Leys, Ulrike Himpe, Rudy Peché, Muriel Lins, Solange Delovinfosse, Hélène Simonis, An Herreman, Charlotte Quataert, Tom Feys, Renaud Louis

PA5710 **Dupilumab impact on clinical asthma remission by baseline inhaled corticosteroid dose**
Giselle Mosnaim (Glenview, United States), Anju T. Peters, William W. Busse, Nicola A. Hanania, Celeste Porsbjerg, Changming Xia, Andrew Moraco, Mena Soliman, Njira L. Lugogo

PA5711 **Biologic therapy improves clinical outcomes in severe asthma with incomplete response to long term antibiotics**
Peer Ameen Shah (Leicester, United Kingdom), Christopher Brightling, Peter Bradding, Dominick Shaw, Anna Murphy, Claire Boddy, Shamsa Naveed, Sarah Diver

PA5712 **Asthma remission in patients with eosinophilic granulomatosis with polyangiitis (EGPA) following 2 years of treatment with anti-IL-5/R therapies**
Arnaud Bourdin (Montpellier Cedex 5, France), Michael E. Wechsler, David J. Jackson, Salman Siddiqui, Alessandra Vultaggio, Lena Börjesson Sjö, Priya Jain, Sofia Necander, Anat Shavit, Claire Walton

PA5713 **Inhaled Corticosteroid Reduction Effects on Asthma Outcomes after Three Years of Benralizumab Treatment in Severe Asthma Patients**
Marta Arteaga Romero (Madrid, Spain), Laura López-Duque, Daniel Laorden, Inés Torrado, David Romero-Ribate, Elena Villamañán, Pablo Mariscal-Aguilar, Mihaela Ifrim, Carlos Carpio, Leticia De Las Vecillas, Javier Domínguez-Ortega, Santiago Quirce, Rodolfo Álvarez-Sala

PA5714 **The 3TR-Asthma Biologic Cohort (ABC) study: an umbrella platform design to understand mechanisms of remission in severe asthma patients on biologics.**
Stefania Principe (Utrecht, Netherlands), Nanna Dyhre-Petersen, Susanne Vijverberg, Lars I. Andersson, Emilie Johanning Bari, Maarten Van Den Berge, Borja G. Cosio, Rekha Chaudhuri, Amisha Singapuri, Stephen Fowler, Maciej Kupczyk, Andréas Simon Flavien Lillieroth Bricaud, Bonnie Millar, Martijn Nawijn, Jason Rigby, Hitasha Rupani, Marco Sereno, Ameen Shah, Chris Brightling, Sven-Erik Dahlén, Anke-Hilse Maitland Van Der-Zee, Celeste Porsbjerg

PA5715 **Rates of clinical asthma remission in a severe eosinophilic asthma cohort on biologic treatment.**
Feargal Helly (Dublin, Ireland), Mark Ward, Lucy Mccourt, Paula Hallahan, Claire Sheridan, Eoin Hunt, Brian Mccullagh

PA5716 **From disease improvement to disease stability in patients with COPD: IMPACT post hoc analysis**
Dave Singh (Manchester, United Kingdom), Valentina Di Boscio, Jodie Crawford, John R Hurst, Anurita Majumdar, Fiona Mosgrove, Stephen G Noorduyn, Rianne Stacey, Meilan K Han

PA5717 **Observational analysis of biological remission in severe asthma: UK severe asthma registry (UKSAR)**
P Jane McDowell (Belfast, United Kingdom), Charlene Redmond, John Busby, Pujan Patel, David Jackson, Paul Pfeffer, Adel Mansur, Mitesh Patel, Thomas Brown, Hassan Burhan, Rekha Chaudhuri, Hitasha Rupani, Liam Heaney

PA5718 **Disease stability in COPD with umeclidinium/vilanterol (UMEC/VI) compared to tiotropium (TIO), umeclidinium, and salmeterol (SAL): post hoc analyses of ZEP and EMAX studies**
Lowie Vanfleteren (Göteborg, Sweden), Mark Dransfield, Rianne Stacey, Anurita Majumdar, Alison Donald, Dave Singh

PA5719 **Five years of anti-IL 5 for severe asthma: promising long-term efficacy, but sustained remission is rare**
Kjell E J Håkansson (Copenhagen K, Denmark), Susanne Hansen, Marianne Baastrup Soendergaard, Anna Von Bülow, Ole Hilberg, Barbara Bonnesen, Claus Rikard Johnsen, Sofie Johansson, Lycely Dongo, Maria Bisgaard Borup, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Charlotte Suppli Ulrik, Celeste Porsbjerg, Anne-Sofie Bjerrum

PA5720 **Clinical Practice aplicability of the clinical remission concept in patients with seve eosinophilic bronchial asthma treated with anti- Interleukin 5 antibodies**
Ana Isabel Sogo Sagardia (Sabadell (Barcelona), Spain), Miriam Bullich Ramon, Ana Sogo Sagardia, Inés Ruiz Gemar, Berta Lloret Puig, Carles Grimau Chapinal, Daniela Yamunaqué Camperón, Manuel Luján Torné, Christian Domingo Ribas

PA5721 **Remission outcomes in difficult-to-treat allergic asthma with bacterial lysate 0M-85 therapy: A RWE study**
Antonios Christopoulos (Patras, Greece), Maria Elpida Christopoulou, Ioannis Christopoulos, Maria Eleni Kasimeri, Lilia Panteli, Amalia Tryfonidou

PA5722 **Clinical remission rates in severe asthma and its predictive factors in a real world setting from Argentina**
Maria Eugenia Franchi (Pilar, Argentina), Fernando Saldarini, Valeria Brichetti, Teresita Rosenbaum, Ricardo Zwiener, Alejandro Videla, María Laura Orazi, Carla Ritchie, Mónica Grilli, Sofía Porta, Cecilia Cavallo, Betiana Pereyra, Alvaro Teijeiro, Sebastián Gando, Maximiliano Romanczuk, Sebastián Ferreiro, Carlos Oliva, Nicolás Castiglioni

PS-17 Session 484 12:30 - 14:00

Poster session: Biomarkers and clinical aspects in chronic airway diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Imaging Pulmonary function testing General respiratory patient care Cell and molecular biology Epidemiology Physiology

Chairs : Saša Rink (Ljubljana, Slovenia), Vladimir Koblizek (Hradec Králové, Czech Republic)

PA5723 **Characteristics of COPD patients in a community spirometry service and their eligibility for biologic therapy**
Timothy Ho (Liverpool, United Kingdom), Devon Ward, Rachel Burton, Fred Fyles, Maria Puthoor, Seher Zaidi, Hassan Burton

PA5724 **Quantitative changes in airway wall thickness and emphysema in COPD patients treated with biologics**
Truong-An Ho (Philadelphia, United States), Stephen Dachert, Anugya Mittal, Gerard Criner

PA5725 **The role of natriuretic peptides in proactive management of COPD in the absence of overt heart failure: a scoping review**
Anastasiia Melenevych (Kharkiv, Ukraine), Olena Kuropiatnyk

PA5726 **Analysis of blood homocysteine (Hcy) in bronchial asthma patients at our hospital**
Yusuke Kurosawa (Tokyo, Japan), Shuichiro Maruoka, Yuichiro Takeshita, Masako To, Yasuo To, Yasuhiro Gon

PA5727 **Misclassification Risk in COPD: Are Z-Scores Underestimating Airflow Limitation in GOLD Group E Patients**
Gozde Mit (ANKARA, Turkey), Elif Selçuk, Mustafa Ersözlü, Elif Akıncı, Aslı Çiftçi, Derya Gökmen, Elif Şen

PA5728 **PERSISTENT SYSTEMIC INFLAMMATION IN PATIENTS WITH COPD AND ARTERIAL HYPERTENSION (AH)**
Valeriia Dmytrychenko (Dnipro, Ukraine), Vladyslava Rudakova, Victoriia Rodionova, Mariia Chashchina

PA5729	**Prevalence of Alpha-1 Antitrypsin Deficiency in COPD Patients in Manisa Province** Ömer Dogan (Manisa, Turkey), Deniz Kızılırmak, Ayşe Arzu Yorgancıoğlu
PA5730	**Factors identifying good response in severe asthmatics on anti IL-5 therapy** Tyulin Riza (Pleven, Bulgaria), Gergana Vergilova, Zlatina Ivanova, Nikolay Kyuchukov, Yavor Ivanov
PA5731	**Survey to understand physicians' knowledge, attitude & practice patterns to vaccinate COPD patients in India (PREVENT Survey)** Sonam Vinod Solanki (Mumbai (Maharashtra), India), Anant Mohan, Asmita Mehta, Anshum Aneja, Prashant Kumar, Tarang Kulkarni, Sunil Kumar, Rajesh V, Manoj Yadav, Eshita Sharma, Rushika Shah, Meena Lopez, Senthilnathan M, Jaideep Gogtay
PA5732	**Combined Predictive Value of Bronchodilator Responsiveness and FeNO for Airway Hyperresponsiveness in Asthma** Yun Liu (Xi'an, China), Zhuoyang Li, Dan Wang, Miaomiao Zhou, Zimeng Ning, Yue Chang, Mangyuan Liu, Yawen Xiang
PA5733	**The impact of UK regional asthma guidelines on SABA and ICS prescribing** Dominic Sykes (Hull, United Kingdom), Michael D Clarkson, Anita Negbenebor, Oscar Lau, Niranjanlal Ahilal, Helena Cummings, Shoaib Faruqi, Michael G Crooks
PA5734	**Does FeNO response correlate to BDR in asthmatic patients: Experiences from a community based respiratory hub** Helen O'Brien (Ratoath, Ireland), Roisin Hehir, Jack Mccarthy, Geraldine Nolan, Rachel Anglin, Alessandro N Franciosi
PA5735	**Assessment of Fractional Exhaled Nitric Oxide (FeNO), Spirometry, and Asthma Control Test (ACT) Scores in Adult Asthma Patients** Anil Kumar Singh (Lucknow, India), Huda Shamim, Dipin S, Rajat Mishra, Rahul Sharma, Surya Kant, Ajay Kumar Verma
PA5736	**Asthma control and dyspnea: how spirometric profiles reflect disease severity** Nour Elhouda Ben Mrad (Ariana, Tunisia), Khouloud Kchaou, Abdelhedi Yosra, Khaldi Soumaya, Saloua Ben Khamsa Jameleddine
PA5737	**Lobar differences on chest CTs of bronchiectasis patients from the EMBARC registry** Yuxin Chen (Rotterdam, Netherlands), Angelina Pieters, Tjeerd Van Der Veer, Merlijn Bonte, Pierluigi Ciet, Amelia Shoemark, Stefano Aliberti, Pierre-Régis Burgel, Pieter Goeminne, Michal Shteinberg, Michael Loebinger, Charles Haworth, Andrea Gramegna, Francesco Blasi, Daan Caudri, James Chalmers, Harm Tiddens
PA5738	**Assessing lung disease progression in people with cystic fibrosis (pwCF) on elexacaftor/tezacaftor/ivacaftor (ETI) with dynamic functional lung MRI** Christopher Short (London, United Kingdom), Thomas Semple, Mary Abkir, Marta Tibiletti, Mark Rosenthal, Simon Padley, Geoff Parker, Jane Davies
PA5739	**Acute exacerbations of COPD: clinical uutcomes and predictive markers in a cohort from a tertiary hospital** Maria Senar Garcia (Zaragoza, Spain), Jorge Rodrigez Sanz, Pablo Cubero Marín, Ana Victoria Gil, Raquel Langarita, David Sanz Rubio, Marta Marin Oto, Jose María Marin Trigo
PA5740	**Algorithmic CT analysis of bronchiectasis in alpha-1 antitrypsin deficiency** Joshua De Soyza (Birmingham, United Kingdom), Philipp Hoeger, Paul Ellis, Oliver Weinheimer, Franziska Trudzinski, Alice M Turner
PA5741	**The role of FeNO in predicting bronchiectasis severity** Sebastiano Spierto (Toritto (BA), Italy), Marianna Cicchetti, Eustachio Ricciardi, Marta Tornesello, Rossella Novielli, Maria Rosaria Vulpi, Maria Anna Ardito, Vitaliano Quaranta, Andrea Portacci, Vincenzo Nicola Valerio, Marco Antonio Patruno, Silvano Dragonieri, Giovanna Elisiana Carpagnano
PA5742	**A BEAT-PCD consensus statement for the management of primary ciliary dyskinesia** Elora Peulier-Maitre (Paris, France), Myrofora Goutaki, Mieke Boon, Eleonora Dehlink, Nagehan Emiraliogu, Josje Altenburg, Miguel Armengot, Rodrigo Athanazio, Paolo Buonpensiero, James Chalmers, Isabelle Cizeau, Suzanne Crowley, Thomas Ferkol, Eric Haarman, Claire Hogg, Tonje Klaette, Michael R Loebinger, Natalie Lorent, Jane Lucas, Bernard Maitre, June K Marthin, Lucy Morgan, Jean-François Papon, Lue Katrine Philipsen, Johanna Raidt, Felix C Ringshausen, Lynne Schofield, Michal Shteinberg, Nicola Ullmann, Emilie Wattellier, Panayotis Yiallouros Yiallouros, Amelia Shoemark, Guillaume Thouvenin

PS-18 Session 485 12:30 - 14:00

Poster session: Asthma and COPD: from mechanisms to clinical issues

Disease(s) : Airway diseases

Method(s) : Epidemiology Cell and molecular biology General respiratory patient care Public health Pulmonary function testing Imaging Endoscopy and interventional pulmonology

Chairs : Arnaud Bourdin (Montpellier Cedex 5, France), Breda Cushen (Dublin 3, Ireland)

PA5743	**FENO supression test in children with severe asthma** Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Gabriela Pelaez, Veronica Giubergia, Gimena Donth Leger, Tania Florez, Marcela Roque, Doris Primerose, Carlos Velasco, Veronica Aguerre, Belen Lucero, Juan Manuel Figueroa
PA5744	**Sex differences in clinical risk factors and type-2 biomarkers for predicting asthma attacks in the ORACLE2 patient-level meta-analysis** Sebastian Riemann (Ghent, Belgium), Fleur Meulmeester, Samuel Mailhot-Larouche, Sanjay Ramakrishnan, Michael E Wechsler, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Neil Martin, Deborah Clarke, Alison Moore, Megan E Hardin, Cecile T J Holweg, Subhashini Allu, Timothy S C Hinks, Richard Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Guy Brusselle, Simon Couillard
PA5745	**Mapping the management of acute asthma exacerbations in a Belgian tertiary hospital.** Charlotte Verhaeghe (Kortrijk (8500), Belgium), Katrien Eger, Thérèse Lapperre
PA5746	**Poor perception of symptom - cause of exacerbation of Br. Asthma** Chinkita Agrawal (Bareilly, India), Rajesh Agrawal, Rajat Agrawal, Dev Antal
PA5747	**Heterogeneity of Eosinophilic Asthma and Identification of Different Risk Subtypes: A Prospective Study Based on Two-Step Cluster Analysis** Min Li (Kunming, China), Xin Zhang, Gang Wang
PA5748	**Treatment response during systemic asthma exacerbation therapy** Anne-Lotte Redel (ROTTERDAM, Netherlands), Gert-Jan Braunstahl, Gerdien Tramper-Stranders
PA5749	**Mild asthma: implications for the "MAPLE" longitudinal study, disease progression, exacerbations, triggers, phenotypes and endotypes.** Alex Mann (Lond, United Kingdom), Aruna T Bansal, Melissa Bevan, Alex Lima, Aristotle Bancale, Laura Wajtowitz, Vito Erasmo Cassandro, Rachna Goburdhun, Monique Moore-Barnes, Christine Topham, Mona Bafadhel
PA5750	**Reactive aldehyde species – A novel non-invasive breath signature is able to distinguish asthma at exacerbation** Eleanor Quek (London, United Kingdom), Shahd Abuhelal, Rebecca Cordell, Neil Greening, Michael Wilde, Salman Siddiqui
PA5751	**Unveiling airway remodeling in chronic asthmatic mice using longitudinal quantitative micro-CT (µCT) biomarkers** Francesca Pennati (Milano (MI), Italy), Lorenzo Androvandi, Erica Ferrini, Gino Villetti, Andrea Aliverti, Nicola Sverzellati, Franco Fabio Stellari
PA5752	**Crosstalk Between Aryl Hydrocarbon Receptor and FcεRI in Regulating Alarmin Release in Severe T2-High Asthma** Chih-Ming Weng (Taipei, Taiwan), Meng-Jung Lee, Han-Pin Kuo
PA5753	**Bronchoscopic Optical Coherence Tomography for airway remodeling assessment in severe asthma** Sofi Vassileva (Amsterdam, Netherlands), Pieta C. Wijsman, Annika W. M. Goorsenberg, Julia D'Hooghe, Richard M. Van Den Elzen, Paul Bloemen, Daniel M. De Bruin, Peter I. Bonta, Jouke T. Annema
PA5754	**The formation of COPD diagnosis at the outpatient stage often does not correspond to the actual status of the disease** Svetlana Trofimova (Astana, Kazakhstan), Arailym Kadyrbek, Bayan Bektasova, Zhanara Zarkumova, Aliya Albekova, Dina Abdrakhmanova
PA5755	**Stability and relationship between digitally monitored triple inhaler adherence and type 2 biomarkers in COPD** Hnin Aung (Leicester, United Kingdom), Petr Novotny, Kumaran Balasundaram, Phoebe Ashley, Helen Evans, William Monteiro, Kimon Ntotsis, Sarah E Parker, Sarah A Edwards, Michelle Bourne, Muhammad Iqbal, Michael Steiner, Rachael A Evans, Christopher E Brightling, Anna Murphy, Adam Wright, Neil J Greening
PA5756	**The frequency of spirometry use and confirmed airflow obstruction amongst patients hospitalised with exacerbations of COPD** Eleanor Cronin (Greenhills, Ireland), Anne-Marie Sweeney, Kayinsola Kehinde Babatunde, Jessica Moloney, Cormac Mccarthy, Alessandro Franciosi
PA5757	**COPD IN WOMEN- A clinicoradiological study** Radha P. Munje (Nagpur (Maharashtra), India), Twinkal Magar, Gyanshankar Mishra, Sanjay Gaur
PA5758	**Characteristics of a severe emphysema cohort identified from targeted lung health check: Developing an emphysema pathway** Richa Singh (London, United Kingdom), Stephanie Uys, Nicola Smallcombe, Tim Batchelor, Ketan Patel
PA5759	**Evaluation of Satisfaction and Characterization of Patients in the INSPIRE Respiratory Health Program** Pamela Dourado (Botucatu, Brazil), Karen Miyamoto, Flavio Xavier, Gustavo Hruschka, Vinicius Maehara, Mariana Dorna, Robson Prudente, Fernando Brizola, Estefania Franco, Suzana Tanni

PA5760 **Severe AAT deficiency in the Czech Republic - The reality of care.**
Libor Nevoranek (Hradec Kralove, Czech Republic), Eva Klincova, Michal Svoboda, Katerina Kusalova, Tomas Le Roy Micola, Alzbeta Molitorova, Lucie Heribanova, Eva Volakova, Jiri Blazek, Milan Sova, Vladimir Koblizek

PA5761 **Using chronic bronchitis symptoms to identify mucus plugging in young adult smokers: BEACON cohort**
Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Samuel Bartlett-Pestell, Mairi Macleod, Jordina Mah, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Eric Hoffman, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson

PA5762 **Computed tomography patterns and lung function in patients with severe asthma in a real-world setting**
Maria Eugenia Franchi (Pilar, Argentina), Fernando Saldarini, Valeria Brichetti, Teresita Rosenbaum, Ricardo Zwiener, Alejandro Videla, Laura Orazi, Carla Ritchie, Mónica Grilli, Sofía Porta, María Cecilia Cavallo, Betiana Pereyra, Alvaro Teijeiro, Sebastián Gando, Maximiliano Romanczuk, Sebastián Ferreiro, Carlos Oliva, Nicolás Castiglioni

PS-19 Session 486 12:30 - 14:00

Poster session: Monitoring airway diseases

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Public health Pulmonary function testing Pulmonary rehabilitation General respiratory patient care Physiology Epidemiology Imaging Cell and molecular biology

Chairs : Giovanni Viegi (Pisa (PI), Italy), Andréanne Côté (Quebec, Canada)

PA5763 **Sulphur hexafluoride (SF6) and helium (He) derived lung clearance index (LCI) in COPD vs asthma**
Per M. Gustafsson (Skövde, Sweden), Mollie Riley, Fatma Aljassim, Anders Lindblad

PA5764 **Obstructive Spirometric Index Predicts Lung Function Response to LAMA in asthma: A Post-Hoc Analysis of the CAPTAIN Trial**
Samuel Mailhot-Larouche (Sherbrooke, Canada), Fleur L Meulmeester, Sanjay Ramakrishnan, Michael E Wechsler, Guy Brusselle, Jonathan Corren, Sarah E Diver, Christopher E Brightling, Mario Castro, Nicola A Hanania, David J Jackson, Alison Moore, Philippe Lachapelle, Timothy S.C. Hinks, Mark Holliday, Richard W Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord, Simon Couillard

PA5765 **Asthma and impaired sleep: identifying treatable traits in the SCAPIS Study**
Juan Wang (Uppsala, Sweden), Anders Blomberg, Magnus Ekström, Hans Lennart Persson, Magnus Sköld, Kjell Torén, Ludger Grote, Ding Zou, Karl A Franklin, Baz Delshad, Xingwu Zhou, Jenny Theorell Haglöw, Eva Lindberg, Andrei Malinovschi, Christer Janson

PA5766 **Clinical pre-COPD case-finding in the general population: self-reported exertional dyspnea versus mMRC in the Constances Cohort**
Solene Valery (Issy Les Moulineaux, France), Rachel Nadif, Marie-Christine Delmas, Marcel Goldberg, Celine Ribet, Marie Zins, Benedicte Leynaert, Nicolas Roche, Thierry Perez

PA5767 **Body fat percentage and clinical outcomes of asthma in adults from western Sweden**
Radhika Jadhav (Gothenburg, Sweden), Selin Ercan, Reshed Abohalaka, Pinja Ilmarinen, Daniil Lisik, Saliha Selin Özuygur Ermis, Muwada Bashir Awad Bashir, Roxana Mincheva, Linda Ekerljung, Jan Lötvall, Göran Wennergren, Helena Backman, Teet Pullerits, Madeleine Rådinger, Bright I Nwaru, Hannu Kankaanranta

PA5768 **Small airway disease and early airflow limitation predict onset of COPD: Results from the KORA study**
Hendrik Pott (Weimar (Lahn), Germany), Wilhelm Bertrams, Claus Franz Vogelmeier, Barbara Christine Weckler, Margit Heier, Anette Peters, Bernd Schmeck, Stefan Karrasch

PA5769 **Predictors of Mortality in COPD Patients Undergoing Long-Term Non-Invasive Ventilation: A Multicenter Cohort Analysis**
Maria João Gomes Moura (Santa Maria Da Feira, Portugal), Mafalda Pais, Maria Oliveira, Carla Ribeiro, Alexandra Carreiro, Paula Pamplona, Bárbara Seabra

PA5770 **Systematic lung function follow-up after allogenic haematopoietic stem cell transplant – does it work?**
Marius-Alexandru Coteț (Bucuresti, Romania), Alina Tanase, Lavinia Lipan, Oana Craciun, Laura Stefan, Adela Ranete, Andra Stoica, Daniela Gologanu, Valentin Nedelcu, Ion Ion, Cristian Baicus, Marius Ioan Balea

PA5771 **Impact of a structured patient education program on asthma misconceptions**
Nishtha Singh (Jaipur (Rajasthan), India), Virendra Singh, Sheetu Singh, Udaiveer Singh

PA5772 **COPD disease burden in relation to having FEV1/FVC ratio below lower limit of normal or fixed ratio**
Juan Wang (Uppsala, Sweden), Björn Ställberg, Maria Hårdstedt, Kristina Bröms, Amir Farkhooy, Andreas Palm, Karin Lisspers, Marieann Högman, Andrei Malinovschi

PA5773	**Which Nutritional Parameter Best Reflects COPD Severity?** Khouloud Kchaou (Ariana, Tunisia), Soumaya Khaldi, Yosra Abdelhedi, Nourelhouda Ben Mrad, Saloua Ben Khamsa Jameleddine
PA5774	**Within-breath variability of FOT measures in participants with and without respiratory symptoms – The Busselton Respiratory Survey** Alvenia Cairncross (Perth (WA), Australia), Graham Donovan, Michael Hunter, Alice Crawford, Kevin Murray, Peter Noble, Jennie Hui, Gregory King, John Blakey, Alan James
PA5775	**Clinical Outcome Assessments in Inducible Laryngeal Obstruction: Are current tools measuring enough?** Siobhan Ludlow (Cheshire, United Kingdom), Lucie Byrne-Davis, Lauren Simpson, Leanne J Holmes, Stephen J Fowler
PA5776	**Asthma Awareness: Relation to Socioeconomic Status and Prior Asthma Education** SOUMI CHAKRABORTY (KOLKATA, India), Arjun Talapatra, Suranjan Mukherjee
PA5777	**Bronchial Thermoplasty - Back to Peak Performance with Heat** Daniel Gagiannis (Ulm, Germany), Konrad Steinestel, Josefine Christine Baudrexl
PA5778	**Developing a new patient-reported outcome measure for inducible laryngeal obstruction** Siobhan Ludlow (Cheshire, United Kingdom), Lucie Byrne-Davis, Jamie Kirkham, Stephen J Fowler
PA5779	**Reliability of an electrochemical sensor to monitor cell homeostasis in airway models** Maria Rita Marabeti (, Italy), Daniele Donzì, Paola Pinto, Serena Di Vincenzo, Maria Ferraro, Federico Massaro, Nadia Moukri, Bernardo Patella, Rosalinda Inguanta, Elisabetta Pace
PA5780	**Predictors of High Readmission Rates in COPD Patients** Vasu Sood (Glasgow, United Kingdom), Francesca Crilley, David Anderson, Oana Cimpeanu
PA5781	**Comparing FEV1 decline in MM COPD patients with MZ and ZZ alpha-1 antitrypsin deficiency patients** Sean Landers (Celbridge, Ireland), Caitriona Breathnach, Suzanne Roche, Emma Farrell, Eamon Mullen, Daniel D Fraughen, Emma Leacy, Rebecca Fitzgerald, Ronan Heeney, Georgia Bateman, Mark P Murphy, Tomas P Carroll, Cedric Gunaratnam, Noel G Mcelvaney
PA5782	**Intra-individual variability of phospholipid-profile in the lining fluid of small airways** Anna-Carin Olin (Göteborg, Sweden), Spela Kokelj, Per Larsson, Linus Schiöler

PS-2 Session 487 12:30 - 14:00

Poster session: Latest update: COVID-19, long COVID and rehabilitation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Public health | Pulmonary rehabilitation | Pulmonary function testing | Epidemiology | General respiratory patient care | Respiratory intensive care | Physiology

Chairs : Rachael A. Evans (Leicester (Leicestershire), United Kingdom), Chair to be confirmed

PA5783	**Body composition, muscle strength, cardiorespiratory capacity in long covid patients after electromyostimulation** Nelson Francisco Serrão Júnior (Rio Grande do Sul, Brazil), Paula Ricci, Lêda Carvalho, Patrícia Camargo, Flavia Caruso, Antonio De Castro, Adriana De Araújo, Audrey Silva
PA5784	**Recovery at one-year post COVID-19 hospitalisation in adults with pre-existing multiple long-term conditions: a propensity-score matched analysis** Lucy Gardiner (Leicester, United Kingdom), Daniel Lozano Rojas, Iain Stewart, Nikki Smith, Jane Espley, Sally J Singh, Rod S Taylor, Rachael A Evans
PA5785	**Sex-specific cardiopulmonary changes in post-COVID-19 patients following rehabilitation - a retrospective data analysis** Laura Poschenreithner (Wien, Austria), Julia Fuchs, Benjamin Sabic, Marijan Potzmann, Julia Maasz, Karin Vonbank
PA5786	**Beneficial effects of face-to-face pulmonary rehabilitation in patients with Long Covid: a systematic review with meta-analysis** Daniele Oliveira dos Santos (Ribeirão Preto, Brazil), Daniele Oliveira Santos, Janne Marques Silveira, Ana Paula Midori Nakaishi, Marcos Gontijo Silva, Fernanda Lima, Jéssica Perossi, Ada Clarice Gastaldi
PA5787	**Are pulmonary function tests, functional exercise capacity and quality of life affected in post-COVID patients?** Feride Marim (Kutahya, Turkey), Umran Toru Erbay, Sebnem Emine Parspur, Ilknur Kaya, Mehmet Dogan, Fatima Yaman, Elif Peksen
PA5788	**Cluster analysis in a real-world-cohort of patients with post-covid-condition in a pulmonary doctor's practice** Paul Beyer (Marburg, Germany), C. Endres, C. Nell, A. R. Koczulla, S. Wilhelm, T. Greulich

PA5789	**Sex-dependent predictors in post-COVID syndrome score in a population-based cohort** Jarka Lunow (Kirchbarkau, Germany), Thomas Bahmer, Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter Heuschmann, Thomas Zoller, Fridolin Steinbeis, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina Hopff, J. Janne Vehreschild, Wolfgang Lieb, Michael Krawczak, Klaus F. Rabe, Stefan Schreiber, Mustafa Abdo, Lennart Reinke, Espen Elias Groth, Jan Heyckendorf
PA5790	**Does DLCO Significantly Enhance Prognostic Assessment and Likelihood of Fatigue and Dyspnea in COVID-19 Survivors? – A 12-Months Follow-Up Analysis** Audrey Borghi Silva (São Carlos (SP), Brazil), Guilherme Back, Patrícia Camargo, Cássia Goulart, Flávia Caruso
PA5791	**The impact of whole-body electromyostimulation and physical exercise on lung function and aerobic capacity in patients with long covid** Nelson Francisco Serrão Júnior (Rio Grande do Sul, Brazil), Paula Angélica Ricci, Lêda Leonôr Mendonça Carvalho, Patrícia Faria Camargo, Adriana Sanches Garcia De Araújo, Audrey Borghi Silva
PA5792	**Experiences with a micro-choice-based intervention for long COVID: a focus group study** Kiri Lovise Njøten (Bergen, Norway), Liv Heide Magnussen, Anne Haugstvedt, Marte Jürgensen, Gerd Kvale, Bente Frisk
PA5793	**Real world evaluation of face-to-face and digital COVID rehabilitation.** Enya Daynes (Leicester, United Kingdom), Nikki Gardiner, Emma Chaplin, Sally J Singh
PA5794	**The minimum clinically important difference in the incremental shuttle walking test in long COVID rehabilitation** Emily Morgan-Selvaratnam (Leicester, United Kingdom), Molly M Baldwin, Enya Daynes, Rachael A Evans, Sally J Singh
PA5795	**OZONE THERAPY IN THE REHABILITATION PROGRAM FOR COMMUNITY ACQUIRED PNEUMONIA ASSOCIATED WITH THE SARS-Cov-2 VIRUS** Iryna Baranova (Vinnytsya, Ukraine), Iryna Iliuk, Kateryna Postovitenko, Nataliia Popenko, Olena Korobro
PA5796	**Correlation between length of hospital stay and muscle strength in male and female COVID-19 survivors** Daniele Oliveira dos Santos (Ribeirão Preto, Brazil), Jéssica Perossi, Lucas Botelho Azevedo, Fernanda Lima, Dayane Bazan, Marisa De Cássia Registro Fonseca, Ada Clarice Gastaldi
PA5797	**Completion rates for non-hospitalised patients attending exercise-based Long Covid rehabilitation – Is there a difference between socioeconomic or ethnic groups?** Kate Kontou (Leicester, United Kingdom), Enya Daynes, Emma Chaplin, Nikki Gardiner, Kimon Ntotsis, Nicola A Bateman, Jennifer Creese, Sally J Singh, Linzy Houchen-Wolloff
PA5798	**Beyond the lungs: the added benefit of progressive muscle relaxation in pulmonary rehabilitation for long COVID – a clinical trial** Alexandru Florian Crisan (Timisoara (Timis), Romania), Camelia Corina Pescaru, Adelina Maritescu, Emil Robert Stoicescu, Cristian Oancea, Daniela Iacob
PA5799	**Influence of Fatigue on Rehabilitation Trajectories of Post-COVID Patients: A Cohort Study** Ferdinand Prüfer (Vienna, Austria), Ralf Harun Zwick, Špela Matko, Alexandra Unger, Michael J. Fischer, Vincent Grote
PA5800	**Fatigue complaint in long-Covid: is desaturation on exertion a possible mechanism?** Reuel Silva (São Paulo, Brazil), Thais Yokoyama, Pedro De Oliveira, Alexandre Trindade, Carlos Carvalho, João Salge
PA5801	**Evaluating Post-COVID Care: Long-Term Outcomes and Work Impact** Edith Visser (Leeuwarden, Netherlands), Andrea S. Fokkens, Annemieke Visser, Kor Johan Koning, Jolanda C. Kuijvenhoven
PA5802	**Ad Integrum clinical respiratory recovery after pneumonia caused by Mycoplasma pneumoniae** Simon Valentin (Nancy, France), Charles Benaloul, Sarah Basin, Mathias Poussel, Bruno Ribeiro Baptista, Anne Guillaumot, Francois Goehringer, Francois Chabot, Ari Chaouat

PS-20 Session 488 12:30 - 14:00

Poster session: The impact of the environment and comorbidities on airways disease progression and treatment responsiveness

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Cell and molecular biology Epidemiology

Chairs : Christian Taube (Essen, Germany), Christina Bal (Wien, Austria)

PA5803	**Multi-omics Reveals Aberrant Phenotypes of Respiratory Microbiome and Phospholipidomics Associated with Asthma Inflammation** Huan Liu (Beijing, China), Chun Chang

PA5804	**Characterizations of gut microbiota and metabolites in adults with different phenotypes of asthma** Yang'fan Hou (Xi'an, China), Yun Liu
PA5805	**Airway microbiota and serum metabolites drive collectively progression from pre-COPD to mild/moderate COPD** Li hongxin (Xi'an, China), Liu Yun
PA5806	**Environmental Aspergillus fumigatus and exacerbations in severe asthma** Fransiskus Xaverius Ivan (Singapore, Singapore), Pei Yee Tiew, Micheál Mac Aogáin, Tavleen Kaur Jaggi, Augustine Tee, Mariko Siyue Koh, John Arputhan Abisheganaden, Stephan C. Schuster, Sanjay H. Chotirmall
PA5807	**Correlation between Respiratory Viral Infections and Allergenic Pollens of Children in Guri, Korea During Recent 10 Years** Jae-Won Oh (Guri (Kyunggi-Do), Republic of Korea), Young-Jin Choi, Kyung-Suk Lee
PA5808	**Elevated respiratory syncytial virus (RSV)-specific IgGs in non-allergic adult asthmatics suggest RSV as asthma trigger factor** Katarzyna Niespodziana (Vienna, Austria), Maja Bajic, Thomas Schlederer, Huey-Jy Huang, Kristina Borochova, José Basílio, Robab Breyer-Kohansal, Marie-Kathrin Breyer, Charmaine L. M. Lim, Sylvia Hartl, Rudolf Valenta
PA5809	**Presence of nanoplastics in sputum of patients with severe asthma: a novel environmental perspective** Leandro Tapia Barredo (Barcelona, Spain), Agnes Hernandez Biette, Paula Gonçalves Romeu, Raquel Guillamat Prats, Jordi Petriz, Marina Tuxans Serrano, Ignasi Garcia-Olive, Clara Padro, Maria Basagaña, Antoni Rosell Gratacos, Carlos Martinez Rivera
PA5810	**The effect of second-hand smoke on asthma management in women** Hammouda Naziha (Tunisia, Tunisia), Ella Nemsi, Manel Jabberi, Siouar Gharsallaoui, Sabrine Louhaichi, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui
PA5811	**Impact of weather events on New Zealand asthma hospitalisations: 20 years of data** Amy Hai Yan Chan (Auckland, New Zealand), Yerang Seo, Sophia Kwong, Priya Pamar
PA5812	**Peculiarities of asthma management in a frontline city in Ukraine** Galyna Yeryomenko (Kharkiv, Ukraine), Tetyana Bezditko
PA5813	**Observational Study on Dietary Intake Differences in Asthma Patients vs. Healthy Controls** Ankita Mohanty (Bhubaneswar (Odisha), India), Nitesh Gupta, Manu Madan, Rohit Kumar, Pranav Ish
PA5814	**Impact of obesity on neutrophil function and phenotype in severe asthma** Sundhas Rafeeq Valappil (Dubai, United Arab Emirates), Surendra Singh Rawat, Laila Salama, Andrea Mogas, Mahmoodhashim Mashhadani, Bassam Mahboub, Hamid Qutayba, Saba Al Heialy
PA5815	**Immune Modulation of ADAM17-Expressing Cells Following Exercise in COPD** Carin Lau (Rydsgård, Sweden), Nicole Van Der Burg, Rana Mansour, Linda Elowsson, Caroline Larsson, Andrei Malinovschi, Jaro Angkerst, Margareta Emtner, Leif Bjermer, Christer Janson, Gunilla Westergren-Thorsson, Ellen Tufvesson
PA5816	**Exploring synergies in an interdisciplinary global airways clinic** Jens Richter (Lund, Sweden)
PA5817	**Allergen sensitization and associated risk of respiratory allergic diseases in patients with atopic dermatitis** Duy-Bo NGUYEN (Hanoi, Vietnam), Van Dinh Nguyen, Thanh Huyen Thuc, Ha Phuong Vo, Thi Mai Vu, Quynh Anh Nguyen, Thi Hai Yen Pham, Thi Minh Huong Le, Thi Oanh Hoang, Thi Minh Nguyet Nguyen, Anh-Tuan Dinh-Xuan
PA5818	**Towards a better understanding of NERD: A phenotypic approach** Elif naz Sancar (Altındağ, Turkey), Oguz Karcioglu, Gul Karakaya, Ali Fuat Kalyoncu, Ebru Damadoglu
PA5819	**Baseline asthma burden by inhaled corticosteroid dose: patients initiating dupilumab in RAPID** Leonard Bacharier (Nashville, United States), Arnaud Bourdin, Changming Xia, Hashem Awad, Mena Soliman
PA5820	**Effectiveness of mepolizumab in patients with severe asthma with high immunoglobulin E (IgE) or chronic rhinosinusitis with nasal polyps (CRSwNP): A post-hoc analysis of NEST** Mona Al-Ahmad (Kuwait, Kuwait), Nasser Al Busaidi, Tayseer Ibrahim, Ozlem Goksel, Riyad Omar Al-Lehebi, Bassam Mahboub, Soumya Das, Elizabeth Garcia, Saeed Noibi, Seema Haider, Gur Levy, Alejandra Galeano Mesa
PA5821	**Dupilumab Real-World Effectiveness Through 18 Months in Patients with CRSwNP and Coexisting Asthma in the AROMA Registry** Amr Radwan (Uxbridge, United Kingdom), Kathleen M. Buchheit, Enrico Marco Heffler, Shigeharu Fujieda, Martin Wagenmann, Changming Xia, Sabina Demarchi, Mark Corbett

PA5822 **Remission of chronic rhinosinusitis with nasal polyps and asthma with 24-month dupilumab**
Tomoko Tajiri (Nagoya-shi, Japan), Motohiko Suzuki, Hirono Nishiyama, Yoshiyuki Ozawa, Yuki Amakusa, Tatsuro Suzuki, Keima Ito, Yuta Mori, Kensuke Fukumitsu, Satoshi Fukuda, Yoshihiro Kanemitsu, Takehiro Uemura, Hirotsugu Ohkubo, Masaya Takemura, Yutaka Ito, Tetsuya Oguri, Akio Niimi

PS-21 Session 489 12:30 - 14:00

Poster session: Epidemiology of breathlessness, cough, sleep apnoea, allergy and comorbidities

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Epidemiology | Public health | General respiratory patient care | Palliative care

Chairs : Magnus Ekström (Lund, Sweden), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

PA5823 **Prevalence and epidemiological characteristics of breathlessness in the Austrian Lung hEart sociAl boDy (LEAD) study**
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

PA5824 **The association of breathlessness with quality of life, anxiety and depression in the Austrian Lung hEart sociAl boDy (LEAD) study**
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

PA5825 **Trajectories of breathlessness in the LEAD study – A longitudinal analysis**
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, Andre Amaral, Emiel Wouters

PA5826 **Dyspnea burden and characterization in the French population: the CONSTANCES Cohort**
Solene Valery (Issy Les Moulineaux, France), Nicolas Roche, Marie-Christine Delmas, Marcel Goldberg, Céline Ribet, Marie Zins, Benedicte Leynaert, Rachel Nadif, Thierry Perez

PA5827 **Prevalence and Risk Factors for Refractory and Resolved Chronic Cough in the Canadian Longitudinal Study of Aging (CLSA)**
Wafa Hassan (Hamilton, Canada), Alexandra J Mayhew, Nazmul Sohel, Kieran J Killian, Paul M O'Byrne, Parminder Raina, Imran Satia

PA5828 **Proteomic profiling in subjects with respiratory symptoms from the general population**
Mirjam Elisa Ljunggren (Uppsala, Sweden), Xingwu Zhou, Anders Blomberg, Ludger Grote, Magnus Sköld, Suneela Zaigham, Carl Johan Östgren, Andrei Malinovschi

PA5829 **RFC1 Repeat Expansion and Chronic Cough: Evidence from the Korean Chronic Cough Registry**
Kyung Eun Park (Seoul, Republic of Korea), Jiwon Lee, Ji-Yoon Oh, Ha-Kyeong Won, Jun-Pyo Choi, Hwa Young Lee, Woo-Jung Song

PA5830 **Is Obesity Fueling a Hidden Crisis? Unraveling Sleep Apnea Mortality Trends in the U.S. – A CDC WONDER Analysis**
Adnan Zafar (Hofuf, Saudi Arabia), Mian Zahid Jan Kakakhel, Ahmed Raza, Rameez Qasim, Erum Siddiqui, Hamna Jawad

PA5831 **Polycythemia in Obstructive Sleep Apnea: A Study of Its Prevalence and Risk Factors**
Prakhar Agarwal (Bhopal, India), Abhishek Goyal, Kirti Kadian, Abhijit Pakhare

PA5832 **Experience of the Home Mechanical Ventilation Service in Chile (HMVS) 2006-2024**
Roberto Vera Uribe (Santiago, Chile), Alejandra Sutherland, José Pablo Redard, Marcela Zuñiga, Oriel Gonzalez, Daniel Arellano, Rodrigo Torres-Castro, Nicolas Sepulveda-Caceres, Daniel Zenteno, Claudia Albertini, Jordi Vilaró, Rebeca Paiva Reinero

PA5833 **Epidemiology and diagnoses of patients receiving invasive home mechanical ventilation in Germany: A nationwide analysis**
Sarah Bettina Stanzel (Köln, Germany), Maximilian Zimmermann, Doreen Kroppen, Melanie Berger, Daniel Sebastian Majorski, Wolfram Windisch, Maximilian Wollsching-Strobel

PA5834 **Comorbid relationships among atopic dermatitis, asthma, and food allergy: a meta-analysis**
Yangmingzi Hu (Hangzhou, China), Haiqing Chen, Bingpeng Yao, Sheng Pan, Songmin Ying

PA5835 **The application of cluster analysis to phenotype respiratory disease: a scoping review**
Tiffany Bradshaw (Perth (WA), Australia), Shannon Simpson, Sanja Stanojevic

PA5836 **Reported allergic symptoms associate well with sensitization to the corresponding allergen among schoolchildren**
Eva Rönmark (Luleå, Sweden), Rebecca Johansson, Anders Bjerg, Anna Winberg, Linnea Hedman

PA5837 **Association between asthma and chronic bone diseases: A cross-sectional analysis from the Longitudinal Ageing Study in India (LASI) data**
Arundhati Bhatkande (Ahmedabad, India), Jagriti Gupta, Saibal Moitra, Subhabrata Moitra

PA5838 **Allergic rhinitis is associated with increased suicidality: a systematic review and meta-analysis**
Simon Høj (Copenhagen, Denmark), Frederik Kronvold Larsen, Bo Chawes, Vibeke Backer, Allan Linneberg, Simon Francis Thomsen, Torben Sigsgaard, Howraman Meteran

PA5839 **Investigating the association between eosinophilic asthma and mental health disorders using genetic epidemiology.**
George Nava (Bristol, United Kingdom), Christina Dardani, Golam Khandaker, James Dodd

PA5840 **Associations between allergic conditions and risk of gastric cancer: a Mendelian Randomization study**
Subhabrata Moitra (Ahmedabad, India), Saloni Patel, Arundhati Bhatkande, Arghya Bandyopadhyay, Saibal Moitra

PA5841 **Respiratory characteristics of community patients in low-income regions of Brazil: retrospective cohort study**
Francisco Jose Nigro Mazon (São Paulo (SP), Brazil), Tarso Augusto Duenhas Accorsi, Henrique Andrade Rodrigues Da Fonseca, Frederico Monfardini, Flavio Moreira Tocci, Ana Eliza Acerbi Sarti, Karen Francine Kohler, Renata Albaladejo Morbeck, Carlos Henrique Sartorato Pedrotti

PA5842 **Preserved ratio, impaired spirometry (PRISm): an updated analysis from Mumbai, India**
Lancelot Pinto (Mumbai, India), Ashwini Chawhan, Dhara Thakrar, Zarir Udwadia, Jai Mullerpattan, Radhika Banka, Trupti Mane

PS-22 Session 490 12:30 - 14:00

Poster session: Air pollution, climate change and environmental impact of respiratory therapies

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Public health | General respiratory patient care | Cell and molecular biology | Epidemiology

Chairs : Zorana Andersen (Frederiksberg, Denmark), Lucile Sese (Paris, France)

PA5843 **Carbon footprint of pressurized metered-dose inhalers' prescription in France, over 10 years**
Jade Mahé (Pessac, France), Grégoire Muller, Nicolas Roche, Arnaud Bourdin, David Grimaldi, Maxime Patout, Maéva Zysman

PA5844 **O2 supplementation thresholds and environmental tradeoffs**
Roisin Hehir (Dublin, Ireland), Alex Dix, William Griffin, Jack McCarthy, Cormac Mccarthy, Alessandro Franciosi

PA5845 **Formulary optimisation to reduce greenhouse gas emissions from inhalers: a retrospective audit of dispensing data**
Iarlaith Doherty (Dublin, Ireland), Ankit Yadav, Hannah Berman, Marguerite Vaughan, Joan Mcgillycuddy, Darren Mcconville, Deirdre Fitzgerald

PA5846 **Inhaler user awareness of climate implications: a Canadian survey**
Stacey J Butler (Toronto, Canada), Geneviève Digby, Caitlin Roy, Sze Man Tse, Shellyza Sajwani, Jill Hubick, Carolyn Mccoy, Ivy Lam, Alexander Singer, Eva Leek, Alan Kaplan, Sakina Walji, Valeria Stoynova, Samir Gupta

PA5847 **Prescriber attitudes towards prescribing 'green' inhalers in secondary care: A qualitative study**
Joseph Marchant (, United Kingdom), Aazaz Rehman, Jiakun Yu, Mattew Pavitt, Sabrine Hippolyte, Ketan Patel

PA5848 **Climate change, Extreme weather and Asthma: A trigger for exacerbations?**
Lenda Ben Hmida (Rades, Tunisia), Sabrine Louhaichi, Ella Nemsi, Ghada Barkaoui, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui

PA5849 **Association between urban greenness, air pollution and pediatric asthma control in industrial and non-Industrial cities**
Hung-Ling Huang (Kaohsiung, Taiwan), Meng-Hsuan Cheng, Ta-Chien Chan

PA5850 **The rising threat of domestic wood burning to Europe's respiratory health: A case study using longitudinal data from England and Wales**
Laura Horsfall (London, United Kingdom), Shaun Scholes, Paola Zaninotto

PA5851 **Trends in the mortality burden of lower respiratory infections attributable to non-optimal temperature Globally and in Greece: 1990-2021**
PERIKLIS MARNAS (Larisa, Greece), Eleftherios Papazoglou, Chryssi Hatzoglou, Konstantinos Gourgoulianis, Sotirios Zarogiannis, Erasmia Rouka

PA5852 **Assessing cystic fibrosis patient profiles and exposome associations through unsupervised multidimensional phenotyping**
Ralph Epaud (Creteil, France), Michelle Leemans, Taos Benoussaid, Yasmine Bousserrhine, Antoine Bessou, Adriana Coman, Isabelle Coll, Sophie Lanone, Etienne Audureau

PA5853	**Seasonal variation in air pollution induced lung injury: effects on lung and gut microbiome in mice** Yu-Syuan Shih (Taipei, Taiwan), Ta-Chih Hsiao, You-Yin Chen, Yu-Chun Lo, Hsiao-Chi Chuang
PA5854	**Are we accurately estimating our dose of inhaled air pollution? A scoping review on estimation methods** Laura Delgado Ortiz (Barcelona, Spain), Alícia Josa-Culleré, Aslihan Cakmak-Onal, Raquel Yafari, Claudia Armengol, Lidia Murillo, Joren Buekers, Lidia Morawska, Judith Garcia Aymerich, Sarah Koch, Ioar Rivas
PA5855	**Personal air pollution exposure during commuting: insights from wearable sensor** Sara Bernasconi (Varese, Italy), Alessandra Angelucci, Marco Banfi, Andrea Aliverti
PA5856	**Toxicological assessment of ultrafine particles in central Los Angeles** Constantinos Sioutas (Los Angeles, United States), Yashar Aghaei, Mohammadmahdi Badami
PA5857	**Accuracy and precision of low-cost air quality sensors compared with Federal Equivalent Method monitors.** Sanja Stanojevic (Halifax (NS), Canada), Lauren Duggan, Jayd Adams, Cindy Feng, Kelvin Fong
PA5858	**Inhaled diesel exhaust particles disrupt cardiac autonomic balance and enhance cough reflex via TRPV1 activation in humans** Filippo Liviero (Padova (PD), Italy), Manuela Campisi, Giorgia Carolo, Luana Cannella, Anna Bordin, Paola Mason, Sofia Pavanello
PA5859	**Downregulation of CSF3 attenuates the inflammatory responses in animal models exposed to particulate matter (PM)** Eun Suk Son (Incheon, Republic of Korea), Sung Hwan Jeong, Sun Young Kyung, Jeong-Woong Park, So Young Park, Young Eun Lee
PA5860	**The lived experience of people with asthma during the extreme heat: A large online Australian survey** Troy Cross (Forest Lodge, Australia), Iris Liu, Molly Mccausland, Gabrielle Dolan, Sailor Anicker
PA5861	**Premature deaths due to long-term exposure to PM2.5 in Türkiye in the last five years** Merve Erçelik (Afyonkarahisar, Turkey), Orbay Tutku Seren, Nilüfer Aykaç
PA5862	**Particulate Matter 2.5 Accelerates Fibrosis by Disrupting SERPINE1 Pathway in Small Airway Epithelial Cells** Jihye Bang (Cheongju, Republic of Korea), Bu-Yeo Kim, Kyung-Ok Uhm, Han Byul Jang, Minju Kang, Hyun Joung Lim

PS-23 Session 491 12:30 - 14:00

Poster session: Best practices and challenges in tobacco cessation and educational intervention

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Public health Epidemiology General respiratory patient care Pulmonary function testing

Chairs : Nicholas Hopkinson (London, United Kingdom), Chair to be confirmed

PA5863	**E-cigarette or Vaping Use-Associated Lung Injury: unresponsive 11 years old child** Kateryna Khromykh (Vinnytsia, Ukraine), Veronika Dudnyk, Oksana Khodasevych
PA5864	**EVALUATION OF A COMPREHENSIVE APPROACH TO SMOKING CESSATION** sirine khemiri (tunsiia, Tunisia), Hajer Racil, Sarra Maazaoui, Amany Touil, Mariem Chaabene, Tasnime Zneugui, Sonia Habibech, Nawel Chaouch
PA5865	**"School * Vape * Science" – A Participatory Approach to Vaping Prevention in Adolescents** Loana Penner (Lübeck, Germany), Mareike Lüthgen, Henrike A. Faesser, Paul N. Axt, Annika Burgard, Maike Trümpelmann, Gyde Nissen, Daniel Drömann, Folke Brinkmann, Klaas F. Franzen
PA5866	**Sociodemographic profile of users of electronic cigarettes in Rio Grande do Norte/Brazil: a cross -sectional study** Thaiza Teixeira Xavier Nobre (Natal (RN), Brazil), Maria Do Socorro Luna Cruz, Damião De Araújo Junior, Brenda Yasmim Ribeiro De Morais, Gabriella Caiana Dos Santos, Catharinne Angélica Carvalho De Farias, Silvana Loana De Oliveira Sousa
PA5867	**Smoke on the field: Tobacco use among sportspeople in Kairouan, Tunisia** Baraa Ben Bdira (Sousse, Tunisia), Nadia Aroussi, Asma Knaz, Asma Omrane, Iteb Ben Limem, Salsebil Bouafia, Sana Aissa, Imen Gargouri, Ahmed Abdelghani
PA5868	**Impact of MPOWER Interventions on Smoking Cessation and Electronic Nicotine Delivery Systems in Germany: A Time Series Analysis Using Google Trends** Tobias Jagomast (Lübeck, Germany), Imke Tangemann-Münstedt, Mareike Lüthgen, Daniel Drömann, Klaas F. Franzen

PA5869	**Healthy Lungs for Life for Schools (HLFL4S): 2 years educational intervention in Italy to prevent lung disease in adulthood (a CADSET pilot project)** Paola Pierucci (Bari, Italy), Velia Malizia, Rosalia Gagliardo, Gabriella Campa, Francesca Botrugno, Maria Storelli, Agostina Martinelli, Lucy Robinson, Katherine Wylie, Lauren Anderson, Nadine Peters, Pippa Powell
PA5870	**Healthy Lungs for Life for Schools – evaluating the role of lung health tests in the classroom** Nadine Peters (Brussels, Belgium), Pippa Powell, Paola Pierucci, Katherine Wylie, Lucy Robinson, Marie-Kathrin Breyer, Barbara Wögerbauer, Micheal Sturm, Robab Breyer-Kohansal
PA5871	**Discriminant Analysis of Knowledge and Perceptions on Tobacco Heating Systems and E-Cigarettes** Alessandra Pandolfo (Palermo, Italy), Stefania Roncaglia, Giulia Bertolucci, Alessandra Beni, Andrea Perri, Giulia Grillo, Michele Ghezzi, Maria Elisa Di Cicco, Giovanni Viegi, Stefania La Grutta
PA5872	**The radioactive hypothesis for lung cancer in ex-smokers** Maria Sofia Cattaruzza (Roma (RM), Italy), Vincenzo Zagà, Giuseppe Gorini, Paola Martucci, Martina Antinozzi
PA5873	**Trends in prevalence and motivation of tobacco use among youth 2022–2025** Vitalii Poberezhets (Vinnytsia, Ukraine), Vitalina Harkusha, Anna Demchuk, Vitalii Slobodian
PA5874	**The modern trends of smoking in children and teenagers** Oksana Poberezhets (Vinnytsia, Ukraine), Sofia Borysenko, Mykola Stanislavchuk, Khrystyna Volnytska, Nadiya Rudnytska, Volodymyr Tsmok
PA5875	**Clinical, psychological and socioeconomic traits that are associated with nicotine dependency in smokers** Santhiya Ramachandran (Puducherry, India), Pajanivel Ranganadin, Lakshmi Piriya Santhakumar
PA5876	**Prenatal and Postpartum Education for Smoking Cessation and Breastfeeding** Paraskevi Katsaounou (Athens, Greece), Eftychia Kapentzoni, Kleanthi Gourounti, Antigoni Sarantaki, Maria Vlachou, Athina Diamanti
PA5877	**Factors associated with smoking cessation success** Amal Saidani (Bizerte, Tunisia), Souha Abdenneji, Houda Rouis, Hajer Racil, Chahida Hariz, Ines Akrout, Hajer Abdelghaffar, Ines Zendah, Chirine Moussa, Sonia Maalej
PA5878	**Vape Delivery Apps: Helping Quit or Fueling Addiction?** NADA Boutbagha (Agadir, Morocco), Hanane Ikrou, Salma Abrar, Oussama Halloumi, Selma Abdala, Hind Serhane
PA5879	**Knowledge and attitudes of health care professionals regarding anti-smoking regulations: results of a surveycarried out at the MTM University Hospital of Nabeul (Tunisia)** Hana Dhifallah (Ariana, Tunisia), Khaoula Hmissi, Nada Gader, Narjes Abid, Hedia Ghrairi
PA5880	**Are we reaching our goal when running media advocacy tobacco control campaigns?** Sofia Belo Ravara (Covilhã, Portugal), Raquel Rosa, Hilson Cunha-Filho, Oliva Martins, Catia Jorge, António Morais
PA5881	**Key factors influencing smoking among children and adolescents in Ukraine** Oksana Poberezhets (Vinnytsia, Ukraine), Sofia Borysenko, Mykola Stanislavchuk, Khrystyna Volnytska, Nadiya Rudnytska, Volodymyr Tsmok
PA5882	**Late Breaking Abstract - Prevalence of tobacco use and its effects on lung function at different altitudes: a cross -sectional survey** Jia Cui (Beijing, China), Zhenzhen Xing, Huanyu Long, Di Chai, Yaqi Tong, Yuxia Wang, Yanming Li, Tieying Sun, Yanfei Guo

PS-24 Session 492 12:30 - 14:00

Poster session: Paediatric severe asthma and clinical trials

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care Public health Pulmonary function testing Physiology

Chairs : Astghik Baghdasaryan (Yerevan, Armenia), Chair to be confirmed

PA5883	**Impact of food allergy on asthma outcomes of children from ethnic groups with difficult to treat asthma (DA)** Melvin Qiyu Lee (Southampton, United Kingdom), Urvashi Nanda, Susan Frost, Benjamin Davies, Satish Rao, Prasad Nagakumar
PA5884	**Socioeconomic and ethnic predictors of fungal sensitisation in a paediatric difficult-to-treat asthma cohort** Urvashi Nanda (Birmingham, United Kingdom), Melvin Lee Qiyu, Sue Frost, Benjamin Davies, Satish Rao, Prasad Nagakumar

PA5885	**Exacerbation risk prediction in pediatric wheeze or asthma patients using machine-learning-based integrative omics analyses.** Cristina Longo (Laval, Canada), Oleg Matusovskiy, Ian M. Adcock, Lars I. Andersson, Charles Auffray, K Fan Chung, Sven-Erik Dahlen, Bertrand De Meulder, Ratko Djukanovic, Peter Howarth, Norbert Krug, Amanda Roberts, Ana R. Sousa, Peter J. Sterk, David Supple, Graham Roberts, Mohib Uddin, Scott Wagers, Anke-Hilse Maitland-Van Der Zee
PA5886	**Childhood disadvantage factors and Paediatric Intensive Care use for severe acute asthma in the Netherlands** Berber Kapitein (Amsterdam, Netherlands), Simone Van Dormolen, Malou Sprinkhuizen, Dick Markhorst, Suzanne Terheggen-Lagro, Job Van Woensel, Susanne Vijverberg
PA5887	**A pragmatic cluster randomised controlled trial (cRCT) of an educational intervention to promote asthma prescription uptake in General Practitioner Practices** RAMI ALYAMI (Jazan, Saudi Arabia), Steven Julious, Phillip Oliver, Rebecca Simpson, Ric Campbell
PA5888	**Inhaled corticosteroids plus Tiotropium versus inhaled corticosteroids plus Montelukast in children with poorly controlled asthma: a non-inferiority trial** Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Soma Sengupta, Krishna Mohan Gulla, Biswa Mohan Padhy, Sakti Kumar Bal
PA5889	**Long-term follow-up of FEV1 in asthmatic children treated with Dupilumab in real life** Rachel Kinuani (Liège, Belgium), Stéphanie Wanin, Nicole Beydon
PA5890	**Dupilumab reduces severe exacerbation rates and total IgE levels in children with type 2 asthma, irrespective of transient increase in eosinophils** Sharon Dell (Vancouver, British Columbia, Canada), Theresa Guilbert, Antoine Deschildre, Wanda Phipatanakul, Nikolaos G. Papadopoulos, Clare S. Murray, Changming Xia, Andrew Moraco, Marissa Shams, Leonard B. Bacharier
PA5891	**Acceptability of point-of-care testing in children presenting with acute preschool wheeze enrolled in the PRECISE study** HANNAH NORMAN-BRUCE (Belfast, United Kingdom), Shaun O'Hagan, Tom Waterfield, Helen Groves
PA5892	**Efficacy outcomes in children with asthma receiving dupilumab plus medium-dose inhaled corticosteroids vs children who receive placebo and continue high-dose inhaled corticosteroids** Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Leonard B. Bacharier, Nikolaos G. Papadopoulos, Rémi Gagnon, Theresa W. Guilbert, Changming Xia, Olivier Ledanois, Mena Soliman
PA5893	**Evaluation of omalizumab to mepolizumab switch in children and adolescents with severe allergic eosinophilic asthma** Latika Gupta (London, United Kingdom), Ines De Mir Messa, Jose Valverde-Molina, Clare Murray, Ana Diez Izquierdo, Ana Martinez Canavate, Chinedu Nwokoro, Carolina Diaz Garcia, Alicia Callejon Callejon, Prasad Nagakumar, Olga De La Serna Blazquez, James Cook, Laura Valdesoiro, Juan Navarro Moron, Mirella Gaboli, Silvia Castillo Corullon, Alvaro Gimeno Diaz De Atauri, Pilar Caro Aguilera, Jaime Lozano Blasco, Yolanda Aliaga, Alejandro Lopez Neyra, Andrew Turnbull, Paula Corcuera Elosegui, Katharine Pike, Atul Gupta
PA5894	**A systematic review to assess inclusion of adolescents in RCTs on pharmaceutical treatments for asthma from 2015-2023.** Amy Nuttall (Liverpool, United Kingdom), Catherine Mcnamara, William Bedson, Emma Wilkinson, Ian Sinha, Paul Mcnamara
PA5895	**Real-world data: treatment with Tezepelumab in adolescents with severe asthma** Jordis Trischler (Frankfurt am Main, Germany), Johannes Schulze, Katharina Bluemchen
PA5896	**Cost analysis of ADRB2 genotype-guided treatment for childhood asthma: results of the PUFFIN and PACT trial** Elise M.A. Slob (Amsterdam, Netherlands), Geert W.J. Frederix, Susanne J.H. Vijverberg, Lieke C.E. Noij, Somnath Mukhopadhyay, Tom Ruffles, Ron H.N. Van Schaik, Elin T.G. Kersten, Mariëlle W. Pijnenburg, Gerard H. Koppelman, Anke-Hilse Maitland-Van Der Zee
PA5897	**Near Fatal Asthma in Children and Young People (CYP): A UK and ROI Surveillance Study** Deepa Varghese (Glasgow, United Kingdom), Ann Mc Murray, Tom Clemens, Mark Lyttle, Lisa Finlay, Des Cox, Peter Davis, Hilary Pinnock, Jonathan Grigg, Steve Cunningham
PA5898	**Smartphone spirometry in children for asthma diagnosis: Measurement quality over seven days** Antonia Knopek (Göttingen, Germany), Hanna Fabinyi, Viktoria Zach, Nina Hoekstra, Carlotta Nüssing, Swantje Weisser, Angela Zacharasiewicz, Christiane Lex
PA5899	**Child deaths due to Asthma or Anaphylaxis** David Odd (Cardiff, United Kingdom), Sylvia Stoianova, Tom Williams, Vicky Sleap, James Fraser, Joanna Garstang, Jonathan Grigg, Mark Levy, Vibha Sharma, Jennifer Townshend, Karen Luyt
PA5900	**Can controller therapy modify the natural course of pediatric asthma?** Sotirios Fouzas (Patras, Greece), Aikaterini Pana, Aris Bertzouanis, Michael Anthracopoulos

PA5901	**Mepolizumab treatment in children and adolescents with severe eosinophilic asthma (CASAM)-A real-world study: 12 months analysis** Latika Gupta (London, United Kingdom), Ines De Mir Messa, Jose Valverde-Molina, Clare Murray, Ana Diez Izquierdo, Chinedu Nwokoro, Carolina Diaz Garcia, Alicia Callejon Callejon, Prasad Nagakumar, Olga De La Serna Blazquez, James Cook, Laura Valdesoiro, Juan Navarro Moron, Mirella Gaboli, Silvia Castillo Corullon, Alvaro Gimeno Diaz De Atauri, Pilar Caro Aguilera, Jaime Lozano Blasco, Yolanda Aliaga, Alejandro Lopez Neyra, Andrew Turnbull, Paula Corcuera Elosegui, Katharine Pike, Atul Gupta
PA5902	**Single breath count compared to spirometry in the diagnosis and monitoring of treatment response in acute exacerbation of childhood asthma: a cross-sectional study** Rashmi Ranjan Das (Bhubaneswar (Odisha), India), Swathi Nakka, Krishna Mohan Gullla, Bhagirathi Dwibedi, Joseph John

PS-25 Session 493 12:30 - 14:00

Poster session: Primary ciliary dyskinesia in focus: mechanisms, markers and multidisciplinary care

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Cell and molecular biology Imaging Physiology General respiratory patient care Pulmonary function testing

Chairs : Petr Pohunek (Praha, Czech Republic), Laura Petrarca (Roma (RM), Italy)

PA5903	**Systematic review of artificial intelligence and digital-automated tools to improve screening, diagnosis and characterization of Primary Ciliary Dyskinesia** Panayiotis Kouis (Nicosia, Cyprus), Mathieu Bottier, Nisreen Rumman, Mia Shanks, Andreas Protopapas, Amelia Shoemark, Myrofora Goutaki, Claire Jackson
PA5904	**Impact of microbiological status on clinical and functional characteristics in Primary Ciliary Dyskinesia: the Microsurvey Study** Valentina Agnese Ferraro (Padova, Italy), Valentina Tonazzo, Claudia Biondi, Alessandra Boni, Melissa Borrelli, Claudia Calogero, Alberta Circiello, Adele Corcione, Renato Cutrera, Valentina Fainardi, Giuseppe Fabio Parisi, Maria Francesca Patria, Giuseppe Scopelliti, Nicola Ullmann, Silvia Carraro
PA5905	**Comparison of clinician-defined exacerbation and a modified version of the expert consensus in pulmonary exacerbations in primary ciliary dyskinesia (PCD),a BEAT-PCD collaboration** Kewei Zhang (Southampton, United Kingdom), Avni Kant, Melissa Borrelli, Carolina Constant, Silvia Castillo Corullon, Ela Eralp, Claire Hogg, Cordula Koerner-Rettberg, Enrico Lombardi, Natalie Lorent, Vendula Martinu, Lucy Morgan, Kim Nielsen, Heymut Omran, Ugur Ozcelik, Phil Robinson, Sandra Rovira-Amigo, Guillaume Thouvenin, Nicola Ullmann, Woolf Walker, Panayiotis Yiallouros, Camille Pearse, Bettina Frauchiger, Claudia E. Kuehni, Nicole Beydon, Philipp Latzin, Jane S Lucas, Bruna Rubbo
PA5906	**Late Breaking Abstract - Comparison of Characteristics Between Patients with Definite Genetic Diagnosis and Patients with Variants of Uncertain Clinical Significance in Primary Ciliary Dyskinesi** IŞIL BİLGİÇ (ANKARA, Turkey), Salih Uytun, Murat Yasin Gençoğlu, Şule Selin Akyan Soydaş, Ece Ocak, Satı Özkan Tabakçı, Meltem Kürtül Çakar, Sanem Eryilmaz Polat, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Güzin Cinel
PA5907	**Primary ciliary dyskinesia: treat the patient, not their gene!** Kewei Zhang (Southampton, United Kingdom), Carolina Jaramillo Oquendo, Claire Jackson, Amelia Bercusson, Siobhan Carr, Mary Carroll, Claire Hogg, Deepa Patel, Daniel Peckham, Evie Robson, Giulia Spoletini, Jane S Lucas, Woolf Walker, Bruna Rubbo
PA5908	**Accuracy of immunofluorescence testing in the diagnosis of Primary Ciliary Dyskinesia (PCD): a six-year review at a specialist referral center** Mathieu Bottier (London, United Kingdom), Mellisa Dixon, Rhiannon Mclellan, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Ranjit K Rai, Farheen Daudvohra, Thomas Burgoyne, Hannah M Mitchison, Laura Gardner, Andrew Rogers, Andrew Fleming, Briggs Lizi, Michael R Loebinger, Siobhan Carr, Deborah Morris-Rosendahl, Amelia Shoemark, Claire Hogg
PA5909	**Multimodal diagnostic evaluation in PCD patients without genetic confirmation** Mathieu Bottier (London, United Kingdom), Rhiannon Mclellan, Mellisa Dixon, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Ranjit K Rai, Farheen Daudvohra, Thomas Burgoyne, Hannah M Mitchison, Andrew Rogers, Andrew Fleming, Briggs Lizi, Laura Gardner, Siobhan Carr, Michael R Loebinger, Deborah Morris-Rosendahl, Amelia Shoemark, Claire Hogg
PA5910	**Barriers and priorities for care for patients with primary ciliary dyskinesia (PCD): BEAT-PCD survey on expert's opinions** Bruna Rubbo (Southampton, United Kingdom), Laura Behan, John Goodwin, Claire Jackson, Janice Coles, Robert Hirst, Myrofora Goutaki, Corine Driessens, Claudia E. Kuehni, Jane S. Lucas

PA5911	**Biallelic loss-of-function and novel hypomorphic polo-like kinase 4 (PLK4) variants in primary ciliary dyskinesia (PCD)** Claire L Jackson (Southampton (Hampshire), United Kingdom), Janice Coles, Gabrielle Wheway, Gemma Fryatt, Regan Doherty, James Thompson, Patricia Goggin, Lee Baker, Amanda Harris, David Hunt, Tom Hilliard, Jane S Lucas, N. Simon Thomas, Woolf T Walker
PA5912	**Utilising human cellular models of Primary Ciliary Dyskinesia: A scoping review** Jonathan Ong (Southampton, United Kingdom), William Tsang, Jane Lucas, Claire Jackson, Bruna Rubbo
PA5913	**Genetic background and pulmonary exacerbations in patients with primary ciliary dyskinesia** Pinelopi Anagnostopoulou (Nicosia, Cyprus), Panayiotis Kouis, Dilber Ademhan Tural, Sarah Altaraihi, Athina Christofidou, Hatice Nur Coemert, Simona Basilicata, Melissa Borrelli, Renato Cutrera, Nagehan Emiralioglou, Ela Erdem, Yasemin Gokdemir, Serena Gracci, Elpis Hatziagorou, Simone Helms, Bülent Karadag, Debora Maj, Marcus A. Mall, June K. Marthin, Nicos Middleton, Antonio Moreno-Galdó, Ugur Özçelik, Massimo Pifferi, Johanna Raidt, Jobst Röhmel, Sandra Rovira-Amigo, Francesca Santamaria, Ioannis Tsiolakis, Nicola Ullmann, Niklas Ziegahn, Kim G. Nielsen, Heymut Omran, Panayiotis Yiallouros
PA5914	**Prevalence and trends in asthma diagnosis within a paediatric Primary Ciliary Dyskinesia cohort.** Natalie Blyth (Leicester, United Kingdom), Manisha Ramphul, Nicola Rowbotham, David K H Lo, Erol Gaillard, Priti Kenia, Deepa Patel
PA5915	**Biomarkers in primary ciliary dyskinesia (PCD): A systematic review** Laura Gardner (London, United Kingdom), Amelia Shoemark, Katharine Harman, Micaela Mossop, Siobhan Carr, Jane C Davies, Myrofora Goutaki, Claire Hogg
PA5916	**Risk factors and outcomes of vitamin D deficiency in paediatric primary ciliary dyskinesia** Nicola Rowbotham (Derby, United Kingdom), Natalie Lemming, Kahwee Teo, Hannah Harding, Priti Kenia, Deepa Patel
PA5917	**Respiratory Function in Primary Ciliary Dyskinesia Patients: The Role of Inhaled Treatment** Manel Jabberi (tunisia, Tunisia), Ella Nemsi, Naziha Hammouda, Siouar Gharsallaoui, Sabrine Louhaichi, Jamel Ammar, Besma Hamdi, Agnès Hamzaoui
PA5918	**High reproducibility in assessing ciliary biomarkers for primary ciliary dyskinesia clinical trials** Mathieu Bottier (London, United Kingdom), Amelia Shoemark, Thomas Burgoyne, Mellisa Dixon, Vinay Daryani, Tracy Staton, Rhiannon Mclellan, Emily Howieson, Stephanie Blake, Sarah Ollosson, Charlotte Richardson, Jessica Couch, Pallav Shah, John Matthews, Michael R Loebinger, Claire Hogg
PA5919	**Clinical and demographic characteristics of patients diagnosed with Primary Ciliary Dyskinesia with CCDC40 homozygous mutation** Mine Yüksel Kalyoncu (Istanbul, Turkey), Ela Erdem Eralp, Merve Selcuk, Seyda Karabulut, Neval Metin Çakar, Ceren Ayça Yıldız, Merve Akkitap Yiğit, Eda Esra Baysal, Fulya Özdemircioğlu, Almala Pınar Ergenekon, Yasemin Gokdemir, Bulent Karadag
PA5920	**Phenotypic presentation of an RPGR primary ciliary dyskinesia (PCD) cohort** Janice Coles (Southampton (Hampshire), United Kingdom), Claire L Jackson, Gemma Fryatt, James Thompson, Regan Doherty, Patricia Goggin, Jonathan W Y Ong, David Hunt, N. Simon Thomas, Woolf T Walker, Jane S Lucas
PA5921	**Move-PCD – A longitudinal randomised controlled trial of the effect of a physical activity program on quality of life in children and adults with PCD** Anne Schlegtendal (Bochum, Germany), Anna Teresa Hoffmann, Klaus Baum, Anna Mai, Christoph Maier, Julien Stein, Marianne Tokic, Stefanie Dillenhöfer, Thomas Lücke, Nina Timmesfeld, Folke Brinkmann
PA5922	**Interferon-signaling gene scores as a biomarker for SAVI in patients with interstitial lung disease** Heidi Schaballie (Gent, Belgium), Bram Meertens, Thomas Renson, Kris De Coen, Karlien Claes, Veronique De Backer, Alexandre Belot, Raphaela Goldbag-Mansky, Joke De Hoorne, Simon J. Tavernier, Filomeen Haerynck

PS-26 Session 494 12:30 - 14:00

Poster session: From canvas to clinic: translating basic science to lung transplant care

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Transplantation | Surgery | Imaging | Cell and molecular biology | Palliative care | Public health | Pulmonary rehabilitation

Chairs : Dorina Esendagli (Ankara, Turkey), Peter Riddell (Dublin, Ireland)

PA5923	**Impact of immunosuppression on torque teno virus load in lung transplant patients** Dagmara Galle (Poznań, Poland), Fryderyk Zawadzki, Anita Stanjek-Cichoracka, Anna Łaszewska, Anna Kowal, Magdalena Królikowska, Elżbieta Chełmecka, Tomasz Hrapkowicz, Marek Ochman

PA5924	**Age as a limiting factor in lung retransplantation** Marta Andreu Casas (Barcelona-Sants (Barcelona), Spain), Paula Barquero Dueñas, Sara Salvador Fernandez, Berta Saez Gimenez, Cristina Berastegui García, Judith Sacanell Lacas, Joel Rosado Rodriguez, Carles Bravo Masgoret, Victor Monforte Torres, Manuel López Meseguer, Susana Gomez-Olles, Eva Revilla Lopez
PA5925	**Clinical manifestations of Post-Transplant Lymphoproliferative Disorder in Cystic Fibrosis: Experience from a regional adult CF centre** Cindy Eng (Leeds, United Kingdom), Hisham Saumtally, Akhil Sawant, Ian Clifton, Giulia Spoletini, Christine Etherington, Daniel Peckham
PA5926	**The burden of coronary artery disease in lung transplant candidates** Laura Mizio (Milan, Italy), Letizia Morlacchi, Valeria Rossetti, Francesco Bindo, Jacopo Fumagalli, Ilaria Righi, Lorenzo Rosso, Francesco Blasi, Marco Vicenzi
PA5927	**Impact of extended criteria donors on lung transplant survival** Andrei Darie (Melbourne, Australia), Bronwyn Levvey, Helen Shingles, Miranda Paraskeva, Glen Westall, Gregory Snell
PA5928	**Effectiveness of the Arexvy RSV vaccine in lung transplant recipients: Neutralizing antibody response against reference and seasonal strains** Liran Levy (Ramat Gan, Israel), Dafna Yahav, Mark Benzimra, Yael Bezalel, Tomer Hoffman, Neta Shirin, Tomer Sinai, Menucha Jurkowicz, Ofir Deri, Noa Matalon, Milton Saute, Yaniv Lustig, Eyal Nachum, Michael Peled, Ital Nemet, Michal Mandelboim
PA5929	**Controlled-temperature preservation: overcoming the timing challenge in uncontrolled donation after circulatory death lung transplantation.** Riccardo Orlandi (Agrate Brianza, Italy), Lorenzo Rosso, Ilaria Righi, Paolo Mendogni, Davide Tosi, Margherita Cattaneo, Francesco Damarco, Margherita Brivio, Mario Nosotti, Alessandro Palleschi
PA5930	**MARIVABIR FOR LUNG TRANSPLANT PATIENTS** Rosa Gutiérrez-Larraya Sánchez-Andrade (Madrid, Spain), Myriam Aguilar Perez, Rosalía Laporta Hernández, Christian García Fadul, Marta Erro Iribarren, María Teresa Lazaro Carrasco Dela Fuente, Patricia Minguez Clemente, Raquel Sanabrias De Sevilla, Piedad Ussetti Gil, Carlos Almonacid Sánchez
PA5931	**Assessing the Correlation of Esophageal Length with Pulmonary Function in the Pre-Transplant Population** Spencer Deleveaux (Jacksonville, United States), Jessica Bradley, Lesley Houghton, Kenneth Devault, Sushil Sonavane, Patricia Mergo, Augustine Lee
PA5932	**Effects of calcineurin inhibitors on the production of MUC5AC and MUC5B mucins in human tracheobronchial airway cells** Victoria C Rodrigues (São Paulo, Brazil), Aristides T. Correia, Gabriela Baptista, Paulo Manuel Pêgo-Fernandes, Rogerio Pazetti
PA5933	**Dynamic Neutrophil Subsets and Function in Lung Transplant Recipients: Insights from a One-Year Longitudinal Pilot Study** Liran Levy (Ramat Gan, Israel), Naomi Kaisar-Iluz, Merav E Shaul, Ofir Deri, Ella Huszti, Michael Peled, Yael Bezalel, Zvi G Fridlender
PA5934	**CONCORDANCE BETWEEN THE MACROSCOPIC APPEARANCE OF THE ANASTOMOSIS AND MICROBIOLOGICAL ISOLATES IN LUNG TRANSPLANT PATIENTS** Lucia Ortega Ruiz (Madrid, Spain), Begoña Peña Del Cura, Clara Seghers Carreras, Fernando Revuelta Salgado, Juan Margallo Iribarnegaray, Rodrigo Alonso Moralejo, Ricardo García Luján
PA5935	**Diaphragmatic Function in Bilateral Lung Transplant Patients: A Pre- and Post-Operative Ultrasound Study** Weidan Lu (beijing, China), Dandan Guo, Li Zhao, Wenhui Chen
PA5936	**Disparities in outcomes among patients waitlisted for lung transplantation in Saudi Arabia: A 10-year retrospective study** Rayid Abdulqawi (Riyadh, Saudi Arabia), Amjad Albatili, Rana Saleh, Ruqayyah Fadhel, Yehia R Yousef, Haifa Aldakhil, Yasmin Altwaijri, Hana Al Khabbaz, Moheeb Alawwami, Eid Al-Mutairy
PA5937	**First experience of transbronchial cryobiopsy versus forceps biopsy after lung transplantation** Alina Liedtke (Basel, Switzerland), Juergen Hetzel, Katrin E. Hostettler, Antje Prasse, Spasenija Savic Prince, Kathleen Jahn
PA5938	**Unexpected negative flow cytometry crossmatch in a lung transplant candidate with high MFI donor-specific antibody** Rayid Abdulqawi (Riyadh, Saudi Arabia), Amal Algharably, Hana Al Khabbaz, Shahad Barri, Moheeb Alawwami

PA5939	**Impact of Peri-Transplant Frailty (Clinical Frailty Scale, CFS) on Survival after Lung Transplant in Interstitial Lung Disease (ILD): Insights from the Lung Transplant- and European IPF Registry (eurIPFreg)** Ekaterina Krauss (Giessen, Germany), Stefan Kuhnert, Sabina Guler, Luise Wilke, Janine Sommerlad, Silke Tello, Anita Windhorst, Andreas Guenther, Matthias Hecker
PA5940	**Multidrug Resistant Organisms in Lung Transplant Recipients** Giacomo Maruca (Rozzano, Italy), Letizia Corinna Morlacchi, Valeria Rossetti, Andrea Lombardi, Marta Agnesi, Jacopo Fumagalli, Cinzia Marotta, Ilaria Righi, Alessandro Palleschi, Lorenzo Rosso, Alessandra Bandera, Mario Nosotti, Francesco Blasi
PA5941	**Factors associated with organ donation in patients with amyotrophic lateral sclerosis: an approach from the multidisciplinary ALS unit.** Carlos Carrera Cueva (Sevilla, Spain), Maria Andrea Jaimes, Esther De Benito Zorrero, Maria Del Carmen Toquero Pichardo, Maria Oliva Artillo Picón, Candelaria Caballero Eraso, Julia Rodriguez Medina
PA5942	**The Impact of Exercise Therapy on Exercise Capacity, Mental Health, and Quality of Life in Lung Transplant Recipients: A Systematic Review** Alper Kemal Gürbüz (Kirikkale, Turkey), Irem Süzen, Aynur Demirel, Naciye Vardar Yağlı

PS-27 Session 495 12:30 - 14:00

Poster session: Evidence-based practice in pulmonary function testing: using research to improve clinical practice

Disease(s) : Airway diseases Sleep and breathing disorders Interstitial lung diseases

Method(s) : Pulmonary function testing Pulmonary rehabilitation Physiology Transplantation General respiratory patient care Imaging Public health Epidemiology

Chairs : Arjen Pelgröm (Veenendaal, Netherlands), Lindsay Zurba (Durban, South Africa)

PA5943	**Building Capacity for Respiratory Health in the community: A practical spirometry training program for the polyclinic setting.** si yee sim (singapore, Singapore), Faith Chan, Maryam Zaini Siti, Corrine Kang, Hwee Lee Ng
PA5944	**Challenges in performing Spirometry as reported by patients and spirometry technicians: A Multicentric Study from India** Ruby Swami (pune, India), Nagarajan Srinivasan, Ks Arora, Deepak Shukla, Indranil Haldar, Joydeep Ganguly, K Madhu, Rennis Davis, S K Awasthi, Sandeep Raj Bharma, Vikram Jaggi, Sapna Madas, Sujata Chauthmal, Abhishek Sabale, Rushika Shah, Meena Lopez, Jaideep Gogtay, Senthilnathan Mohanasundaram, Deesha Ghorpade, Sundeep Salvi
PA5945	**Development of the Role of a Consultant Clinical Scientist within an ILD Service** Ian Cliff (Stoke-on-Trent, United Kingdom), Shiva Bikmalla, Vicki Poole, Raja Muthusami, Helen Stone
PA5946	**Adherence and quality assurance of home spirometry in lung transplant recipients.** Bryn Williams (BIGGLESWADE, United Kingdom), Benjamin Knox-Brown, Rebecca Borton, Karl Sylvester, Caroline Patterson
PA5947	**Clinical Scientist led clinics for severe sleep apnoea patients: a solution to a growing problem** Richard Madeley (Leeds, United Kingdom)
PA5948	**Neural control of the diaphragm: a contested perspective** Nimet Ebrar Demircan (Ankara, Turkey), Necdet Kocabıyık
PA5949	**PRISm prevalence and associated factors in a university medical center: a retrospective analysis** Zeina Akiki (Byblos, Lebanon), Emilio Khoueiry, Elissa Smayra, Antonio Nader, Karen El Teress, Caren Safi, Imad El Ashkar, Ali Majed, Ali Fawaz, Pascale Salameh, Dany Gaspard
PA5950	**Health tracker Capnography CO2-slope: marker for cardiopulmonary health.** Tjeu Souren (Utrecht, Netherlands), Michal Mor, Adam Lee Perelman, Dan Golan, Merav Mor
PA5951	**Dyspnea and pulmonary function in a population-based cohort of SARS-CoV-2 infected individuals** Mustafa Abdo (Kiel, Germany), Anne-Kathrin Ruß, Sabrina Ballhausen, Alin Viebke, Carolin Nürnberger, Anna Horn, Stefan Störk, Peter U Heuschmann, Thomas Zoller, Fridolin Steinbeis, Martin Witzenrath, Lilian Krist, Ekaterina Heim, Sina M. Hopff, J. Janne Vehreschild, Wolfgang Lieb, Michael Krawczak, Klaus F Rabe, Espen Elias Groth, Jan Heyckendorf, Stefan Schreiber, Lennart Reinke, Thomas Bahmer
PA5952	**POLARIS: A digitally enabled COPD diagnostic pathway to reduce waiting times and improve early intervention** Emma Giffen (Glasgow (Glasgow), United Kingdom), Fergus Wilkie, Anna Taylor, Eve Walker, David Lowe, Chris Carlin

PA5953 **The prevalence of submaximal effort on the reported FEV1 in a clinical trial cohort of Asthma, COPD, and ACO subjects.**
Carl Mottram (Hayfield, United States), Diana Teixeira E Silva, Benoit Cuyvers, Todd Lustine, Kevin Mccarthy, Paul Desbordes, Jeroen Berrevoets, Marko Topalovic

PA5954 **Experience in a clinical trial for COPD suggests the reduced back-extrapolated volume limit of 0.100 L may be unnecessarily restrictive**
Kevin McCarthy (Matthews, United States), Phil Lake, Todd Lustine, Carl Mottram

PA5955 **Reference values by Oostveen for Forced Oscillation Technique can be used for military personnel**
Antoinette Houtkooper (Julianadorp, Netherlands), Juliette Zuurbier

PA5956 **Danish lung function reference values for adults - the DALFUMAT study**
Jann Mortensen (København Ø, Denmark), Lars Kristensen, Mathias Munkholm, Birgitte Hanel, Jan Abrahamsen, Kirsten Sidenius, Ingrid Louise Titlestad, Ronald Dahl, Sofie Kryger, Flemming Madsen

PA5957 **PULMONARY DISEASE (PCOPD) IN TUNISIA: EXPLORATION AND RISK FACTORS**
Nadia BEN LAZREG (sousse, Tunisia), Ines Ghannouchi, Mariem Abdesselem, Nesrine Jeballah, Jihene Bouguila, Sonia Rouatbi

PA5958 **Normative values and reference equations for the Test of Incremental Respiratory Endurance in the Brazilian population**
Magno F Formiga (Fortaleza, CE, Brazil), Artur Solon Lima, Carol Alonso Gonzalez, Jennifer Wendy Teixeira Façanha, Roberta Catunda Costa, Andressa Rodrigues De Souza, Lawrence P. Cahalin

PA5959 **Alveolar volume and its relationship with carbon monoxide diffusion and forced vital capacity in post-covid 19 patients Colombia**
Julián Andrés Rivera Motta (Cali, Colombia), Lina Marcela Orozco Mejía, James Castillo Vergara, Manuelita Ascuntar Velásquez, Diana Carolina Zambrano Rios, Hugo Alejandro Carrillo

PA5960 **Relationship between distance-saturation product of the 6-minute walk test and respiratory and peripheral muscle strength in renal transplant patients**
Merve Firat (Kırşehir, Turkey), Ceyhun Topcuoglu, Aydan Aslı Aksel-Uylar, Melda Saglam, Arda Erdut, Tolga Yildirim, Naciye Vardar-Yagli

PA5961 **Assessing hidden airflow limitation in Non-Specific Pattern of lung function using the FEV1/SVC ratio**
Yosra Abdelhedi (tunis, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Chaima Briki, Saloua Ben Khamsa Jameleddine

PA5962 **Pulmonary function, respiratory muscle strength and functional capacity in patients with acute stroke, chronic stroke compared with a control group of healthy people**
Ceren Derya Gultekin (İstanbul, Turkey), Burcu Işıkcı, Berrak Varhan, Mouzhan Pazhouhan, Yasemin Buran Çırak

PS-28 Session 496 12:30 - 14:00

Poster session: Physiotherapy strategies for long-term management of lung cancer and COVID-19

Disease(s) : Thoracic oncology | Respiratory critical care | Interstitial lung diseases | Airway diseases | Sleep and breathing disorders

Method(s) : Pulmonary rehabilitation | Physiology | Public health | Surgery | Endoscopy and interventional pulmonology | Pulmonary function testing | General respiratory patient care

Chairs : Catherine Granger (Parkville (VIC), Australia)

PA5963 **Long-term impact of lung cancer treatment on quality of life**
Sarah Haesevoets (Diepenbeek, Belgium), Kirsten Quadflieg, Eva Arents, Fien Hermans, David Ruttens, Maarten Criel, Marc Daenen, Dieter Stevens, Veerle Surmont, Eric Derom, Martijn Spruit, Heleen Demeyer, Chris Burtin

PA5964 **RETOS: Personalized Intervention and Behavior Change in Physical Activity Among Lung Cancer Survivors: Pilot Study**
Jordi Vilaró Casamitjana (Barcelona, Spain), Mireia Daura Vidal, Laura Ros Soto, Guilherme Fregonezi, Jesús Brenes, Ernest Nadal, Paula Jakszyn

PA5965 **Effect of resilience on cancer-related symptoms during lung cancer diagnosis: when should educational programs begin?**
Alejandro Heredia Ciuró (Granada, Spain), Isabel Castillo Pérez, Paula Blasco Valls, Verónica Chacón Mcweeny, Vanessa Gabriela Jerviz Guía, Javier Martín Núñez, Marie Carmen Valenza

PA5966 **The effect of exercise on serum inflammatory biomarkers in lung cancer patients who had surgery: a systematic review of randomized controlled studies**
Gulse Ozer (Ankara, Turkey), Aynur Demirel

PA5967	**Patient experience of a home-based exercise and self-management program after lung cancer surgery: qualitative evaluation of a randomised clinical trial** Catherine Granger (Parkville (VIC), Australia), Georgina Whish-Wilson, Lara Edbrooke, Meinir Krishnasamy, Emma Visentin, Emma Kinnersly, Rachel Mitchell, Selina Parry
PA5968	**Empowering recovery: A co-designed intervention to transform care for patients with operable lung cancer** Selina M Parry (Parkville (VIC), Australia), Georgina A Whish-Wilson, Lara Edbrooke, Vinicius Cavalheri, Zoe T Calulo Rivera, Madeline Cavallaro, Daniel R Seller, Catherine L Granger
PA5969	**Absolute and relative intensity of physical activity in patients with resectable non-small cell lung cancer following surgery** Eva Arents (Knokke, Belgium), Haesevoets Sarah, Francesca Van Hulle, Maarten Criel, Karin Pat, Dieter Stevens, Veerle Surmont, Eric Derom, Bihiyjga Salhi, Lander Van Acker, Ingel Demedts, Chris Burtin, Heleen Demeyer
PA5970	**Evaluation of Dual-Task Performance and Respiratory Muscle Endurance in Patients with Lung Cancer.** Aslinur Çakir (Ankara, Turkey), Saadettin Kilickap, Naciye Vardar Yagli
PA5971	**Rehabilitation Needs of Long COVID Patients in British Columbia** Débora Melissa Petry Moecke (Vancouver, Canada), Pat Camp, Sonya Cressman, Evan Kwong, Jennifer Yao, Chiara Singh, Carolyn Taylor
PA5972	**Impaired mechanosensitivity in Long COVID haulers and its functional implications** Andrés Calvache Mateo (Granada, Spain), Alba Navas Otero, Julia Raya Benítez, Araceli Ortiz Rubio, Ángela Benítez Feliponi, Geraldine Valenza Peña, Carmen Valenza
PA5973	**Improving health status in COVID-19 long-hauler** Andrés Calvache Mateo (Granada, Spain), Alba Navas Otero, Julia Raya Benítez, Geraldine Valenza Peña, Irene Cabrera Martos, Irene Torres Sánchez, Carmen Valenza
PA5974	**Rehabilitation Capacity for Long COVID Care in British Columbia** Pat Camp (Vancouver (BC), Canada), Débora Melissa Petry Moecke, Sonya Cressman, Evan Kwong, Jennifer Yao, Chiara Singh, Carolyn Taylor
PA5975	**Inspiratory muscle training as a strategy to reduce frailty status and improve lung function in elderly individuals with long COVID: A pilot randomized clinical trial** Deivd Siqueira (Recife, Brazil), Helga Muniz De Souza, Daiara Xavier, Harrison Euller, Roberta Torres, Karen Galindo, Ragda Nascimento, Julia D'Arruda, José Carlos Nóbrega-Junior, Cyda Reynaux, Shirley Lima Campos, Daniella Cunha Brandão, Maria Das Graças Rodrigues Araújo, Diego Dantas, Armele Dornelas De Andrade
PA5976	**Association between one-minute sit-to-stand test and cardiorespiratory fitness in patients awaiting lung cancer surgery** Raquel Sebio Garcia (Barcelona, Spain), Kirsten Quadflieg, Yu Xiao Chen, Maria Jose Arguis, Elena Gimeno-Santos, Ricard Navarro-Ripoll, Edgar Iglesias-Garcia, Sara Rio, Graciela Martínez-Pallí
PA5977	**Carbon monoxide diffusion and its relationship with inspiratory capacity, total lung capacity and maximum respiratory pressures in post-covid 19 patients Colombia** Julián Andrés Rivera Motta (Cali, Colombia), Lina Marcela Orozco Mejía, James Castillo Vergara, Manuelita Ascuntar Velásquez, Diana Carolina Zambrano Rios, Hugo Alejandro Carrillo
PA5978	**Empowering pulmonary rehabilitation for next pandemic:quality of life of severe COVID-19 survivors four years after discharge.** Rebecca Farah (Rhode-Saint-Genèse, Belgium), Daniel De Backer, Rocio Rimachi, Milena Pavlova, Wim Groot
PA5979	**Understanding outcomes of virtual rehabilitation in long COVID: post-hoc analysis of a randomized controlled trial (RCT)** Kriti Agarwal (Montreal, Canada), Amanda Rizk, Marla Beauchamp, Bryan Ross, Jean Bourbeau, Andrea Benedetti, Catherine Tansey, Maria Sedeno, Laura Barreto, Pei Zhi Li, Rebecca Zucco, Julie Lopez, Emily Crowley, Julie Cloutier, Tania Janaudis-Ferreira
PA5980	**A preliminary study comparing the effectiveness of telerehabilitation and physical activity recommendations in post-covid fibrosis** Özge Ertan Harputlu (İstanbul, Turkey), Goksen Kuran Aslan, Buket Akinci, Gulfer Okumus
PA5981	**Thoracoabdominal kinematics, pulmonary function, and exercise tolerance in post-COVID-19 patients undergoing cardiopulmonary rehabilitation** Daiara Nunes (Recife, Brazil), Bruna Araújo, Bárbara Bernardo Figueirêdo, Carlos Nóbrega Júnior, Harrison Euller, Deivd Arruda, Roberta Torres, Karen Galindo, Ragda Nascimento, Eudson Monte, Helga Muniz, Helena Rocha, Diego Dantas, Maria Das Graças Rodrigues De Araújo, Cyda Reinaux, Shirley Campos, Daniella Cunha Brandão, Armele Dornelas De Andrade

PA5982 **The effects of high-intensity interval exercise training on oxygen consumption, muscle oxygenation, and quality of life in patients with post-COVID-19 with pulmonary involvement**
Ece Baytok (Ankara, Turkey), Meral Boşnak Güçlü, Başak Kavalcı Kol, Nilgün Yılmaz Demirci

PS-29 Session 497 12:30 - 14:00

Poster session: Clinical perspectives on bronchiectasis severity and comorbidities

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Physiology Pulmonary rehabilitation Public health Imaging Cell and molecular biology

Chairs : Charles Haworth (Cambridge, United Kingdom), Chair to be confirmed

PA5983 **Do FACED and BSI perform well in predicting long-term oxygen therapy in patients with bronchiectasis?**
Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Hend Ouertani, Emna Ben Jemia, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar

PA5984 **Anxiety, depression and bronchiectasis severity index scores in patients with non-cystic fibrosis bronchiectasis**
Matthew Brunige (Newcastle upon Tyne, United Kingdom), Henil Upadhyay, Biben Benny, Anthony De Soyza

PA5985 **Analysis of the phenotypes of cystic nonfibrosis bronchiectasis and their impact on clinical practice**
María Guadalupe Hurtado Gañan (Sevilla, Spain), Carlos Sanchez Villar, Talia Maria Garcia Guerrero, Rut Ayerbe Garcia, Agustin Valido Morales, Virginia Almadana Pacheco

PA5986 **Relationship between inflammation and heart rate recovery after exercise in people with bronchiectasis**
Juan Antonio Sáez-pérez (Zaragoza (Aragon), Spain), Ane Arbillaga-Etxarri, Victoria Alcaraz-Serrano, Elena Gimeno-Santos, Yasmina Hamam-Alcober, Antoni Torres, Lidia Perea, Rosa Faner, Oriol Sibila, Beatriz Herrero Cortina

PA5987 **Bronchiectasis and immunosuppression: a single-center analysis.**
Lorenzo Arlando (Pavia, Italy), Maria Arminio, Francesco Rocco Bertuccio, Valentina Conio, Angelo Guido Corsico, Emanuela De Stefano, Elisabetta Gallo, Ilaria Giana, Simone Montini, Klodjana Mucaj, Lucrezia Pisanu, Marianna Russo, Mitela Tafa, Giulia Maria Stella

PA5988 **Exploring the overlapping burden of alpha-1 antitrypsin deficiency and bronchiectasis: insights from the US BRR**
Radmila Choate (Lexington, United States), Amanda Brunton, Timothy Aksamit, Charles Daley, Leigh Anne Daniels, Nicole Lapinel, Shelby Macrae, Diego Maselli, Pamela Mcshane, Mark Metersky, Christopher Richards, Pramod Gaikwad, Kevin Winthrop, Alan Barker

PA5989 **Is multimorbidity a clinical predictor of poor outcomes in bronchiectasis?:A BronchUK registry analysis**
Tony De Soyza (Newcastle-upon-Tyne, United Kingdom), Rebecca Watson, Phil Mawson, Tom Shield, Martin Kelly, Stuart Elborn, Adam T Hill, Tim Gatheral, Anita Sullivan, Charles Haworth, John R Hurst, Jeremy Brown, Mary Carroll, Michael Loebinger, Judy Bradley, Paul P Walker, John Steer, Jamie Duckers, James Chalmers, Richard Mcnally, Henil Upadhyay

PA5990 **Risk factors for hemoptysis in non-cystic fibrosis bronchiectasis: the BEE case-control study**
Salvatore Battaglia (Palermo (PA), Italy), Maria Fulvia Di Grado, Stefania Marino, Martina Lo Casto, Pietro Ingrao, Giuseppina Angileri, Anna Lo Pilato, Nicola Scichilone

PA5991 **Rhinosinusitis with nasal polyposis is a clinical predictor of type 2 inflammation in bronchiectasis: an EMBARC registry analysis**
Michal Shteinberg (Haifa, Israel), Charles Haworth, Jennifer Polliock, Shai Cohen, Michael Loebinger, Jenny Jrbashian, Katerina Dimakou, Nizar Abo-Heo, Stefano Aliberti, Nili Stein, Felix Ringshausen, Yochai Adir, Anthony De Soyza, Montserrat Vendrell, Pierre-Regis Burgel, Oriol Sibila, Apostolos Bossios, Holly Lind, Kateryna Viligorska, Kara Robertson, Paula Kauppi, Branislava Milenkovic, Rosario Menendez, Oxana Munteanu, Dusanka Obradovic, Adam Nowinski, Adelina Amorim, Antoni Torres, Natalie Lorent, Eva Van Braeckel, Muhammad Anwar, Salvatore Battalglia, Amelia Showmark, Wim Boersma, Pieter Goeminne, Francesco Blasi, Eva Polverino, James Chalmers

PA5992 **Prognostic assessment in bronchiectasis: the impact of comorbidities using the Charlson index**
Maria Enedina Aquino Scuarcialupi (João Pessoa (PB), Brazil), SUYANE ALVES DE QUEIROGA VILAR, Mariana Campelo Bezerra Cavalcanti

PA5993 **Clinical significance of eosinophilic bronchiectasis in a multi-ethnic Asian cohort**
Chloe Lim (Singapore, Singapore), Wesley Teck Wee Loo, Mariko Siyue Koh, Ken Cheah Hooi Lee, Timothy Weiquan Toh

PA5994 **Bronchiectasis severity index: Prognostic performance in predicting mortality**
Haifa Zaibi (Tunis, Tunisia), Sara Trimech, Hend Ouertani, Emna Ben Jemia, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar

PA5995	**Predictors of Cardiovascular events in patients with bronchiectasis: A single centre EMBARC analysis** Jaa Ming (Ben) New (Dundee, United Kingdom), Jamie Stobo, Holly Lind, Kateryna Viligorska, Emma Johnson, Kara Robertson, Stefano Aliberti, Amelia Shoemark, Faisel Khan, James D Chalmers
PA5996	**Non-cystic fibrosis bronchiectasis (NCFB): correlation between symptoms, pulmonary function, and exacerbations in outpatients during one year of follow-up** Martina Meocci (Siena, Italy), Giuseppina Ciarleglio, Elena Bargagli
PA5997	**Assessment of non-cystic fibrosis bronchiectasis severity: The FACED Score vs the Bronchiectasis Severity Index** Soumaya Debiche (Le Kram, Tunisia), Hela Cherif, Mehdi Charfi, Bachta Tayssir, Kefi Rihab, Salma Mokaddem, Yangui Ferdaous, Charfi Mohamed Ridha
PA5998	**Drug response assessment trials for inhaled hypertonic saline in patients with bronchiectasis: Analysis of data from the CLEAR trial** Rebecca H. McLeese (Belfast, United Kingdom), Judy M. Bradley, Danny Mcauley, Mike Clarke, Andrew Jackson, Kathryn Ferguson, Ryan Mcchrystal, Anthony De Soyza, James D. Chalmers, J. Stuart Elborn, Brenda O'Neill
PA5999	**Bronchiectasis severity scores (FACED and BSI) and systemic inflammation: is there any correlation?** Sara Trimech (Monastir, Tunisia), Haifa Zaibi, Emna Ben Jemia, Hend Ouertani, Asma Jarrar, Ameni Naaroura, Jihen Ben Amar
PA6000	**Late Breaking Abstract - Lipid nanoparticle-mediated delivery of miRNA-302 mimics for enhancing host recovery from pneumonia caused by Klebsiella pneumoniae** YUZHEN XU (Shanghai, China), Xinyun Zhang, Ying Yang, Lingyun Shao, Hao Shen
PA6001	**Morbidity in patients with NCFBE and exacerbations in the THIN France database** Pierre-Régis Burgel (Paris, France), Marlène Murris, Bernard Maitre, François-Xavier Blanc, Marko Obradovic, Deval Gor, Joseph Feliciano, Idir Ghout, Caroline Eteve-Pitsaer, Charlotte Renaudat
PA6002	**Morbidity in patients with NCFBE and exacerbations in the THIN UK database** Michael Loebinger (London, United Kingdom), Jennifer Quint, Marko Obradovic, Deval Gor, Joseph Feliciano, Idir Ghout, Dionisio Acosta-Mena, Alexia Callet, Charlotte Renaudat

PS-3 Session 498 12:30 - 14:00

Poster session: Systemic manifestations of chronic lung disease and integrated care

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Palliative care | Public health | Pulmonary function testing | Respiratory intensive care

Chairs : Sarah Houben-Wilke (Horn, Netherlands), Ingeborg Farver-Vestergaard (Vejle, Denmark)

PA6003	**An insight into the mental health and quality of life of people living with chronic lung conditions** Victor Gascon Moreno (Wien, Austria), Mark Luttmann, Melissa Zarb, Tina Mesarič, Snezana Sundic-Vardic, Oksana Kulish Skåra, Ruth Tal- Singer, Vidlana Mujkić
PA6004	**The mind-body struggle in COPD: unveiling the psychological and functional impact of disease progression** Camelia Pescaru (Timisoara (Timis), Romania), Alexandru Florian Crisan, Adelina Maritescu, Emil Robert Stoicescu, Vlad Carunta, Cristian Oancea
PA6005	**Prevalence and associated factors of social frailty in patients with chronic respiratory disease: a prospective cross-sectional study** Kazuya Shingai (Kitakyushu, Japan), Yo Uema, Tomoyuki Ikeuchi, Ryo Kozu, Katsuyuki Ichiki, Takeo Jimi, Tetsuya Kawano, Kaori Kato, Tohru Tsuda
PA6006	**Effectiveness of adherence to home non-invasive ventilation (NIV) upon hospitalisation rate and mortality in COPD patients with chronic hypercapnic respiratory failure: A structured literature review.** Osama Alomari (Dammam, Saudi Arabia), Kathryn Sharp
PA6007	**Effectiveness of relaxation techniques on psychological well-being among COPD patients** Velraj Ravichandran (Salem (Tamil Nadu), India), Karthi Velraj
PA6008	**Prevalence of Type D personality in COPD patients and its impact on mental health and physical health status** Velraj Ravichandran (Salem (Tamil Nadu), India), Karthi Velraj
PA6009	**Palliative care needs of patients with end-stage COPD and their informal caregivers** Kira Schmidt-Stiedenroth (Düsseldorf, Germany), Julia Salandi, Alexandra Schmidt, Balam Er Dedekarginoglu, Stefanie Paniczek, Manuela Schallenburger, Anette Scholz, Jacqueline Schwartz, Katrhin Fricke, Stefanie Keymel, Achim Mortsiefer, Martin Neukirchen, Adrian Loerbroks

PA6010 **Patterns of long-term domiciliary high-flow nasal therapy use in Italy: a retrospective observational cohort study (HOME-HFT study)**
Santa Valentina Liuzzo (Catania, Italy), Gianluca Tinnirello, Raffaele Campisi, Santi Nolasco, Giuseppe Fiorentino, Carlo Santoriello, Luca Bianchi, Antonio Starace, Vincenzo Patruno, Mauro Maniscalco, Andrea Vianello, Antonella Spacone, Alessio Mattei, Lara Pisani, Annalisa Carlucci, Stefania Bolletti, Ernesto Crisafulli, Claudia Crimi

PA6011 **Association between wellness centers and stress, anxiety, and depression in asthmatic patients: a cross-sectional analysis study**
Wei Song (Changchun City, China)

PA6012 **Impact of severity of Asthma and asthma control on health related quality of life in adult population.**
Tehreem Ahmad (Karachi, Pakistan), Natasha Billia, Ansharah Khan

PA6013 **Improvement in Inhaler Technique of Patients with COPD (Chronic Obstructive Pulmonary Disease) in a Nurse Clinic of a Public Hospital in Hong Kong**
Shu Wah Ng (Hong Kong, Hong Kong), Chi Keung Lam, Ming Wah Choi, Pui Fan Chan, Wai Yi Tsang, Pik Shan Cheung

PA6014 **Optimizing referral pathways: effective multidisciplinary assessment and specialist referral in severe asthma care.**
Denise Kelder (Den Bosch, Netherlands), Yasemin Türk, Rolf Wolters, Marieke Drijver-Messelink, Jasper Kappen, Karin Fieten

PA6015 **May Sleep Apnoea Syndrome Impact the Result of Cardiac Rehabilitation in Heart Failure Patients?**
Rahma KALLEL (Gabes, Tunisia), Rahma KALLEL, Elmehdi Kharrat, Anis Werghemmi, Fares Kerkeni, Faten Dhouib, Bechir Dede, Oumaima Agouni, Hamida Kwas, Hichem Denguir

PA6016 **Relationships between generalised anxiety and dyspnoea-related emotions in individuals with breathlessness**
Charlotte Leonard (Northampton, United Kingdom), Sophie Elsoueidi, Gillian Doe, Rachael A Evans, Sally J Singh, Enya Daynes

PA6017 **Effect of comorbidities on COPD exacerbations and mortality – a Finnish register study**
Anni Honkanen (Kerava, Finland), Tiina Mattila, Miika Linna, Miia Aro, Minna Matikainen, Tuula Vasankari

PA6018 **Patient satisfaction with community-based integrated Asthma and COPD care in Ireland.**
Jack McCarthy (Dub;in, Ireland), Helen O'Brien, Patricia Davis, Patricia Whyte, Geraldine Nolan, Sarah Kelly, Maedbh Ni Cleirigh, Ushalal Gopika, Muthuraman Krishnamoorthy, Declan Moran, Rachel Anglin, Joyce O'Hara, Alessandro Franciosi

PA6019 **Palliative care knowledge of people with chronic respiratory diseases - a cross-sectional study**
Maria Aurora Pinto Mendes (Penafiel, Portugal), Ana Rita Pereira, Pedro Viegas, Joana Gomes, Tânia Pinho, Raquel Vilar Marinho, Daisy J. A. Janssen, Alda Marques

PA6020 **FlexO2: A Patient-Centric Oxygen Regulator Improving Autonomy and Daily Function in Long-Term Oxygen Therapy**
Michael Runold (Stockholm, Sweden), Ingegerd Karlsson, Magda Borén

PA6021 **EU PAL-COPD: Integrating palliative care in treatment for advanced COPD across Europe**
Michelle van der Meer (Brussels, Belgium), Frederick Daenen, Julie Stevens, Kim Beernaert, Nancy Preston, Paul Marsden, Sandra Martins Pereira, Anne Wichmann, Nanna Maria Hammer, Agnes Csikós, Els Verschuur, Peter May, Valérie Vaccaro, Patricia White, Polina Starchenko, Luc Deliens, Koen Pardon

PA6022 **Mental health, quality of life and satisfaction with healthcare needs among families of technology-dependent children; the Greek experience**
Elisavet- Anna Chrysochoou (Thessaloniki, Greece), Eleni Verani, Petrina Vantsi, Fotis Kirvassilis, Maria Galogavrou, Athina Sopiadou, Kostas Moisidis, Vasilis Liakos, Eleftherios Thireos, John Tsanakas, Elpis Hatziagorou

PS-30 Session 499 12:30 - 14:00

Poster session: Hot off the press: late breaking respiratory research

Disease(s) : Airway diseases | Sleep and breathing disorders | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Cell and molecular biology | Epidemiology | Physiology | General respiratory patient care | Imaging | Pulmonary function testing

PA6023 **RCT Abstract - ARNASA: A Phase III randomised, double-blind, placebo-controlled trial of astegolimab for COPD with frequent exacerbations**
Alberto Papi (Cona, Ferrara, Italy), Jadwiga A. Wedzicha, Nicolas Roche, Meilan K. Han, Surya P. Bhatt, Yoko Shibata, Ting Yang, Konstantinos Porpodis, Jacob Devine, Wenhui Zhang, Oliver Gordon, Rebecca Saenz, Xiaoying Yang, Divya Mohan, Claus F. Vogelmeier, Christopher E. Brightling

PA6024	**Late Breaking Abstract - Multimodal deep learning in COPD diagnosis: a comprehensive evaluation of cough acoustics and clinical symptom integration** Si Chen (Shanghai, China), Qian Wang, Jun Zhou, Jingwen Huang, Qian Wang, Junhai Yan, Huifang Cao, Ling Huang, Wenyu Zhu, Jiaxuan Mao, Yang Liu, Zhaoyang Bu, Mo Yang, Yi Zhou, Ethan Fan, Leanne Tong, Xianwen Sun, Dongxing Zhao, Ping Wang, Min Zhou, Jieming Qu
PA6025	**Late Breaking Abstract - A randomised controlled trial evaluating a smartphone app self-management programme on clinical outcomes for adults with chronic obstructive pulmonary disease** Lisa Glynn (Kildare (Co. Kildare), Ireland), Eddie Moloney, Stephen Lane, Emma Mc Nally, Carol Buckley, Margaret Mc Cann, Catherine Mc Cabe
PA6026	**Late Breaking Abstract - Role of anti-PD-1 autoantibody in COPD** Zhangfu Fang (Guangzhou (Guangdong), China), Jiaxing Xie, Huimin Lin, Fang Yi, Yu Fu, Yuan Ji, Rongchang Chen, Nanshan Zhong, Damo Xu
PA6027	**Late Breaking Abstract - AI-guided biparatopic TSLP nanobody based TSLP/IL-4Rα and TSLP/ST2 bispecific antibodies for chronic respiratory diseases** Yakun Wan (Shanghai, China), Min Zhu, Junwei Gai, Yuhao Hu, Yuping Huang, Weiwei Ji
PA6028	**Late Breaking Abstract - Immune Training of the IL6 Gene in Airway Epithelial Cells is Central to Asthma Exacerbations** Lars Lunding (Borstel, Germany), Markus Weckmann, Ulrich Zissler, Constanze Jakwerth, Rebecca Bodenstein-Sgró, Sina Webering, Christina Vock, Johanna Dippe, Romina Fernandez Ceballos, Sai Sneha Priya Nemani, Karosham Diren Reddy, Brian George Oliver, Cornelis Vermeulen, Maarten Van De Berge, Carol Ober, Axel Künstner, Hauke Busch, Inke König, Christoph Garbers, Carsten Schmidt-Weber, Marcel Nold, Ali Öender Yildirim, Claudia Nold-Petry, Zane Orinska, Thomas Bahmer, Jan Heyckendorf, Gesine Hansen, Erika Von Mutius, Klaus Rabe, Anna-Maria Dittrich, Bianca Schaub, Folke Brinkmann, Matthias Kopp, Michael Wegmann
PA6029	**Late Breaking Abstract - How to Diagnose and Stage the Progression from Asthma to EGPA** QingLing Zhang (Guangzhou, China), Chenyang Lu, Changxing Ou, Yuwen Ma, Yu Deng, Na Li, Jinxi Luo, Lu Peng, Yongkang Liao, Jiaxuan Zhou, Junjie Wen, Mingkai Huang, Bocai Zhang, Dandan Chen, Enli Zhang, Kian Fan Chung, Zhenan Deng
PA6030	**Late Breaking Abstract - Enhanced PAP adherence using cMAP® for sleep apnea therapy vs. APAP: A preliminary 3-month analysis** Hamed Hanafi (Halifax (NS), Canada), Matthew Hickey, Kazi Antor Hasan, Najmeh Sadatnejad, Guillermo Aristi, Meagan Sinclair, Gregory Begin, Megan Neil, Sarah Henley, Steve Driscoll, Scott Lowe, Ingo Fietze, Thomas Penzel, Reena Mehra, Yuksel Peker, Sanja Jelic, Debra Morrison
PA6031	**Late Breaking Abstract - Changes to pharyngeal soft tissue and fat volumes following tirzepatide treatment in SURMOUNT-OSA** Richard Schwab (Philadelphia, United States), Atul Malhotra, Ronald Grunstein, Andrew Wiemken, Sujatro Chakladar, Beverly Falcon, Josef Bednarik
PA6032	**Late Breaking Abstract - Tirzepatide and Nocturnal Hypoxia (T90): SURMOUNT-OSA post hoc analyses** Ingo Fietze (Berlin, Germany), Cathy Xie, Jo Bednarik, Beverly Falcon, Eva Lau
PA6033	**Late Breaking Abstract - Voxel-based morphometric correlates of nocturnal hypoxic burden in older adults with obstructive sleep apnea: evidence for brain structural changes** Nasreen Akhtar (New Delhi, India), Deepanshu Vats, Jidin Joy, Akansha Singh, Rishabh Soni, Senthil Kumaran, Leve Joseph Ds
PA6035	**Late Breaking Abstract - A single-cell atlas of the human PAH lung identifies ITGA9 as a candidate regulator of fibroblast activation and vascular remodeling** Jason Hong (La Crescenta, United States), Adam Brownstein, Brenda Wong, Tammy Graves, Micheala Aldred, Zhiyu Dai, Xia Yang, Mansoureh Eghbali
PA6036	**Late Breaking Abstract - Alterations in fecal virome and bacteriome-virome interplay in PAH** Yaona Bing (beijing, China), Wen Yuan, Jifeng Li, Yihang Chen, Xuyan Li, Lan Wang, Zhaohui Tong, Xiaoyan Liu
PA6037	**Late Breaking Abstract - Exploring the Screening Potential of Open-Source Large Language Models for Interstitial Lung Abnormalities in Chest HRCT Reports** Ruizhi WANG (ChengDu, China), Ying Wei, Min Zhu, Feng Shi, Fengming Luo
PA6038	**Late Breaking Abstract - Using [68Ga]-FAPi PET imaging to identify early signals of progressive fibrosing lung disease** Phil Molyneaux (London, United Kingdom), Leda Yazbeck, Joselle Ntumba, Francois-Xavier Ble, Jan Passchier, James Myers, Kristoffer Ostridge, David Rowlands, Thomas Bonasera, Bernadette Gochuico, Frans Van Den Berg, Hui Wang, Caroline Owen, Sarah Sherlock

PA6039	**Late Breaking Abstract - Changing Etiology of Community-Acquired Pneumonia in Europe from 2020 until 2025** Dian Karssen (Alkmaar, Netherlands), Lisa M. Hessels, Jesús Rodriguez-Baño, Grit Barten-Neiner, Francesco Blasi, James D. Chalmers, Sandra Franch-Arroyo, Bruno François, Sebastiaan Hullegie, Rianne Jahja, Kelly D. Johnson, Craig S. Roberts, Madelyn Ruggieri, Todd D. Swarthout, Thomas Weiss, Cornelis H. Van Werkhoven, Marc J.M. Bonten, Cristina Prat-Aymerich
PA6040	**Late Breaking Abstract - Acceleration of decline in ribosome biogenesis underlies aging-Like symptoms following COVID-19: Multi-Omics investigations and construction of aging clock (RiboAge)** Zhenbei Qian (Beijing, China), Lujia Guan, Jieqiong Li, Zhaohui Tong
PA6041	**Late Breaking Abstract - 3D visualization of the human lung lymphatic network using optical clearing and light sheet Microscopy** Birger Tielemans (Leuven, Belgium), Lander De Herdt, Selina Scheer, Theresa Urban, Laurens Ceulemenas, Robin Vos, Bart Vanaudenaerde, Pieter Vanden Berghe, Mark Kuehnel, Stijn Verleden, Max Ackermann, Danny Jonigk

PS-31 Session 500 12:30 - 14:00

Poster session: Lung cancer screening: trying to optimise the next step

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : Public health Imaging General respiratory patient care Epidemiology Endoscopy and interventional pulmonology Surgery

Chairs : Georgia Hardavella (Athens, Greece), Chair to be confirmed

PA6042	**Pilot Lung Cancer Screening Program and "Lung Health Check" in Lleida: Preliminary Results** Anna Sánchez Cucó (Lleida, Spain), Sally Santisteve, Anna Vila-Fornells, Aida Monge, Carlos Manzano, Esther Gracia, Nerea Ramírez-Seco, María Zuil, Marcela Suárez, Núria Forns, Carlota Regany, Sònia Gatius, Carlos Alberto Rambolá, Marina Pardina, Virginia García, Jose David González, Cora Andrea Sampedro, Mario Montesinos, Juan Diego Aviles, Alberto Rodrigo, David F Yankelevitz, Claudia I Henschke, Ferran Barbé, Jessica González
PA6043	**Lung cancer population at the Juan Ramón Jiménez Hospital in Huelva description: would they be included in a potential screening?** Carla Romero Sayago (Sevilla, Spain), Ana Rodríguez Cabrera, Javier Romero Lopez, Myriam Gandulfo Lara, Jaime Domínguez Caro, Gloria Toledo Muñoz-Cobo
PA6044	**Lung cancers diagnosed in screening eligible patients outside of program** Aparna Natarajan Iyer (plymouth, United Kingdom), Owen Mole, Kirsten Leslie, Cyrus Daneshvar
PA6045	**A service evaluation of the Targeted Lung Health Check (TLHC) screening programme in a major English city.** Shreyaa Ramadore (Southampton, United Kingdom), Daniel Offen, Bradley Yee, Edwin Woo, Aiman Alzetani
PA6046	**The Reverse Trend in Lung Cancer Stages at Diagnosis: A Comparison of a Lung Cancer Screening Pilot Program and Usual Care in Lleida.** Marcela Suarez (lleida, Spain), Sally Santisteve, Anna Vila, Carlos Manzano, Esther Gracia, Maria Zuil, Nerea Ramírez, Anna Sánchez, Sonia Gatius, Marina Pardina, Carlos Rombolá, Cora Sampedro, Mario Montesinos, Juan Diego Avilés, Virginia Garcia, Ferran Barbé, Jessica González
PA6047	**Lung cancer screening programmes: Not "one size fits all". The need for personalized approach** Danai Bisirtzoglou (Athens, Greece), Efthalia Gioxari, Ira Mihailidou, Gerasimos Ardavanis, Athanasios Zetos, Vasiliki Petta, Emmanouil Verigos, Georgia Hardavella
PA6048	**Thorax CT scanning in a population without considering the presence of lung cancer risk factor status: does it contribute to the early diagnosis of lung cancer?** Ayşegül Gencer (Istanbul, Turkey), Buket Caliskaner Ozturk, Gizem Senkardesler, Ersan Atahan, Bilun Gemicioglu, Sermin Borekci
PA6049	**Malignant subsolid nodules comparison in clinical T1 stage NSCLC** Gal Rojc (Ljubljana, Slovenia), Aleš Rozman
PA6050	**A single centre retrospective review of lung cancer demographics and stage at diagnosis** Elspeth Carruthers (London, United Kingdom), Sarah Ahmed, Alex Birly, Alan Shaw
PA6051	**Low-dose computed tomography for lung cancer screening in northern India** Anant Mohan (New Delhi (Delhi), India), Ayush Goel, Ashu Seith, Oshin Bhatia, Maroof Khan, Karan Madan, Vijay Hadda, Saurabh Mittal, Pawan Tiwari, Tejas Suri
PA6052	**Lung Cancer Risk Prediction Based on Blood-Tests and Machine Learning Model** Dekel Shlomi (Tel-Aviv, Israel), Lihi Schwartz, Naor Matania, Matanel Levi, Shiri Kushnir, Noga Yosef, Assaf Hoogie, Teddy Lazebnik4

PA6053 **Automatic detection and reporting of chest CT findings based on AI**
Jitender Singh (Bengaluru, India), Shweta Tyagi, Mohammed Moosa Jabeer, Anuj Chandalia

PA6054 **Risk of major cardiovascular events in adults with coronary artery calcification identified in lung cancer screening**
Tanya Patrick (London, United Kingdom), Amyn Bhamani, John Mccabe, Ruth Prendecki, Priyam Verghese, Andrew Creamer, Chuen Ryan Khaw, Monica Mullin, Helen Hall, Jennifer Dickson, Carolyn Horst, Sophie Tisi, Sindhu Bhaarrati Naidu, Kylie Gyertson, Anne-Marie Hacker, Laura Farrelly, Aroon Hingorani, Riyaz Patel, Joseph Jacob, Allan Hackshaw, Arjun Nair, John R Hurst, Sam M Janes

PA6055 **Optimizing early lung cancer detection in Switzerland: Preliminary insights from the Vaud Lung Cancer Screening Pilot Project**
Cédric Bongard (Lausanne, Switzerland), Aicha Cobuccio, Maïmouna Faucher, Marie Lugon, Cynthia Schneider, Kevin Selby, David Rotzinger, Chiara Pozzessere, Christophe Von Garnier

PA6056 **Evidence-based messaging connects patients to lung screenings**
Kelly Flynn (Philadelphia, United States), Lauren Kogen, Stefanie Murphy

PA6057 **Mobile Low-Dose CT Lung Cancer Screening in Poland– a pilot implementation study**
Joanna Moes-Sosnowska (Warsaw, Poland), Mariusz Adamek, Michal Szczyrek, Tomasz Prystupa, Aleksandra Wilk, Janusz Milanowski, Tadeusz Orlowski, Joanna Chorostowska-Wynimko

PA6058 **First-time targeted population screening for lung cancer in Greece – results of the SOLACE project**
Iris-Theodora Vlachantoni (Athens, Greece), Konstantinos Karagiannis, Kyriaki Tavernaraki, Androniki Kozana, Eirini Lampiri, Lamprini Stournara, Ilianna Tsetsou, Mina Gaga

PA6059 **The pilot project of lung cancer screening: first data on positive cases**
Mikuláš Skála (Hradec Králové, Czech Republic), Michal Jiroušek, Michal Hrnčiarik, Eva Kočová, Martin Hyršl, Vladimír Koblížek

PA6060 **Proposed criteria for lung cancer screening eligibility in Australia are restrictive and will fail to detect many lung cancer cases**
Matthew Peters (Concord, Australia), Abby Fyfe, Tajalli Saghaie, Jonathan Williamson, Alvin Ing, Lucy Morgan

PS-32 Session 501 12:30 - 14:00

Poster session: Precision medicine in lung cancer, novel therapies and toxicity management

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Endoscopy and interventional pulmonology Imaging Palliative care Pulmonary function testing Surgery

Chairs : Andriani Charpidou (Athens, Greece), Chair to be confirmed

PA6061 **Impact of subsequent treatment on clinical outcomes in patients with EGFR-mutant non-small cell lung cancer transformed to small-cell lung cancer**
Yu-Feng Wei (Kaohsiung City, Taiwan), Ching-Yi Chen, Cheng-Yu Chang, Chung-Yu Chen, Shih-Chieh Chang, Po-Wei Hu, Yu-Chi Chiu, How-Wen Ko

PA6062 **Interim Analysis of pulmonary tolerability from the multicenter ROSE Study: Radiation during Osimertinib Treatment Safety and Efficacy Cohort**
Amanda Tufman (München, Germany), Farkhad Manapov, Wolfgang Brückl, Eva Lotte Buchmeier, Maximilian Rost, Karsten Schulmann, Nikolaj Frost, Christian Schulz, Jens Kern, Harald Löffler, Thomas Wehler, Lukas Käsmann, Chukwuka Eze, Sophie Worthmann, Rudolf Huber, Diego Kauffmann-Guerrero

PA6063 **Comparison of BALF cellular pattern in immune checkpoint inhibitor-related pneumonitis versus radiation induced-pneumonitis (RP)**
Dagmar Duesterhoeft (Freiburg im Breisgau, Germany), Andreas Hoheisel, Björn C Frye, Gernot Zissel, Wolfram Meschede, Johannes Um Ortmann, Johannes Warzelhan, Eleni Papakonstantinou, Daiana Stolz

PA6064 **Real-World Cardiovascular Risk Comparison of First-Line Osimertinib and Earlier Generation EGFR-TKIs in EGFR-Mutated NSCLC: A TriNetX USA Network Analysis**
Wen-Chien Cheng (Taichung, Taiwan), Chih-Yen Tu, Te-Chun Hsia, Jing-Yang Huang, James Cheng-Chung Wei

PA6065 **Second-line treatments in EGFR-mutated metastatic non-small-cell lung cancer (NSCLC) beyond osimertinib**
Paul Lajoinie (, France), Marie Wislez, Pauline Du Rusquec, Valérie Gounant, Christos Chouaid, Élizabeth Fabre, Etienne Giroux-Leprieur, Jacques Cadranel, Camille Mehlman

PA6066 **Clinical and radiological characteristics of ROS1-Positive and ALK-Positive non-small cell lung cancer: a retrospective analysis**
Mariana Cascais (Porto, Portugal), Inês Carvalho, Mara Sousa, Adriana Magalhães, Cláudia Freitas, David Araújo, Helder Novais E Bastos, Luís Cirnes, Catarina Sousa, Gabriela Fernandes

PA6067	**Treatment patterns and outcomes in HER2-mutated non-small cell lung cancer: a retrospective analysis** Mariana Cascais (Porto, Portugal), Adriana Magalhães, Claúdia Freitas, David Araújo, Helder Novais E Bastos, Luís Cirnes, Catarina Sousa, Gabriela Fernandes
PA6068	**Impact of Immune Checkpoint Inhibitor-related Interstitial Lung Disease on Overall and Progression-Free Survival in Non-Small Cell Lung Cancer Patients Treated with Immunotherapy** Alice Carrette (Brussels, Belgium), Zita Mekinda, Moreau Michel, Berghmans Thierry
PA6069	**Repotrectinib in ROS1 Fusion-Positive Non- Small-Cell Lung Cancer: A Systematic Review and Meta-Analysis** Mohammedbaqer Ghuraibawi (Karbala, Iraq), Hashim Talib Hashim
PA6070	**Machine learning to support treatment modality selection in early-stage lung cancer** fatemeh farajpourlar (leuven, Belgium), Olivier Van Kerkhove, Christophe Dooms, Wim Janssens, Kenneth Verstraete
PA6071	**Immune checkpoint inhibitor-related pneumonitis in lung cancer patients: a retrospective analysis of severity and outcomes** Giacomo Guglielmi (Livorno, Italy), Iacopo Petrini, Andrea Sbrana, Davide Chimera, Laura Tavanti, Francesco Pistelli, Laura Carrozzi, Guido Marchi
PA6072	**Multi-molecular markers in lung adenocarcinoma: Novel predictive value of NPC2, PLOD2, and ALCAM expression** Yuanjie Li (Chengdu, China), Yuan Wang, Yaoxi Chen, Zhixin Qiu
PA6073	**Predictive factors for immune related interstitial lung disease and survival outcomes in lung cancer** Inês Maria Brito Gonçalves (Arcos De Valdevez, Portugal), Isabel Fontoura Pascoal, Maria Raquel Araújo Pereira, Maria Joana Pereira Catarata
PA6074	**Influence of emphysema on Tregs, lymphocytes, molecules CTLA-4 and PD-1 in patients with lung cancer and co-existence of COPD.** Robert Uliński (Warsaw, Poland), Joanna Domagala-Kulawik, Anna Trojnar, Iwona Kwiecień
PA6075	**Novel functionally conserved oncogene COA4 was driven by KRAS and involved in LUAD metastasis** xingzhao ji (jinan, China), Yi Liu, Jian Sun, Qiang Wan
PA6076	**Sex-Specific Differences in Tumor Cell Number and Activation in Metastatic Lymph Nodes of Lung Cancer** Iwona Kwiecień (Warszawa, Poland), Agata Raniszewska, Elżbieta Rutkowska, Rafał Sokołowski, Joanna Bednarek, Joanna Domagała-Kulawik, Karina Jahnz-Różyk, Piotr Rzepecki
PA6077	**Human Lung Macrophages and Circulating Monocytes Might Contribute to Bacterial Infection Susceptibility and Prognosis of Lung Cancer Patients** Francesco Palestra (Napoli, Italy), Gina Memoli, Noemi Maria Giorgiano, Leonardo Cristinziano, Remo Poto, Anne Lise Ferrara, Gilda Varricchi, Gianni Marone, Alfonso Fiorelli, Stefania Loffredo
PA6078	**Up-regulating methylation of CAP1 promoter can promote apoptosis and inhibit migration and invasion of lung adenocarcinoma cells** Yunlu Gu (Shanghai, China), Shuanshuan Xie, Changhui Wang
PA6079	**Diagnosis, treatment and outcomes of ALK-positive NSCLC: real-world data analysis** Joana Catarina Neto Lourenço (Porto, Portugal), Adelaide Alves, Ana Fonseca, Eloisa Silva, Daniel Coutinho, Margarida Dias, Luís Cirnes, José Carlos Machado, Ana Barroso
PA6080	**Nicotine dependence in patients with advanced-stage lung cancer** Chaima Habouria (Manouba, Tunisia), Warda Jelassi, Imen Bechouch, Nidhal Belloumi, Maroua Bougacha, Fatma Chermiti, Sorraya Fenniche

PS-33 Session 502 12:30 - 14:00

Poster session: Translational science in interstitial lung disease 2

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Imaging Physiology Pulmonary function testing

Tag(s) : Translational

Chairs : Chair to be confirmed

PA6081	**Macrophage Fra-2 Promotes Pulmonary Inflammation and Fibrosis in a Mouse Model of Pulmonary Interstitial Fibrosis** Yun Liu (Xi'an, China), Shuping zheng
PA6082	**Inhibition of ogg1 – a novel strategy for treating pulmonary fibrosis OXC-201 reduces inflammation and fibrosis, leading to improved lung function in mice** Sandra Ekstedt (Stockholm, Sweden), Therese Pham, Mikael Adner, Ulrika Warpman Berglund, Christina Kalderén

PA6083	**The novel autotaxin inhibitor, 2-carba cyclic phosphatidic acid ameliorates bleomycin-induced lung fibrosis in mice.** Keiko Haji (Tokushima, Japan), Seidai Sato, Hirohisa Ogawa, Yuta Isomura, Noriko Bando, Ryoko Suzue, Phuong Thi Hong Trang, Nandia-Erdene Danzan, Yuya Yamashita, Kojin Murakami, Hiroki Bando, Nobuhito Naito, Kazuya Koyama, Hiroshi Kawano, Katsutoshi Kobayashi, Toshiro Morohoshi, Yasuhiko Nishioka
PA6084	**The efficacy of Frankenia pulverulenta for the treatment of experimental lung fibrosis induced by Bleomycin in Wistar rats** Sana BAHRI (Tunis, Tunisia), Rim Ben Mansour, Syrine Sakouhi, Mona Mlika, Riadh Ksouri, Saloua Jameleddine
PA6085	**Ganoderma microsporum immunomodulatory protein (GMI) ameliorates pulmonary fibrosis by regulating the PI3K/Akt/mTOR signaling** Tzu-Lan Hsia (Taipei City, Taiwan), Wei-Chung Chiou, Kuo-Chuan Chen, Pin-Kuei Fu, Cheng Huang
PA6086	**Characterization of Human Precision Cut Lung Slices as an ex vivo model for Idiopathic Pulmonary Fibrosis** Gessica Marchini (Parma (PR), Italy), Federico Volpato, Beatrice Spagnoli, Gino Villetti
PA6087	**Exploring the role of hypusine signaling in IPF** Sarah-Eve Lemay (Quebec, Canada), Wen-Hui Wu, Sandra Martineau, Mélanie Sauvaget, Andréanne Pelletier, Sandra Breuils-Bonnet, Charlie Théberge, Alice Bourgeois, François Potus, Steeve Provencher, Sébastien Bonnet, Olivier Boucherat
PA6088	**AT2R agonists buloxibutid (Compound 21) and NAc inhibit fibrogenesis in human precision cut lung slices ex vivo** Jane Bourke (Clayton (VIC), Australia), Olivia Young, Paris Papagianis, Elizabeth Richards, William Studley, Yi Chen, Philip Bardin, Jade Jaffar, Glen Westall
PA6089	**PMEPA1 regulates the function of fibroblast through STAT3/p-STAT3/GLUT1 pathway to participate in the pathogenesis of IPF** Li Zhen (Beijing, China), Hu Yinan, Jin Jin
PA6090	**Evaluation of a PDGFRβ-specific vector for targeted drug delivery in pulmonary fibrosis** Jan Willem Duitman (Amsterdam, Netherlands), Joey Muns, Kevin Adamzek, Rychon Van Dasselaar, Marieke Ten Brink, Arthur Eibergen, Sylvia Klomp, Esther Nossent, Harm Jan Bogaard, Guus Van Dongen, Bart Nijmeijer
PA6091	**UL ameliorates lung inflammation and pulmonary fibrosis by regulating the TGF-β/TβRs signaling and autophagy** Wei-Chung Chiou (Taipei City, Taiwan), Tzu-Lan Hsia, Pin-Kuei Fu, Cheng Huang
PA6092	**Late Breaking Abstract - PMG1015 demonstrates well-tolerated safety and favorable FVC changes after 12 weeks of treatment in IPF Patients** Toby M Maher (Los Angeles, United States), Huaping Dai, Chen Wang, Huilan Zhang, Qun Luo, Jinfu Xu, Jiuwu Bai, Mengshu Cao, Feng Li, Jing Geng, Muhunthan Thillai, Simon Walsh, Kiril Kirov, Rui Zhao, Nan Tang
PA6093	**A Vaccine Therapy for Idiopathic Pulmonary Fibrosis** Tianxia Lan (Chengdu, China), Xiawei Wei, Ting Yang, Fengming Luo
PA6094	**Advancing pulmonary fibrosis Treatment: Efficacy testing for new drug candidates on the ILD on-chip model** Lea de Maddalena (Bern, Switzerland), Nicole Albrecher, Giulia Raggi, Laurène Froment, Alessia Cagnan, Nuria Roldan, Pauline Zamprogno, Gessica Marchini, Nina Hobi
PA6095	**Repositioning a drug for hyperlipidemia as a potential senotherapeutic for aging-related respiratory diseases** Sachi Matsubayashi-Hosokawa (Tokyo, Japan), Saburo Ito, Tomoya Maruyama, Kosuke Miyamura, Saiko Nishioka, Shun Inukai, Masahiro Yoshida, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya
PA6096	**Cluster analysis of cytokines in bronchoalveolar lavage samples from patients with Interstitial Lung Diseases: an exploratory study** Joel Francesqui (Barcelona, Spain), Rubén Osuna-Gómez, Marta Hernández-Marcos, María Mulet Gual, Ana Pardessus, Virginia Pajares, José Manuel Brenes, Silvia Vidal, Diego Castillo
PA6097	**The synergistic effects of pirfenidone and PPAR-alpha agonists in alleviating the profibrotic response in pulmonary fibrosis** Gani Oruqaj (Gießen, Germany), Learta Pervizaj-Oruqaj, Mohammad Rashedul Alam, Margarida Barroso, Clemens Ruppert, Andreas Guenther, István Vadász, Matthias Hecker, Natascha Sommer, Khodr Tello, Wei Shi, Susanne Herold, Eveline Baumgart-Vogt
PA6098	**Tissue repair response in Non-Specific Interstitial Pneumonia compared to Idiopathic Pulmonary Fibrosis** Vijay Hadda (New Delhi (Delhi), India), Shadab Ali, Saurabh Mittal, Anita Chopra, Pawan Tiwari, Tejas Suri, Ashu Seith Bhalla, Anant Mohan
PA6099	**B Cell Dysregulation in Acute Exacerbation of Idiopathic Pulmonary Fibrosis** Dong-Woo Han (Seoul, Republic of Korea), Jin-Young Huh, Kyeongmi Lee, Gye Sun Jeon, Sanghyuk Lee, Jin Woo Song

PA6100 **LPCAT1 as a Therapeutic Target for AT2 Regeneration in IPF**
anas rabata (Los Angeles, United States), Dianhua Jiang

PS-34 Session 503 12:30 - 14:00

Poster session: What's new in connective tissue disease-associated interstitial lung diseases?

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Imaging General respiratory patient care Pulmonary function testing Endoscopy and interventional pulmonology

Chairs : Marta Garcia Moyano (Barakaldo, Spain)

PA6101 **Mortality associated with Interstitial Lung Disease (ILD) in patients with Connective Tissue Disease (CTD) in France**
Vincent Cottin (Lyon, France), Yurdagül Uzunhan, Pierre-Louis Lleu, Stéphane Bouée, Theo Cerceau, Chloé Grimal, Laurent Arnaud

PA6102 **Validity of kings brief interstitial lung disease questionnaire in connective tissue disease associated interstitial lung disease**
Matthew Wells (Bristol, United Kingdom), John D Pauling, Elana J Bernstein, Saskia Williams, Giles Dixon, Huzaifa I Adamali, Shaney L Barratt

PA6103 **Interobserver Agreement and Diagnostic Accuracy of Lung Ultrasound for Interstitial Lung Disease diagnosis in Rheumatoid Arthritis**
Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Nerina Rodriguez Gianbagli, Daniela Camargo, Adrian Gaser, Edgardo Sobrino, Silvia Quadrelli

PA6104 **Stable ILD as a predictor of survival in CTD**
Phuong Phuong Diep (Oslo, Norway), Emily Langballe, Magdalena Maria Aabel, Natasha Moe, Mona Lovise Talaro Ramsli, Henrik Mangseth, Ragnar Gunnarsson, Asad Ali Chaudhary, Øyvind Midtvedt, Helena Andersson, Trond Mogens Aaløkken, Øyvind Molberg, Are Martin Holm, Anna-Maria Hoffmann-Vold, Michael Thomas Durheim

PA6105 **Predictors of stability in CTD-ILD**
Phuong Phuong Diep (Oslo, Norway), Emily Langballe, Magdalena Maria Aabel, Natasha Moe, Mona Lovise Talaro Ramsli, Henrik Mangseth, Ragnar Gunnarsson, Asad Ali Chaudhary, Øyvind Midtvedt, Helena Andersson, Trond Mogens Aaløkken, Øyvind Molberg, Are Martin Holm, Michael Thomas Durheim, Anna-Maria Hoffmann-Vold

PA6106 **The clinical significance of bronchiectasis in IPF and RA-ILD: a retrospective analysis**
Jakob Raith (Hildesheim, Germany), Jannik Ruwisch, Leonard Knegendorf, Jonas Christian Schupp, Theresa Graalmann, Jan Fuge, Sabine Dettmer, Felix Christian Ringshausen, Jessica Rademacher, Benjamin Seeliger

PA6107 **RAID – Rheumatoid Arthritis associated- Interstitial lung disease Definition study: preliminary results**
Anna Denis (Liège, Belgium), Monique Henket, Anne-Noëlle Frix, Fanny Gester, Olivier Malaise, Clio Ribbens, Julien Guiot

PA6108 **Pulmonary vessel-related structures on high-resolution computed tomography predict the rapid progression and prognosis of idiopathic inflammatory myopathies-related interstitial lung disease**
Yuhui Qiang (Beijing, China)

PA6109 **Longitudinal quantitative thoracic imaging in idiopathic inflammatory myopathy-associated interstitial lung disease: phenotypic dynamics and subtype stratification**
Yuhui Qiang (Beijing, China)

PA6110 **Integrated assessment of CT fibrosis volume and pulmonary function for progressive pulmonary fibrosis in connective tissue disease associated interstitial lung disease (CTD-ILD)**
Won Bae (Seongnam-si, Republic of Korea), Kyongmin Sarah Beck, Ji Weon Lee, Yong Suk Jo

PA6111 **Correlation between nail-fold capillaroscopy findings and severity of autoimmune disease-associated interstitial lung disease: A cross-sectional analytical study**
Ganesh Sanjan (Samba, India), Saikat Banerjee, Prakhar Sharma, Jyoti Sethi, Naveen Kumar Kansal, Poonam Sherwani, Girish Sindhwani

PA6112 **Small airway disease in rheumatoid arthritis**
Madeleine Scrivener (Woluwe st pierre, Belgium), Benoît Ghaye, Marie Perrot, Marie Doyen, Stéphanie Dierckx, Patrick Durez, Giuseppe Liistro, Antoine Froidure

PA6113 **Transbronchial lung cryobiopsy in CTD-ILD: correlation between histological and functional outcomes**
Simone Petrarulo (Padova, Italy), Alessandra Ria, Sara Piciucchi, Stefano Oldani, Alessandra Dubini, Claudia Ravaglia, Venerino Poletti

PA6114 **Radiographic patterns and signs of fibrosing interstitial lung diseases: overlooked clues for autoimmune pulmonary manifestations**
Fernanda Ines Hernandez Gonzalez (Barcelona, Spain), Claudia Moreno Díaz, Mariana Benegas, Marcelo Sanchez, Nancy Perez-Rodas, Xavier Alsina-Restoy, Lurdes Planas, Alejandro Frino-Garcia, Sergio Prieto-Gonzalez, Ignasi Rodriguez-Pinto, Estibaliz Ruiz, Jose A. Gomez-Puerta, Jacobo Sellares

PA6115 **Incidence of Rheumatoid-Associated Interstitial Lung Disease in Patients Receiving Janus Kinase Inhibitors: A Retrospective Cohort Study**
Fraser Glass (Glasgow, United Kingdom), David Anderson, Islay Morrison, Meng May Chee, Geeshath Jayasekera, Gage Willox, Aurelie Najm

PA6116 **Integrating Multidisciplinary Expertise in the Management of Connective Tissue Disease-Associated Interstitial Lung Disease: Experience from a Quaternary Care Hospital**
Carlos Matiz (Bogotá, Colombia), Isabel Hernandez, Laura Diaz, Maria Jose Contreras, Bibiana Pinzon, Angela Moreno, Alvaro Morales, Angela Aguirre, Olga Milena Garcia, Ana Baldion, Diana Palacios, Diana Canon, Paul Mendez, Gerardo Quintana, Monique Chalem, Camila Borda

PA6117 **Regular HRCT is key to early detection of ILD progression in SSc**
Anna Maria Hoffmann-Vold (Oslo, Norway), Liubov Petelytska, Håvard Fretheim, Trond Mogens Aaløkken, Oliver Mike Becker, Hilde Jenssen Bjørkekjære, Cathrine Brunborg, Cosimo Bruni, Christian Clarenbach, Phuong Phuong Diep, Rucsandra Dobrota, Michael T Durheim, Muriel Elhai, Thomas Frauenfelder, Emily Langballe, Øyvind Midtvedt, Natascha Moe, Carina Mihai, Adela-Cristina Sarbu, Marco Sprecher, Øyvind Molberg, Oliver Distler

PA6118 **ILD in Sjögren disease is frequently progressive across all HRCT pattern**
Anna Maria Hoffmann-Vold (Oslo, Norway), Marco Sprecher, Kastriot Kastriot, Cosimo Bruni, Bojana Müller-Durovic, Thomas Frauenfelder, Christian Clarenbach, Emily Langballe, Håvard Fretheim, Natascha Moe, Helena Andersson, Phuong Phuong Diep, Øyvind Molberg, Cathrine Brunborg, Trond Mogens Aaløkken, Paul Studenic, Helmut Prosch, Helga Radner, Oliver Distler

PA6119 **Clinical trajectories and outcomes of progressive pulmonary fibrosis in connective tissue disease associated interstitial lung disease (CTD-ILD)**
Yong Suk Jo (Seoul, Republic of Korea), Jeewon Lee, Ahran Kim, Jung Hyun Nam, Jong Min Lee

PA6120 **Analysis of predictors of lung function decline in patients with systemic sclerosis associated ILD (SSc-ILD): data from the German Network for Systemic Sclerosis.**
Francesco Bonella (Essen, Germany), Pia Moinzadeh, Jitmi Weliwitage, Gabriela Riemekasten, Jörg Henes, Norbert Blank, Marc Schmalzing, Gabriele Zeidler, Claudia Günther, Anette Alberding, Ilona Jandova, Jan Ehrchen, Gernot Keyßer, Margitta Worm, Alexander Kreuter, Ulf Müller-Ladner, Aaron Juche, Jörg Distler, Nicolas Hunzelmann, Michael Kreuter

PS-35 Session 504 12:30 - 14:00

Poster session: Rare interstitial lung diseases: genetics, atypical aetiologies and novel mechanisms

Disease(s) : Interstitial lung diseases Respiratory critical care Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Physiology Respiratory intensive care Imaging Pulmonary function testing Epidemiology General respiratory patient care Transplantation

Chairs : Pilar Rivera Ortega (Exeter, United Kingdom), Ilias Dimeas (Larissa, Greece)

PA6121 **Hydrops fetalis, diffuse lung disease, lymphoedema and haemangiomas as leading symptoms in children with a biallelic pathogenic variants in the THSD1 gene**
Sandra v. Hardenberg (Hannover, Germany), Jonas Niedenthal, Tobias Linden, Viola Lindenthal, Nadia Ehmke, Felix Boschann, Sarina Schwartzmann, Susanne Lau, Wendt Anke, Ute Grasshoff, Martin Wetzke, Bernd Auber, Nicolaus Schwerk, Katharina Schütz

PA6122 **SFTPA1 and SFTPA2 defects associated with interstitial lung disease are not always missense variations, a chILDEU study**
Tifenn Desroziers (Paris, France), Yohan Soreze, Valérie Nau, Bruno Crestani, David Drummond, Clairelyne Dupin, Raphaël Borie, Martine Reynaud-Gaubert, Killian Hurley, Florence Dastot Le Moal, Serge Amselem, Marie Legendre, Camille Louvrier, Nadia Nathan

PA6123 **LSC - 2025 - Exploring the antifibrotic potential of the heparan sulfate mimetic OTR4120**
Manuela Marega (Giessen, Germany), Najet Mejdoubi-Charef, David Wiegard, Muzamil Majid Khan, Marek Bartkuhn, Laura Gambs, Tara Procida-Kowalski, Jochen Wilhelm, Esmeralda Vasquez-Pacheco, Afshin Noori, Ying Dong, Yi Zheng, Xuran Chu, Arun Lingampally, Joanna Zukowska, Said Charef, Franck Chiappini, Agnes Choppin, Dulce Papy Garcia, Rainer Pepperkok, Thomas Muley, Hauke Winter, Clemens Ruppert, Werner Seeger, Andreas Günther, Denis Barritault, Chengshui Chen, Cho-Ming Chao, Stefano Rivetti, Saverio Bellusci

PA6124	**HPS4 bi-allellic ultra-rare variants in Hermansky-Pudlak syndrome pulmonary fibrosis patients in Greece, Cyprus and Türkiye** Effrosyni D. Manali (Athens, Greece), Ibrahima Ba, Lykourgos Kolilekas, Vincent Michaud, Frangiskos Frangopoulos, Paschalis Steiropoulos, Tonia Adamide, Nesrin Mogulkoc, Andriana I Papaioannou, Gilmaz Batzak, Olga Katsarou, Ioanna Anastasopoulou, Maria Kallieri, Burak Gökçe, Raphael Borie, Apostolos Malatras, Dionysios Fanidis, Lidwine Wemeau, Elvira-Markela Antonogiannaki, Vasiliki Apollonatou, Bruno Crestani, Resat Cinar, Constantinos Deltas, Benoît Arveiler, Caroline Kannengiesser, Spyros A Papiris
PA6125	**Clinical, functional, radiological, and genetic characteristics in ILD patients with suspected genetic predisposition: Data from a regional UK familial interstitial pneumonia service** Trishala Raj (Manchester, United Kingdom), Jack Callum, Jonathon Shaw, Bavithra Vijayakumar, Laurence Pearmain, Stefan Stanel, Pilar Rivera-Ortega
PA6126	**Adulthood fibrotic Interstitial Lung Disease secondary to mutations in Surfactant Related Genes: a systematic review.** Claudio Tirelli (Vaiano Cremasco (CR), Italy), Stefano Sanduzzi Zamparelli, Sabrina Mira, Marta Italia, Paola Rebecca Iovine, Fausta Alfano, Michele Mondoni, Stefano Centanni, Marialuisa Bocchino
PA6127	**Interstitial lung disease: a 2-year-old child with ABCA3 deficiency treated by CFTR potentiators** François-Pierre Counil (Sherbrooke, Canada), Virginie Plante, Sébastien Lévesque, Jacques Michaud, Nadia Nathan, Helen Vlachos, Mario Eddy Dumas
PA6128	**Male patients with DKC1 pathogenic variants present pulmonary fibrosis at a young age and severe prognosis** Quentin Philippot (Paris, France), Ophélie Evrard, Ibrahima Ba, Marie Pierre Debray, Alice Guyard, Emilio Zahonero, Hilario Nunes, Vincent Bours, Héléne Morel, Adrien Fattori, Armelle Schuller, David Montani, Julien Sausserau, Abdellatif Tazi, Abdelaziz Chaib, Emilie Bertoux, Julie Traclet, Vincent Cottin, Adrien Daniel, Xu Yan-Min, Elodie Lainey, Malika Chelbi Viallon, Claire Oudin, Bruno Crestani, Raphaël Borie, Caroline Kannengiesser
PA6129	**“Bubbly lung”, a honeycombing variant with more favorable outcome.** Vasilios Tzilas (Athens, Greece), Thomas Hartman, Antonios Charokopos, Paul Decker, Jay Ryu
PA6130	**Histopathological and radiological assessment of Pulmonary Amyloidosis: A comprehensive five-year analysis** Amritha S M (New Delhi, India), Shraddhanjali Satapathy, Sunil Kumar Mallick, Adarsh Barwad, Prabhat Singh Malik, Anant Mohan, Aruna Nambirajan, Deepali Jain
PA6131	**Serum Amyloid A released by lung fibroblasts as novel biomarker of exacerbation of lung fibrosis** Lara-Kristin Steinmetz (Hannover, Germany), Benjamin Seeliger, Tina Röpke, Franziska Aschenbrenner, Regina Maus, David S Deluca, Svenja Gaedcke, Andreas Pich, Lars Knudsen, Lavinia Neubert, Antje Prasse, Martin Kolb, Ulrich A. Maus
PA6132	**The potential role of radiomics in interstitial lung disease associated with systemic sclerosis (ILD-SSc)** Loredana Carobene (Bussolengo, Italy), Angela Ventura, Susanna Baltieri, Stefania Montemezzi, Davide Gatti, Maurizio Rossini, Claudio Micheletto, Angelo Fassio
PA6133	**Pulmonary mucosa associated lymphoid tissue lymphoma: Clinical and Imaging correlates** Vasilios Tzilas (Athens, Greece), Anne-Marie Sykes, Rebecca Lindell, Jay Ryu
PA6134	**Deciphering the pathogenicity of NKX2-1 variants in ultra-severe forms of childhood interstitial lung diseases. A CRC chILDEU study.** Yohan SOREZE (Paris, France), Tifenn Desroziers-Louedec, Aurore Carré, Farah Diab, Aphrodite Daskalopoulou, Julie Starck, Valérie Naud, Marie Legendre, Sonia Athina Karabina, Véronique Houdouin, Aurore Coulomb L'Herminé, Camille Louvrier, Nadia Nathan
PA6135	**Genetic Mutations in Familial Pulmonary Fibrosis: A Next Generation Sequencing (NGS) Study.** Simone Montini (Pavia, Italy), Vincenzo Alfredo Marando, Sara Lettieri, Mariachiara Crescenzi, Andrea Ripamonti, Lucrezia Pisanu, Francesco Rocco Bertuccio, Simone Cordoni, Davide Piloni, Francesca Mariani, Angelo Guido Corsico, Ilaria Campo
PA6136	**mTOR dysregulation in DIPNECH – a viable therapeutic target?** Helen O'Brien (Ratoath, Ireland), Amina Jouida, Marissa O'Callaghan, Lisa Comerford, Maylis Alquier, Janet Mccormack, Niamh Boyle, Donal O'Malley, Julie Worrell, Alessandro N Franciosi, Michael P Keane, Adam J Byrne, Aurelie Fabre, Cormac Mccarthy
PA6137	**Late Breaking Abstract - GDNF and EFNA4 as promising biomarkers for lymphangioleiomyomatosis** Alice Villa (verona, Italy), Kathryn Duvall, Adam J Byrne, Donal O'Malley, Ernesto Crisafulli, Cormac Mccarthy
PA6138	**Late Breaking Abstract - Nerandomilast attenuates Pantoea agglomerans-induced hypersensitivity pneumonitis by regulating M1 macrophage and fibroblast** Yujie Shi (Beijing, China), Yuming Liu, Ruxuan Chen, Xiaohe Li, Honggang Zhou, Hui Huang

PA6139 **Late Breaking Abstract - Multi-center validation of the Hypersensitivity pneumonitis South Asian questionnaire for Exposure**
Sheetu Singh (Jaipur (Rajasthan), India), Ambika Sharma, Khushboo Pilania, Prerna Singh, Arvind Kumar Sharma, Arundhati Agarwal, Sahajal Dhooria, Vijay Hadda, Nitesh Gupta, Mansi Gupta, Nishtha Singh, Madhur Joshi, Aniket Mondal, Jitendra Bairwa, Virendra Singh, Kerri Johannson

PA6140 **Late Breaking Abstract - Single-cell analysis identifies rare CCLHi monocyte-derived alveolar macrophages as potential ILD biomarker**
Eliza Tsitoura (Heraklion (Crete), Greece), Jannis B. Spintge, Eirini Vasarmidi, Ioanna Argyriou, Marilena Lourou, Thorsten Beckmann, Benedikt Reiz, Henning Dickten, Charlotte Kroeger, Lisa Holsten, Lorenzo Bonaguro, Martina Van Uelft, Thomas Ulas, Julia Soellner, Lutz Wollin, Christian Hesslinger, Patrick Baum, Christian T. Wohnhaas, Katerina Antoniou

PS-36 Session 505 12:30 - 14:00

Poster session: Pulmonary arterial hypertension: imaging, biomarkers, physiological parameters and their impact on prognosis

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Public health Physiology Imaging Pulmonary function testing Surgery

Chairs : Snezhana Ismagilova (Moscow, Russian Federation), David Montani (Le Kremlin-Bicêtre, France)

PA6141 **Rethinking Normal: eRVSP Below 35mmHg and Mortality Risk**
Inbal Shafran (Ra'anana, Israel), Amos Stemmer, Assi Milwidsky, Ofir Deri, Sagit Ben Zekry, Efrat Mazor Dray, Rafael Kuperstein, Elad Maor, Michael Segel

PA6142 **Inflammation and obesity correlate in pulmonary hypertension but associate with diverging outcomes**
Eckart de Bie (Cambridge, United Kingdom), Priscilla Correa-Jaque, Rowena Jones, Harm J Bogaard, Justine Chan, Colin Church, John G Coghlan, Akshay Gaur, Stefano Ghio, Hossein-Ardeschir Ghofrani, Ze Ming Goh, Luke S Howard, Marc Humbert, Gabor Kovacs, Allan Lawrie, James Lordan, Wei-Yu Lin, Dharshan Neelam-Naganathan, Joseph Newman, Christopher J Rhodes, Karen Sheares, Olivier Sitbon, Thomas W Willis, Stephen J Wort, Stefan Gräf, David Kiely, Raymond L Benza, Alex Rothman, Chris Wallace, Mark Toshner

PA6143 **Survival predictors by race and ethnicity in pulmonary arterial hypertension**
Rodney J. Folz (Houston, United States), Nelson Villasmil Hernandez, Nilsa Nunez, Maria Maestre, Meagan Chavarria, Cassidy Smith, Sandeep Sahay

PA6144 **Association of subclinical lung disease on HRCT with outcomes in pulmonary arterial hypertension**
Justine Tin Nok Chan (Cambridge, United Kingdom), Eckart De Bie, Hakim Ghani, Joseph Newman, Kate Bunclark, Colin Church, Gerry Coghlan, Stefan Gräf, Luke Howard, David Kiely, Jim Lordan, Rob Mackenzie Ross, Karen Sheares, John Wort, Joanna Pepke-Zaba, Mark Toshner

PA6145 **Cardiopulmonary hemodynamic determinants of long-term survival in sickle cell disease: insights from the ETENDARD study**
Laurent Savale (Le Kremlin-Bicêtre, France), Thomas D'Humières, Athenais Boucly, Anoosha Habibi, François Lionnet, Bernard Maitre, David Montani, Olivier Sitbon, Xavier Jais, Gylna Loko, Jocelyn Inamo, Florence Parent, Gerald Simonneau, Frederic Galacteros, Pablo Bartolucci, Marc Humbert

PA6146 **Noninvasive screening for surgery in congenital heart disease**
Jian Guo (Shanghai, China), Xingxing Sun, Tianran Zhou

PA6147 **Unaffected carriers of a pathogenic BMPR2 variant exhibit a distinct pro-inflammatory cytokine profile despite the absence of disease**
Eszter Nóra Tóth (Amsterdam, Netherlands), Clarissa Becher, Carolina Janssen, Tobias Neumann, Jessie Van Wezenbeek, Aida Llucià-Valldeperas, Jan Willem Duitman, Harm Jan Bogaard, Marie Jose Goumans, Frances De Man

PA6148 **The functional roles of peripheral blood mononuclear cells in pulmonary hypertension**
Shun Sato (chiba, Japan), Ayako Shigeta, Keiko Yamamoto, Akira Naito, Ayumi Sekine, Toshihiko Suiura, Koichiro Tatsumi, Takuji Suzuki

PA6149 **Pulmonary hypertension in patients with Noonan syndrome**
Julien Grynblat (Paris, France), Mathieu Farges, Laurent Savale, Florence Coulet, Maria-Rosa Ghigna, Xavier Jais, Athenais Boucly, Marilyne Levy, Fabrice Antigny, Olivier Meyrignac, Olivier Sitbon, Marc Humbert, Pascal Magro, Damien Bonnet, David Montani

PA6150 **From sit to stand: A simple test predicts adverse outcomes in pulmonary hypertension**
Christina Kronberger (Vienna, Austria), Roya Anahita Mousavi, Nikita Ermolaev, Robin Willixhofer, Nima Rassoulpour, Musa Berdixan Kaya, Michael Poledniczek, Mahshid Eslami, Christoph Krall, Brigitte Litschauer, Mariusz Tadeusz Grzeda, Ian Mckenna, Roza Badr Eslam

PA6151 **Strain-based right ventricular-pulmonary arterial coupling: Association with long-term mortality in pre-capillary pulmonary hypertension**
Garvan Kane (Rochester, United States), Abdalla Salama, Ahmed Azzam, Annop Lekhakul, Ratnasari Padang, Vidhu Anand, Cristina Pislaru, Sorin Pislaru, Jeremy Thaden

PA6152 **Mortality of patients with pulmonary arterial hypertension in france: a nationwide study**
charifa nazoiri (ST DENIS, France), Alain Weill, Antoine Beauvais, Mahmoud Zureik, Jérémie Botton, Nadia Haddy

PA6153 **Clinical outcomes of Pulmonary Arterial Hypertension with Iron Deficiency In King Chulalongkorn Memorial Hospital**
Noppharut Yutthana (Bangkok, Thailand), Nattapong Jaimchariyatam, Nuntanuj Vutthikraivit

PA6154 **Long-term survival in idiopathic versus connective tissue disease-associated pulmonary hypertension; Croatian registry data**
Marko Banić (Zagreb, Croatia), Feđa Džubur, Goran Glodić, Mateja Jankovic Makek, Kristina Krpina, Dina Mihelčić Korte, Tea Lovrić, Andreja Mocan, Mira Pevec, Lorna Radman, Dina Rnjak, Miroslav Samaržija, Ana Hećimović

PA6155 **Does mild to moderate pulmonary hypertension influence liver transplant outcomes?**
Syed Murtaza Hassan Kazmi (Islamabad, Pakistan), Muhammad Ahmed Bajwa, Abdul Ahad, Muhammad Yaqoob Akhtar, Sajawal Hussain, Maliha Aziz, Muslim Atiq, Abu Bakar Hafeez Bhatti

PA6156 **Effect of Eccentric Cycling on Cerebral and Muscle Near-Infrared Spectroscopy in Patients with Pulmonary Hypertension and Healthy Individuals. A Randomized Controlled Crossover Trial.**
Julian Müller (Zürich, Switzerland), Nico Sturzenegger, Simon R. Schneider, Michael Furian, Anna Titz, Esther I. Schwarz, Mona Lichtblau, Silvia Ulrich

PA6157 **Drugs and toxic-associated pulmonary arterial hypertension, prognosis and management in the current era of treatment: results from the REHAP registry**
Laura Lago Lagunas (Madrid, Spain), Andrés Tenes Mayen, Susana Del Prado, Eva Gutiérrez, Joan A. Barbera, Raquel López Reyes, María Lázaro Salvador, Águeda Aurtenetxe, Pilar Escribano Subías, Isabel Blanco Vich

PA6158 **The effect of co-morbidity on treatment response and survival in patients with idiopathic pulmonary arterial hypertension in Scotland**
Greg Bear (Glasgow, United Kingdom), William Kerrigan, Julia Thomas, Colin Church, Martin Johnson, Melanie Brewis

PA6159 **Peripheral microvascular endothelial function in pulmonary arterial hypertension.**
Ricardo Jose Aguilar Colindres (Barcelona, Spain), Anna Sardiné, Clara Martin, Ana Ramírez, Rita Fernandez, Albert Riudor, Silvia Falco, Isabel Blanco, Joan Albert Barberà

PA6160 **Atrial and Brain Natriuretic Peptides Expression and Release in Right Heart Failure**
Jessie van Wezenbeek (Amsterdam, Netherlands), Aida Llucià-Valldeperas, Anton Vonk Noordegraaf, Harm Jan Bogaard, Frances S. De Man

PS-37 Session 506 12:30 - 14:00

Poster session: New tools and the use of artificial intelligence in pulmonary hypertension, and the impact of pulmonary hypertension on daily life and survival

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : Physiology Public health Imaging Respiratory intensive care Epidemiology Transplantation Pulmonary function testing Cell and molecular biology

Chairs : Andy Swift (Sheffield (South Yorkshire), United Kingdom), Mona Lichtblau (Zürich, Switzerland)

PA6161 **Extraction of right heart catheterization data from an electronic health record by large language modeling is highly accurate with implications for pulmonary hypertension research**
Seyed M Shams (North Bethesda, United States), Mary Maldarelli, Pratima Kshetry, Pranav Kulkarni, Anup Mahurkar, Colleen Ennett, Bradley A Maron, Katarina Zeder

PA6162 **Applied Machine Learning Cardiopulmonary Hemodynamic Imputation in a Large, Diverse Population Referred for Right Heart Catheterization**
Seyed M Shams (North Bethesda, United States), Mary E Maldarelli, Bradley A Maron, Katarina Zeder

PA6163 **The Pulmonary Hypertension Global Patient Survey (PH GPS): Quality of Life**
Katherine Bunclark (Cambridge (Cambridgeshire), United Kingdom), Joseph Newman, Hakim Ghani, Shiv Munagala, Gerald Fischer, Pisana Ferrari, Wendy Gin-Sing, Matt Granato, Luke Howard, Marcin Kurzyna, Gergley Meszaros, Eva Otter, Hall Skaara, Millicent Stone, Mark Toshner, Joanna Pepke-Zaba

PA6164 **Evaluation of pulmonary hypertension patients' knowledge about the disease and their information needs**
Oksana Viltsaniuk (Vinnytsya, Ukraine), Vitalii Poberezhets

PA6165	**Supporting unmet needs of patients with pulmonary hypertension and their caregivers - think big but act local!** Eva Otter (Vienna, Austria), Roberto Badagliacca, Regina Steringer-Mascherbauer, Khodr Tello, Gerald Fischer, Ralf Lenhard, Martina Neubauer, Hall Skara, Dario Carmine Vizza
PA6166	**The Estimated Prevalence of Pulmonary Hypertension associated with Sickle Cell Disease in sub-Saharan Africa** Eric Robbins (Rockville, United States), Armella Santi, Lanjing Wang, Veranyuy Ngah, Guoqing Diao, Bradley A Maron, Katarina Zeder
PA6167	**Two Cases of Pulmonary Hypertension Associated with Glycogen Storage Disease** Yu Xia Huang (Shanghai, China), Wen-Hui Wu, Yuxuan Feng, Xin Liu, Ping Yuan
PA6168	**Patient Voices: Voice analysis in patients with Pulmonary Arterial Hypertension.** Emilia Maria ŚWIETLIK (CAMBRIDGE, United Kingdom), Magdalena Igras-Cybulska, Magdalena Majdak, Artur Cybulski, Nicholas W Morrell
PA6169	**Socioeconomic Impact of Pulmonary Arterial Hypertension on Patients and Their Caregivers in the Czech Republic** Pavel Jansa (Jirny, Czech Republic), Lucie Miksova, Marcel Ourada, Vladimir Dytrych, Jan Precek, Jana Alahakoon, Tomas Mlcoch, Jakub Zadak, Tomas Dolezal, Katerina Doleckova, Lada Souza, Martin Hutyra
PA6170	**Suspicion of pulmonary hypertension in acute pulmonary embolism: agreement between echocardiogram and CT scan** Javier Álvarez Albarrán (Burgos, Spain), María Victoria García-Gallardo Sanz, Jon Caballero Campos, Pablo Cámara Salmerón, Raquel Edith Sorto Bueso, Edurne Echevarría Guerrero, Maria Soledad Serrano Peña, Ana Pando Feijoo, Guillermo Servando Carrillo, Álvaro Margalejo Franco
PA6171	**Concordance between hyperoxia testing and transthoracic contrast echocardiography in detecting shunts among patients with pulmonary hypertension** Antoine Beurnier (Le Kremlin Bicêtre, France), Thomas Lacoste, Xavier Jaïs, Laurent Savale, Amir Bouchachi, Sophia Keddache, Athénaïs Boucly, Fabrice Bauer, Olivier Sitbon, Marcel Bonay, Marc Humbert, David Montani
PA6172	**The impact of cardiac output methods on the classification of pulmonary hypertension** Léon Genecand (geneve, Switzerland), Gaëtan Simian, Mona Lichtblau, Jean-Marc Fellrath, Julian Klug, Hugues Turbé, Christian Lovis, Stéphane Noble, Julie Wacker, Julian Müller, Roberto Desponds, Maurice Beghetti, Benoit Lechartier, David Montani, Olivier Sitbon, Silvia Ulrich, Frédéric Lador
PA6173	**Tetramethylpyrazine Attenuates Pressure Overload-Induced Right Heart Failure by Targeting PPARγ to Activate the Tricarboxylic Acid Cycle** Zhuoji Ma (Guangzhou, China), Tao Wang
PA6174	**Application of the FORD index in outpatients with fibrotic interstitial lung diseases at risk for developing pulmonary hypertension.** Elisabetta Cocconcelli (Padova (PD), Italy), Roberta Accoto, Giordano Fiorentù, Gioele Castelli, Giacomo Giulianelli, Paolo Spagnolo, Elisabetta Balestro
PA6175	**Deep learning-based image quantification of CTPA to phenotype pulmonary arterial hypertension** Hakim Ghani (Cambridge, United Kingdom), Mark Toshner, Muhunthan Thillai, Simon Walsh, Elliott Bussell, Martin Graves, Joanna Pepke-Zaba
PA6176	**Validation of a machine learning diagnostic model for group 2 pulmonary hypertension in the PVDOMICS cohort** Laura Hardy (Leuven, Belgium), Kenneth Verstraete, Catharina Belge, David Ruttens, Mathias Leys, Pieter Martens, Laurent Godinas, Wim Janssens, Marion Delcroix
PA6177	**Heart rate recovery as a predictor of clinical decline in pulmonary hypertension** Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Benjamin Knox-Brown, Joanna Pepke-Zaba, Mark Toshner, John Cannon, Katherine Bunclark, Karen Sheares, Dolores Taboada Buasso, Joseph Newman
PA6178	**Prognostic Factors for Outcomes in Acute Decompensated Pulmonary Hypertension: Insights from the Prospective ProPULS Study** Laurent Savale (Le Kremlin-Bicêtre, France), Athenais Boucly, Jeremie Pichon, Anne Roche, Ly Tu, Xavier Jais, Audrey Baron, Mitja Jevnikar, Elie Fadel, Olaf Mercier, Christophe Guignabert, Dvaid Montani, Olivier Siton, Marc Humbert
PA6179	**Consequences of the hemodynamic reclassification of pulmonary hypertension for chronic thromboembolic pulmonary disease.** Laura Hardy (Leuven, Belgium), Coen van Kan, Niki Stok, Azar Kianzad, Esther Nossent, Jurjan Aman, Rozenn Quarck, Marjon Delcroix, Harm Jan Bogaard, Lilian Meijboom, Anton Vonk Noordegraaf, Josien Van Es
PA6180	**Pulmonary arterial hypertension in Morocco : a single center experience** Karima Marc (Rabat, Morocco), Mariam El Yahyaoui, Nadia Fellat, Rachid Nejjari, Jamaleddine Bourkadi, Rachid Razine

PS-38 Session 507 12:30 - 14:00

Poster session: Central airway obstruction , stents and rigid bronchoscopy

Disease(s) : Airway diseases Thoracic oncology Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Surgery Respiratory intensive care Cell and molecular biology Imaging

Chairs : Konstantina Kontogianni (Heidelberg, Germany), Chair to be confirmed

PA6181	**Twenty-five-year experience in endoscopic treatment of benign tracheal stenosis in a single referral centre** Andrea Castaldi (Pisa, Italy), Olivia Fanucchi, Alessandro Picchi, Elisa Sicolo, Marcello Carlo Ambrogi, Marco Lucchi, Alessandro Ribechini
PA6182	**Retrospective analysis of idiopathic subglottic stenosis treatment in two Dutch Centers** Chris Happé (Amsterdam, Netherlands), Louis-Vincent Morin Thibault, Erik H.F.M. Van Der Heijden, Hans Daniels
PA6183	**Bronchoscopic management of idiopathic and inflammatory tracheal stenosis** India Sofia Dalla Rosa (Venezia Mestre, Italy), Nicol Bernardinello, Elisabetta Balestro, Paolo Spagnolo, Mauro Novali, Michela Bezzi
PA6184	**Bronchoscopic management of benign airway stenosis: a case series.** Sameer Arbat (Nagpur (Maharashtra), India), Sonam Solanki, Vinit Niranjane
PA6185	**Multimodal bronchoscopic management of endobronchial amyloidosis induced airway obstruction.** Shyam Krishnan (Kolkata (West Bengal), India), Shubham Rajput, Arup Halder, Aditya Satpati, Raja Dhar
PA6186	**Efficacy and Safety of Bronchoscopic Contact Laser Therapy in Patients with Central Airway Stenosis: A Retrospective Study of 21 Cases** Jing Gao (stockholm, Sweden), yunzhi zhou, Jieli Zhang, Yongping Gao, Xiaoli Li, Fang Qin, Shufang Wang, Hui Wang
PA6187	**Safety Profile and Therapeutic Efficacy of Photodynamic Therapy for Early-Stage Endobronchial Carcinoma** Erik Büscher (Essen, Germany), Tom Sondermann, Lutz Freitag, Dirk Hüttenberger, Johannes Wienker, Kaid Darwiche
PA6188	**Transbronchial Cryoablation for Airway Tumor** Takashi Niwa (Yokohama, Japan), Yoichi Tagami, Ryota Otoshi, Masashi Sakayori, Tomohisa Baba, Shigeru Komatsu, Eri Hagiwara, Takashi Ogura
PA6189	**Intra-Tumoral Alcohol Injection (ITAI): A Low-Cost and Effective Adjunctive Treatment for Central Airway Obstruction** Arvindran Alaga (Alor Setar (Kedah), Malaysia), Che Athirah Che Azmi
PA6190	**Quality of Life, Sleep, and Anxiety Changes in Patients with Airway Stents** Efsun Gonca Uğur Chousein (Istanbul, Turkey), Demet Turan, Alev Cinel Karataş, Yaşar İncekara, Abdullah Çağrı Önal, Şeyma Kapçık, Fatma Meyra Söylemez, Ahmet Pehlivan, Mehmet Akif Özgül, Erdoğan Çetinkaya
PA6191	**EFFECT OF ENDOBRONCHIAL AIRWAY STENT APPLICATION ON DYSPNEA AND ACTIVITIES OF DAILY LIVING IN LUNG CANCER PATIENTS** Ayşegül Alemdar (İSTANBUL, Turkey), Mahmure Aygun, Demet Turan, Efsun Gonca Ugur Chousein
PA6192	**Safety and efficacy of airway stent placement under local anaesthesia using flexible bronchoscopy** Shogo Toyama (Kyoto, Japan), Kohei Fujita, Naoki Fujimoto, Saiki Yoshimura, Takanori Ito, Takuma Imakita, Issei Oi, Osamu Kanai, Kiminobu Tanizawa
PA6193	**Weaning from tracheostomy cannula using a biodegradable tracheal stent** Ludek Stehlik (Praha 4, Czech Republic), Martina Koziar Vasakova
PA6194	**Microbial Characteristics After Airway Stent Placement in Central Airway Stenosis** Jing Gao (stockholm, Sweden), Yue Wang, yunzhi zhou, Yongping Gao, Jieli Zhang, Xiaoli Li, Fang Qin, Hui Wang, Shufang Wang, Kuo Liu, Huaixiu Fu
PA6195	**Feasibility of rotational optical coherence tomography (OCT) as perioperative support during stenting procedures** Anne Katrine Poulsen (Aarhus, Denmark), Signe Thim, Thomas Kjærgaard, Emil Nielsen Holck, Sune Rubak
PA6196	**Inhalation injury in burn patients: the controversial prognostic role of bronchoscopy** João José Pereira Sá Couto (Abaças - Vila Real, Portugal), Adriana Dias, Leticia Balanco, Leonor Simões, Ana Sousa, Margarida Marques, Diogo Canhoto, Yvette Martins
PA6197	**Pulmonary foreign body removal by rigid versus flexible bronchoscopy in children – risk factors, complications and anaesthetic management** Katharina Schütz (Hannover, Germany), Yehor Huzhva, Martin Wetzke, Julia Carlens, Anna-Maria Dittrich, Ruth Grychtol, Vanessa Rigterink, Nils Dennhardt, Dietmar Boethig, Katja Nickel, Christiane E. Beck, Nicolaus Schwerk, Oliver Keil

PA6198 **Late Breaking Abstract - Quality of CT based airway segmentation software for navigation bronchoscopy.**
Nicolien Heleen Heikens (Nijmegen, Netherlands), Erik H. F. M. Van Der Heijden, Roel L. J. Verhoeven

PA6199 **Late Breaking Abstract - Bronchial Rheoplasty for Chronic Bronchitis in COPD Patients – Interim Analysis from RheOx China Study**
Guangfa Wang (Beijing, China), Zhi Xu, Shiyue Li, Changhui Wang, Pinhua Pan, Daoxin Wang, Yan Hu, Jiping Liao, Fangfang Guo, Mingzhou Zhang, Yuhang Guo, Chunli Tang, Enguo Chen, Jisong Zhang, Huihui Hu, Xiaolian Song, Yang Liu, Jingjing Liu, Jing He, Yanli Yang

PA6200 **Late Breaking Abstract - Efficacy and Safety of Broncho Muco Cleaner Balloon Dilatation Therapy in COPD**
Erdoğan Çetinkaya (Istanbul, Turkey), Mustafa Çörtük, Demet Turan, Umut Ilhan, Fulya Senem Karaahmetoğlu, Zeynep Betül Özcan, Barış Demirkol

PS-39 Session 508 12:30 - 14:00

Poster session: Innovations in thoracic imaging: functional, structural and interventional insights

Disease(s) : Thoracic oncology | Respiratory critical care | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Imaging | Endoscopy and interventional pulmonology | Pulmonary function testing | Surgery | Physiology | General respiratory patient care

Chairs : Walter De Wever (Leuven, Belgium), Chair to be confirmed

PA6201 **Predictors for development of iatrogenic pneumothorax following CT-guided transthoracic biopsy**
Casper Jensen (Næstved, Denmark), Mie Nymann Petersen, Søren Helbo Skaarup, Uffe Bodtger

PA6202 **CT lung biopsy : evaluation of DLCO as a risk factor of pneumothorax**
Baptistine Bommelaer Picavet (Nantes, France), Geoffrey Bourgeais, Soline Bobet, Olivier Morla, Valentin Patarin, Dorian Hassoun, François-Xavier Blanc, Anne-Laure Chéné

PA6203 **Visualising early smoking-related ventilation abnormalities with dynamic 19F-MRI**
Benjamin Pippard (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Dominic Harrison, Mary Neal, Pete Thelwall

PA6204 **Investigating Correlation between Intra-breath Oscillometry and PREFUL-MRI in cystic fibrosis**
Tamara Blake (South Brisbane, Australia), Bowen Xin, Rohan Hickey, Robert Grimm, Claire Wainwright, Peter Sly, Jason Dowling

PA6205 **Preoperative localization of pulmonary nodules in thoracoscopic wedge resection**
Bryan Eelen (Oud-Turnhout, Belgium), Walter De Wever

PA6206 **Comparing lobar voxel density in moderate and severe emphysema cohorts: Developing an emphysema pathway**
Ketan Patel (London, United Kingdom), Stephanie Uys, Tim Batchelor, Richa Singh

PA6207 **Frequency of development of secondary bronchiectasis in patients with COPD GOLD III clinical group E depending on the phenotype of the inflammatory process**
Uliana Shevchuk-Budz (Ivano-Frankivsk, Ukraine), Khrystyna Volnytska

PA6208 **Emphysema score difference can be used to determine small airways disease in severe COPD**
T. David Koster (GRONINGEN, Netherlands), Jens T. Bakker, Karin Klooster, Harm Tiddens, Jean Paul Charbonnier, Dirk-Jan Slebos

PA6209 **Combined emphysema and cancer : from radiology to prognosis in patients treated by immunotherapy : an ancillary study of IFCT-1802 SAVIMMUNE**
Maeva Zysman (cabanac et villagrains, France), Ilyes Benlala, Alexandra Langlais, Laurent Greillier, Celine Mascaux, Francois Pinquie, Delphine Carmier, Lionel Moreau, Benoit Roch, Didier Debieuvre, Xavier Dhalluin, Etienne Giroux-Leprieur, Elodie Berton, Michael Duruisseaux, Judith Raimbourg, Audrey Rabeau, Adrien Dixmier, Charles Naltet, Virginie Westeel, Gerard Zalcman, Gael Dournes, Valerie Gounant

PA6210 **Automated measures of bronchial outer diameter tapering across different COPDGene GOLD classes**
Tjeerd van der Veer (Amsterdam, Netherlands), Yuxin Chen, Harm Tiddens, Rudolfs Latisenko, Jean-Paul Charbonnier, David Lynch

PA6211 **Optimizing Hemoptysis Treatment: The Role of MDCT Angiography Before Bronchial Artery Embolization**
Huu Y Le (Taoyuan, Taiwan)

PA6212 **COPD progressors vs. non-progressors: 10-year change in Bronchus-Artery ratios & mucus plugs**
Tjeerd van der Veer (Amsterdam, Netherlands), Rudolfs Latisenko, Harm Tiddens, Jean-Paul Charbonnier, David Lynch, James Crapo

PA6213 **AI-measured bronchial dimensions and emphysema: A duo for predicting airflow limitation in COPD**
Yuxin Chen (Rotterdam, Netherlands), Tjeerd Van Der Veer, Rudolfs Latisenko, Jean-Paul Charbonnier, David Lynch, James Crapo, Harm Tiddens

PA6214 **The Effects of Corrective Surgery on Lung Structure Assessed with Chest CT in Adolescents with Idiopathic Scoliosis**
Jeroen Renkens (Rotterdam, Netherlands), Punit Makani, Harm Tiddens, Max Reijman, Pierluigi Ciet, Tom Schlosser, Noor De Wijs, Pelle Vogel, Joost Rutges, Daan Caudri

PA6215 **Airway smooth muscle detection through endobronchial polarization sensitive optical coherence tomography**
Tatiana Soldati (Amsterdam, Netherlands), Sofi Vassileva, Margherita Vaselli, Kirsten Mooij - Kalverda, Jouke Annema, Peter Bonta, Johannes De Boer

PA6216 **Measuring airway smooth muscle remodelling phenotypes in vivo: Towards a new treatable trait**
Michael Hackmann (Crawley, Australia), Alvenia Cairncross, Siobhain Mulrennan, Rajesh Thomas, Dhaval Thakkar, Graham Donovan, Robert Mclaughlin, Barry Cense, Alan James, Peter Noble

PA6217 **USE OF A "PORTABLE CONE BEAM CT" IN PERFORMING SELECTIVE BRONCHOGRAPHY WITH 3D RECONSTRUCTIONS IN INTERVENTIONAL PULMONOLOGY**
Gabriel Antonio Barraza García (Valladolid, Spain), Juan Francisco De Mesa Alvarez, Soraya Fernandez Gay, Blanca De Vega Sanchez, Carlos Martinez Padilla, Marta Belver Blanco, Sofia Jaurrieta Largo, Carlos Disdier Vicente

PA6218 **The 3-dimensional structure of the secondary pulmonary lobule within the human lung**
Kasra Zargar (Vancouver, Canada), Darren Sutherland, Pardis Mohammadpour, Joel Cooper, Andre Phillion, Dragos Vasilescu, Tillie Hackett

PA6219 **Bell-shaped chest structure in patients with spinal muscular atrophy and the effect of treatment**
Hagit Levine (Even Yehuda, Israel), Yotam Dezitzer Hill, Lior Tzviban, Ofek Raviv, Ethan Henry Bauer, Huda Mussaffi, Osnat Konen, Yoram Nevo, Sharon Aharoni, Dario Prais

PA6220 **Magnetic Resonance Imaging for Assessing Intrapulmonary Systemic-to-Pulmonary Arterial Shunts (IP-SPS) in Bronchiectasis Patients**
Li Guo (Chengdu, China), Ye Wang

PS-4 Session 509 12:30 - 14:00

Poster session: Chronic respiratory diseases: from new strategies to clinical approach

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : General respiratory patient care | Epidemiology | Public health | Transplantation | Palliative care | Pulmonary function testing

Chairs : Habib Ghedira (Tunis, Tunisia), Izolde Bouloukaki (Heraklion (Crete), Greece)

PA6221 **Home based self-management program including AI-embedded auto-monitoring: Impact on quality of life and psychological well-being of COPD patients.**
Claudia Meschi (Pisa (PI), Italy), Valentina Romiti, Liborio Sardo, Raffaele Marucci, Silvia Cappagli, Alina Barnea, Simona Barbaglia, Nicola Frau, Giuseppe Capasso, Guido Vagheggini

PA6222 **Patients with chronic obstructive pulmonary disease and complementary and alternative medicine: The role of health literacy in Türkiye**
Mustafa Ersözlü (Ankara, Turkey), Elif Akıncı Aydınlı, Elif Selçuk, Elif Şen

PA6223 **“BREATHE”: an educational approach for optimising the management of chronic respiratory diseases in primary care**
Natasha Smallwood (Melbourne (VIC), Australia), Rebecca Disler, Andrew Donald, Kerry Hancock, Christian Osadnik, Yet Khor, Jo-Anne Manski-Nankervis, Amy Pascoe, Lena Ly, Anna Spathis, Jennifer Philip, Lena Sanci

PA6224 **Nutritional Challenges in Community-Based Care for Patients with Chronic Respiratory Diseases**
Ayumi Suzuki (Meguro, Japan), Mika Nagakawa, Katsutoshi Ando

PA6225 **Diagnostic performance of a modified version of PUMA score (mPUMA) for detection of Chronic Obstructive Pulmonary Disease (COPD) in a high-risk population from Nicaragua**
Jorge Ivan Miranda (Managua, Nicaragua), Jessy C Trujillo-Morales, Edgar Urquidez-Bazúa

PA6226 **Evaluation of Alpha-1 Antitrypsin Testing in COPD Patients: A Population-Based Approach**
Liliana Silva (Matosinhos, Portugal), Inês Ramalho, Alexandrina Martins, Francisca Pimentel, Beatriz Souto, Constança Hipólito Reis

PA6227	**Alternative Therapy for Patients with Chronic Respiratory Disease: Nature Prescription a Pilot Study** Marilyn Urrutia Pereira (Uruguaiana (RS), Brazil), Veronica Riquelme Martinez, Rovana Kinas Bueno, Debora Payão Pellegrini, Jeferson Rafael Bueno, Felipe Derre Torres, Camila Girotto Alberti, Bruna Simoneto Marques, Barbara Angelo De Moraes, Ana Clara Sevá, Daniel Barba Kaestner, Solé Dirceu
PA6228	**PrimaryBreathe: co-design of a primary care intervention for chronic breathlessness** Sarah Hoare (Cambridge, United Kingdom), Anna Spathis, Miriam Johnson, Morag Farquhar, Mark Pearson, Lindsey Berends, Maria Goodall, Catherine Moffat, Julie Burkin, Kathryn Caley, Petrea Fagan, Ben Bowers, Jonathan Mant
PA6229	**Predictors of undiagnosed COPD in the lung cancer screening population** Vladimir Koblizek (Hradec Králové, Czech Republic), Monika Ambrozova, Petr Dvorak, Karel Hejduk, Renata Chloupkova, Ondrej Majek, Ondrej Ngo, Jaromir Zatloukal, Eva Volakova, Kristian Brat, Norbert Kral
PA6230	**A pilot randomised controlled trial of Tailored Intervention for people with moderate-to-severe Chronic Obstructive Pulmonary Disease and Co-morbidities delivered by Pharmacists and Consultant respiratory Physicians (TICC-PCP)** David Anderson (Glasgow, United Kingdom), Richard Lowrie, Aziz Sheikh, Jane Moir, Andrew Mcpherson, Bethany Stanley, Gillian Cameron, Lynda Attwood, Donald Noble, Elaine Rankin, Jennifer Anderson, Nicola Greenlaw, Fiona Hughes, Emma Mcintosh, Samuel Owusu Achiaw, Lesley Anne Tait, Frances Mair
PA6231	**Outcome of patients with LTOT: a nationwide Belgian cohort study** Arne Coussement (Mechelen, Belgium), Michael Staes, Wim Janssens
PA6232	**A prevention focussed approach to improving chronic obstructive pulmonary disease outcomes (PICO)** Jacqueline Brereton (Wirral, United Kingdom), David Tarpey, Sarah Sibley, Ashvina Nawoor, Nazia Syed, Karen Livesey, Mark Rooney, Amit Patel
PA6233	**Cost-effectiveness of integrated disease management for COPD in Ontario, Canada** Mackenzie A Hamilton (Mississauga, Canada), Andrew Scarffe, Anna Hussey, Madonna Ferrone, Kyla C Jamieson, Amyn P Sayani, Ross W Ormsby, Dale Payne, Nirosha M Lederer, Christopher Licskai
PA6234	**Risk factors for severe exacerbations during a quality improvement program: results from a multicentre, single-arm study (CARE4ALL)** Kewu Huang (Beijing, China), Honglei Shi, Shaoxiang Huang, Yanxia Li, Xuhua Lv, Xiaomin Bai, Jinbao Wu, Yuting Duan, Tim Harrison, Chen Wang
PA6235	**Understanding implementation delivery and response in primary care: Findings of the IMP2ART trial process evaluation.** Catherine MacLeod (Edinburgh, United Kingdom), Jessica Sheringham, Brigitte Delaney, Viv Marsh, Vicky Hammersley, Kirstie Mcclatchey, Elizabeth Steed, Stephanie Taylor, Hilary Pinnock
PA6236	**Optimizing cardiovascular risk reduction in comorbid COPD and CVD: a retrospective analysis of single-inhaler triple therapy and LDL-C reduction from 2020-2024** Meredith Donaldson (MARKET RASEN, United Kingdom), Carl Deaney
PA6237	**Enhanced diagnostic assessment in the integrated care setting to guide primary care management of airway disease** Anne-Marie Sweeney (Dublin, Ireland), Eleanor Cronin, Geraldine Nolan, Rachel Anglin, Alessandro Franciosi
PA6238	**Anxiety and depression in mild and moderate COPD patients in comparison to non-COPD smokers.** Effimia Kamariotou (Thessaloniki, Greece), Diamantis Chloros, Dionisios Spyratos, Dionisia Michalopoulou, Ioanna Tsiouprou, Lazaros Sichletidis
PA6239	**Participant acceptability and feasibility of virtual and digital health solutions in a phase IIa COPD trial** Janwillem W.H. Kocks (Groningen, Netherlands), R. Kat, W. Van Der Veen, Y.H. Gerritsma, W. Dott, O. Elizarova, R. Hughes, C. Jonstrand, C. Kristensson, A. Nowojewski, A. Wheal, M.T. Leving
PA6240	**Systematic review of home-based care for the management of COPD patients receiving long-term home non-invasive ventilation** Scott Gibson (Norderstedt, Germany), Claudia Crimi, Simon Oczkowski, Annalisa Carlucci, Jean-Louis Pépin, Joëlle Texereau, Sarah Alami, Juliane Hafermann, Sylwia Kaduk, Rhodri Saunders, Sita Saunders

PS-40 Session 510 12:30 - 14:00

Poster session: Medical education, web, internet, ethics and economics

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Public health | Pulmonary rehabilitation | Endoscopy and interventional pulmonology | Imaging | Respiratory intensive care

Chairs : Hitasha Rupani (Southampton, United Kingdom), Chair to be confirmed

PA6241	**Recruitment of respiratory physicians – disparities between university and non-university hospitals in Germany** Espen Elias Groth (Hamburg, Germany), Erik Büscher, Julia Wälscher, Thomas Bahmer, Matthias Raspe, Nina Sicker, Katharina Buschulte, Christoph Fisser
PA6242	**Retrospective analysis of discharge rates– impact of seven-day service on patient flow.** Evangeline Buck (Birmingham, United Kingdom), Syed Mashood Iqbal, Farrukh Rauf
PA6243	**Qualitive data on patient, doctor and multidisciplinary team (MDT) opinion of 7-day consultant delivered ward rounds/service.** Evangeline Buck (Birmingham, United Kingdom), Rabab Qazi, Ibeleye Fyneface, Farrukh Rauf
PA6244	**Current Evidence of the Burden and Impact of Climate Change on Respiratory Wellness: Impact of Online Medical Education on Physician Knowledge** Shanthi Voorn (Amsterdam, Netherlands), Adriana Stan, Alessia Piazza, Margaux Leberre, Zorana Jovanovic Andersen, Arzu Yorgancioglu
PA6245	**Online Education Yields Significant Gains in Physicians' Knowledge on How to Mitigate the Impact of Climate Change on Lung Disease** Shanthi Voorn (Amsterdam, Netherlands), Adriana Stan, Alessia Piazza, Margaux Le Berre, Zorana Jovanovic Andersen, Arzu Yorgancıoğlu
PA6246	**Bridging care gaps in pulmonary fibrosis: enhancing the patient journey** Jessica Shore (Elmhurst, United States), Dolly Kervitsky, Steve Jones, Sharon Lee, Flora Bery-Janusko, Kamila Sroka-Saidi, Pedro Pinheiro Martins, John Solheim
PA6247	**Residential Course Learning vs. AI Responses with ChatGPT: Comparative Study of Knowledge Acquisition** Lorenzo Carriera (Roma, Italy), Giampaolo Chiapparelli, Roberto Barone, Guido Levi, Angelo Coppola, Andrea Smargiassi, Riccardo Inchingolo, Luca Richeldi
PA6248	**Comparative evaluation of ChatGPT-4, Claude 3.5 Sonnet, and Gemini 1.5 Advanced for patient education on chronic obstructive pulmonary disease (COPD): a global expert assessment of artificial intelligence (AI)-generated responses** Guido Marchi (Pisa, Italy), Giulia Gambini, Giacomo Guglielmi, Francesco Pistelli, Laura Carrozzi
PA6249	**Are chatbots useful for answering patients' narcolepsy-related questions?** Francisco Monteiro Henriques (Batalha, Portugal), Joana Ribeiro, Christine Costa, Ana Rita Martins, Ana Catarina Gameiro, Maria Beatriz Santos, Claudia Santos, Sónia Silva
PA6250	**Accuracy of AI Chatbots in Asthma Care: A Comparative Study of ChatGPT, Gemini, and DeepSeek** Alina Babets (Dnipro, Ukraine), Olha Shchudro, Lyudmyla Konopkina, Yuliia Huba, Larysa Botvinikova, Dariia Koval
PA6251	**Impact of Interstitial Lung Disease Interdisciplinary Network (ILD-IN) membership on healthcare professionals and clinical practice** Marium Naqvi (London, United Kingdom), Doria Barbonchielli, Rosemary Boorsma, Joshua Burrough, Natalie Chen, Laura Fabbri, Nazir Hussain, Maria Koulopoulou, Sarah Mulholland, Cátia Paixão, Claire Walker, Michelle Westlake, Katherine Zakis, Ahmed Fahim
PA6252	**Structured Skill-Based Training in Respiratory Medicine: Addressing the Challenges of a Shortened Curriculum** Colette Davidson (Dundee (Angus), United Kingdom), William Ricketts
PA6253	**Healthcare workers' attitudes and the use of evidence-based antiviral drugs in China: a cross-sectional study** YUXIAN MU (Beijing, China), Xiaoying Gu, Lianhan Shang, Hui Zhang, Yeming Wang, Bin Cao
PA6254	**Challenges and Solutions: Non-Specialist Physicians on the Frontlines of COVID-19 Specialized Hospitals – A Study of Unprepared Deployment and Continuous High-Risk Exposure** Ivana Svilarov (Niš, Republic of Serbia), Aleksandar Ivković
PA6255	**Scientometric analysis of national tuberculosis research performance in Indonesian universities** Aulia Rizkia Herawati (London, United Kingdom), Muhammad Ilham Dhiya Rakasiwi, Roihan Mohamad Iqbal, Farhan Hilmi Taufikulhakim, Erlina Burhan
PA6256	**Knowledge, attitudes and practices of nutritional support among healthcare personnel of drug-resistant tuberculosis (DR-TB) at Ouagadougou** Ragnagnewendé Tanguy NIKIEMA (OUAGADOUGOU, Burkina Faso), Gilbert Nongkouni, Jean F A Tiendrebeogo, Gisèle Badoum
PA6257	**A Survey on the Knowledge, Attitudes and Practices of Internists in a Tertiary Hospital in Cebu Regarding Air Pollution** Sofia Salome Aparece-Solis (CEBU, Philippines)

PA6258 **Effect of health literacy on healthy lifestyle behavior in patients with asthma**
Özge Oral Tapan (Mugla, Turkey), Cemil Burak Boz, Utku Tapan

PA6259 **Development and Evaluation of a Training Program for Navigation Bronchoscopy: Guiding Novices to Proficiency**
Ferhat Beyaz (Nijmegen, Netherlands), Julie E.M. Swillens, Roel L.J. Verhoeven, Rosella P.M.G. Hermens, Erik H.F.M. Van Der Heijden

PA6260 **Evaluation of a multidisciplinary In Situ Simulation (ISS) program within a tertiary Intensive Care Unit (ICU)**
Claire Pickering (Merewether, Australia), Michelle Guilhermino, Jessica Martin

PS-5 Session 511 12:30 - 14:00

Poster session: Digital transformation in respiratory healthcare: virtual hospital, risk stratification, telerehabilitation, remote diagnosis and monitoring

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : General respiratory patient care Pulmonary function testing Public health Pulmonary rehabilitation Transplantation

Chairs : Sami O. Simons (Maastricht, Netherlands), Ireti Adejumo (Nottingham (Nottinghamshire), United Kingdom)

PA6261 **Effects of digital remote care on healthcare utilization and patient satisfaction in COPD**
Silje Bergersen (Skedsmokorset, Norway), Nina Mickelson Weldingh, Bendik Westlund Hegna, Anne Edvardsen, Olav Lenvik, Christiane Kværner, Gunnar Einvik

PA6262 **Using a quasi-experiment design to study the effect of Virtual Hospital care on outcomes for Respiratory Patients**
Michael Shaw (London, United Kingdom), Michal Kelly, Eleanor Zinkin, Niall Keenan

PA6263 **Exploring why patients refuse respiratory Virtual Hospital care**
Michael Shaw (London, United Kingdom), Harry Whelan, Eleanor Zinkin, Niall Keenan

PA6264 **Achieving cost savings through admission to a respiratory virtual ward**
Ketan Patel (London, United Kingdom), Deji Olajide, Marc Rodriguera, Amy Smith, Kate Hall, Annemarie Casey, Marriel Yap, Christopher Yates, Joie Cabaya, Sadaf Iqbal, Mina Begum, Bina Bibi, Richa Singh

PA6265 **Delivering a respiratory virtual ward: An audit of utilisation**
Ketan Patel (London, United Kingdom), Deji Olajide, Marc Rodriguera, Amy Smith, Kate Hall, Annemarie Casey, Marriel Yap, Christopher Yates, Joie Cabaya, Sadaf Iqbal, Mina Begum, Bina Bibi, Richa Singh

PA6266 **Artificial intelligence and clinical guidelines to find at-risk COPD patients for treatment optimisation**
Anouk Veldman (The Hague, Netherlands), Jad El Khoury, Norbert Feigler, Sean Evans, Ashwani Tanwar, Guanyu Tao, Marzana Chowdhury, Jingqing Zhang, Vibhor Gupta

PA6267 **Online consultations for asthma care in UK general practices: a focused ethnographic study**
Md Nazim Uzzaman (ChapaiNawabganj, Bangladesh), Victoria Hammersley, Jessica Sheringham, Kirstie Mcclatchey, Hilary Pinnock

PA6268 **Assessment of control of chronic obstructive pulmonary disease (COPD) in dispensary patients based on the results of telecommunication**
Oles Kuchyn (Kyiv, Ukraine), Maria Vyshniakova, Alina Dovgan

PA6269 **The concordance of virtual coached spirometry in a COPD clinical trial**
Mohd Nubli Mustapa (Cambridge, United Kingdom), Enti Spata, Daniel Windgassen, Mike Aylott, Joao Ferreira, Fatma Nazifova, Caroline Jonstrand, Cecilia Kristensson, Wayne Brailsford, Lars Kurkinen, Paul Thomson, Maria G Belvisi, Katharine Locke, Rod Hughes

PA6270 **Long term effects of a digital physical activity intervention on healthcare utilisation and survival in lung transplant recipients**
Emily Hume (Newcastle Upon Tyne, United Kingdom), Hazel Muse, Kirstie Wallace, Mick Wilkinson, Karen Heslop Marshall, Arun Nair, Stephen Clark, Ioannis Vogiatzis

PA6271 **Evaluation of daily at-home e-diary compliance using online versus offline collection methods in respiratory clinical trials**
Lauren Crooks (Johannesburg, South Africa), Manuela Bossi, Bill Byrom, Elias Ketiar

PA6272 **A scoping review of clinical decision support trials for asthma**
Holly Tibble (Edinburgh, United Kingdom), Bohee Lee, Imogen Skene

PA6273 **Remote Monitoring of Oxygen Saturations to support Clinical Decision-Making in Long-Term Oxygen Therapy titration (LTOT) in COPD Patients**
Michelle Angeli Uno (Balbriggan, Ireland), Michele Cuddihy, Cyril Olugbade, Vincent Brennan, Breda Cushen

PA6274	**Digital interventions for integrated care of OAD patients in India: DECODE Survey** Sonam Vinod Solanki (Mumbai (Maharashtra), India), Arjun Khanna, Richa Mittal, Varun Patel, Arpan Shah, Hardip Maniar, Manu Madan, Angshuman Mukherjee, S Yuvarajan, Rohan Gupta, Vaishali Naik, Meena Lopez, M Senthilnathan, Jaideep Gogtay
PA6275	**Assessment of a telemedicine training program for spirometry performance in primary care.** Leire San Juan Redondo (Portugalete, Spain), Laura Cortezón Garces, Teresa Bretos Dorronsoro, Carlos Caldera Fernández, Eva Tabernero Huguet, Iker Ormaetxea Saenz De Buruaga, Maria Aranzazu Becerril Urbina, Francisco Serna Rodríguez, Borja Santos Zorrozúa, Nuria Marina Malanda
PA6276	**Impact of a telemonitoring program on patient satisfaction and exacerbations in severe asthma** Anita Lídia Lascasas Trigueira (Porto, Portugal), Luís Miguel Santos Silva, João Pedro Macedo, Lúcia Gonzalez, Rita Matos Gomes, Jorge Ferreira
PA6277	**Effect of Pilates-Based Exercises Applied With Hybrid Telerehabilitation Method on Respiratory Parameters and Functional Capacity in Scoliosis** Ayşe Sena Manzak Dursun (Istanbul, Turkey), Semiramis Ozyilmaz, Hikmet Ucgun, Nuh Mehmet Elmadag
PA6278	**Evaluating telemonitoring strategies for chronic respiratory diseases: a feasibility study** Julien Lebleu (Bruxelles, Belgium), Benoit Ernst, Marie Bruyneel, Kevin Forton, Thomas Pasau, Maureen Gagliardi, Helene Van Cauwenberge, Julien Guiot
PA6279	**Internet of things-based home non-invasive ventilation in COPD patients with hypercapnic chronic respiratory failure: cost benefit analysis.** Chenjun Zhou (Beijing, China), Hongen Liao, Yuanlin Song

PS-6 Session 512 12:30 - 14:00

Poster session: New insights in pulmonary health from cardiopulmonary exercise testing

Disease(s) : Thoracic oncology Airway diseases Pulmonary vascular diseases Interstitial lung diseases Sleep and breathing disorders Respiratory critical care

Method(s) : Physiology Pulmonary function testing Surgery General respiratory patient care Endoscopy and interventional pulmonology Pulmonary rehabilitation Respiratory intensive care

Chairs : Paolo Palange (Rome, Italy), Michele Schaeffer (Vancouver, Canada)

PA6281	**The impact of different maximality criteria on CPET evaluation in chronic respiratory disorders: a retrospective cohort study** Michaël Staes (Leuven, Belgium), Iwein Gyselinck, Maarten De Vos, Thierry Troosters, Wim Janssens
PA6282	**Novel paradigms for clinical CPET interpretation: dynamic assessment of dyspnoea and ventilation during exercise (DyVe-X)** J. Alberto Neder (Kingston (ON), Canada), Abed Hijleh, Danilo Berton, Igor Neder-Serafini, Matthew James, Sandra Vincent, Devin Phillips, Nicolle Domnik, Denis O'Donnell
PA6283	**Streamlining investigation of post PE dyspnoea using cardiopulmonary exercise testing (CPET).** Michael Pynn (Abergavenny, United Kingdom), Rebecca Heath
PA6284	**Low dynamic ventilatory reserve during exercise in pulmonary hypertension: physiological and sensory implications** Litiele Evelin Wagner (Porto Alegre, Brazil), Jheniffer Girelli, Luiza Hessler, Filipe Sanchez, Igor Gorski Benedetto, Marcelo Basso Gazzana, Abed Abu Hijleh, Denis E O'Donnel, J Alberto Neder, Danilo Cortozi Berton
PA6285	**The utility of CPET in survival prediction and intervention stratification in high-risk AAA patients** Ryan Pettifer (Coventry, United Kingdom), Joanna Shakespeare, Vicky Moore, Edward Parkes
PA6286	**FEV1 and VO2peak: predictors of postoperative complications in lung resection surgery** Inês Alexandra Mendes Júlio (S. Manços, Portugal), Raquel Barros, Daniela Godinho, Sofia Pinto, Ana Sofia Oliveira, Fátima Rodrigues
PA6287	**Exercise performance for long-term outcome prediction in patients with liver cirrhosis** Teresa John (Graz, Austria), Alexander Avian, Antonia Laule, Maximilian Gumpoldsberger, Vasile Foris, Nikolaus Kneidinger, Gabor Kovacs, Vanessa Stadlbauer, Rudolf Stauber, Philipp Douschan
PA6288	**High-Intensity Respiratory Muscle Training as Pre-habilitation in Lung Resection Surgery: a randomized controlled trial.** Kristian Brat (Brno, Czech Republic), Ivan Cundrle, Samuel Genzor, Marek Plutinsky, Pavel Homolka, Alena Pokorna, Filip Dosbaba, Monika Mikulaskova, Michal Svoboda, Lyle Olson

PA6289	**The effects of intermittent hypoxic training strategies on maximal oxygen uptake: a meta-analysis with meta-regression** Dario Kohlbrenner (Zurich, Switzerland), Abdallah Ghaith, Charles Khouri, Joey Fournier, Samarmar Chacaroun, Paul Robach, Monique Mendelson, Patrice Flore, Mathieu Marillier, Julien Brugniaux, Jean-Louis Pépin, Renaud Tamisier, Samuel Verges
PA6290	**Could VE/VCO2 predict postoperative lung cancer surgery complications?** Daniela Godinho (Azeitão, Portugal), Raquel Barros, Inês Júlio, Sofia Pinto, Ana Sofia Oliveira, Fátima Rodrigues
PA6291	**Role of Cardiopulmonary Exercise Testing (CPET) for the screening of Pulmonary Hypertension (PH) in patients with Paroxysmal Nocturnal Hemoglobinuria (PNH)** Matteo Morviducci (Roma, Italy), Roberto Romiti, Luigi Panza, Antonio Fabozzi, Marco Moschella, Giulia Lo Muzio, Flavio Marco Mirabelli, Daniel Piamonti, Anna Paola Iori, Gregorino Paone, Matteo Bonini, Paolo Palange
PA6292	**Contrasting dynamic and peak ventilatory reserve during incremental CPET in pulmonary hypertension** Litiele Evelin Wagner (Porto Alegre, Brazil), Jheniffer Girelli, Luiza Hessler, Filipe Sanchez, Carla Tatiana Martinn Oliveira, Marcelo Basso Gazzana, Abed Abu Hijleh, Denis E O'Donnel, J Alberto Neder, Danilo Cortozi Berton
PA6293	**Effects of bariatric surgery on exercise hemodynamics and oxygen metabolism: a prospective observational study with the use of cardiopulmonary exercise testing.** Agnieszka Chwiedź (Białystok, Poland), Łukasz Minarowski, Hady Razak Hady, Robert M. Mróz
PA6294	**Improvement in cardiopulmonary exercise testing after lung volume reduction treatment with endobronchial coils** Marlies van Dijk (Groningen, Netherlands), Joanne Sloots, Sonja Augustijn, Karin Klooster, Dirk-Jan Slebos, Jorine Hartman
PA6295	**Upright-to-supine exercise transition in younger and older subjects: effects on pulmonary gas-exchange efficiency** Matthew D. James (Kingston (ON), Canada), John Mccleary, Sandra G. Vincent, Reggie M. Smyth, Guilherme Back, Karam Alosta, Chu-Yi Wang, William Stringer, Janos Porszasz, Denis E. O'Donnell, J. Alberto Neder
PA6296	**Dysfunctional Breathing:CPET as a Diagnostic Tool and Shared Lung Physiology in Body Plethysmography** Beauty Biswas (West Bengal, India), Beauty Biswas, Arup Halder, Shyam Krishnan, Raja Dhar
PA6297	**VO2peak Adjustment for Fat-Free Mass in Obese Patients Before Pulmonary Resection** Sofia Moreira Magno Pinto (Lisboa, Portugal), Raquel Barros, Inês Júlio, Daniela Godinho, Fátima Rodrigues, Ana Sofia Oliveira
PA6298	**The clinical utility of using impedance cardiography during CPET to measure stroke volume and derive oxygen extraction in a paediatric population - challenging current concepts** Cameron Mcdermid, Scott Tart, Collen Carden, Ross Langley, Philip Davies, Paul Burns
PA6299	**A nine-field matrix of ventilatory efficiency in combination with peak oxygen uptake may improve risk stratification in patients undergoing major pulmonary resection** Karolina Kristenson (Linköping, Sweden), Johan Hylander, Miklos Boros, Eva Tamas, Gabriel Högström, Kristofer Hedman
PA6300	**Late Breaking Abstract - Muscle Oxygenation Kinetics Are Impaired in Long COVID: A Case-Control Study Using NIRS** Cássia Goulart (São Carlos, Brazil), Claudia Cristina Conde Holanda Sobral, Robson Fernando Borges, Thomas Beltrame, Vinicius Z. Maldaner, Leandro Franzoni, Cristiane Maria Carvalho Costa Dias, Luiz Eduardo Fonteles Ritt, Fernando Almeida-Val, Lawrence P. Cahalin, Graziella França Bernardelli Cipriano, Ricardo Stein, Gerson Cipriano Junior

PS-7 Session 513 12:30 - 14:00

Poster session: Intensive care unit mix

Disease(s) : Respiratory critical care | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Respiratory intensive care | Epidemiology | Physiology | Pulmonary function testing | Cell and molecular biology | General respiratory patient care | Transplantation | Surgery

Chairs : Rudolfs Vilde (Rīga, Latvia), Chair to be confirmed

PA6301	**Internal Jugular Vein Distensibility Index and Changes in End-Tidal CO2 to Predict Fluid Responsiveness in Mechanically Ventilated Patients with Shock** Trirong Choosongdet (Surin, Thailand), Nuntanuj Vutthikraivit, Preut Assawaworrarit, Thitiwat Sriprasat, Monvasi Pachinburavan
PA6302	**Prognostic assessment of patients with advanced-stage lung cancer in intensive care unit, a retrospective observational study** Anas Hila (Bruxelles, Belgium), Lionel Pirard, Pierre Bulpa, Isabelle Michaux, Arnaud Robert, Fabrice Duplaquet, Sebahat Ocak

PA6303	**The lactate to albumin ratio as a prognostic tool in sepsis** Irene Karampela (Athens, Greece), Dimitris Kounatidis, Natalia Vallianou, Fotis Panagopoulos, Dimitrios Tsilingiris, Maria Dalamaga
PA6304	**A new technique for bedside functional residual capacity assessment: comparison with Body Plethysmography** Jessica Luiz (Oxford, United Kingdom), Ella Mcloughlin, Graham Richmond, Nick Talbot, Grant Ritchie, Matthew Frise, Peter Robbins
PA6305	**Advancing Shock Prediction: Leveraging Prior Knowledge and Self-Controlled Data for Enhanced Model Accuracy and Generalizability** Chien-Hua Tseng (New Taipei City, Taiwan)
PA6306	**Immunomodulatory effects of dopamine signaling dampens macrophage-driven acute lung injury via modulating mitochondrial activity in a JAML/IL-10-dependent manner** Wu Di (Shanghai, China), Liao Ximing, Gao Jing, Wang Kun, Gao Wei
PA6307	**"Same same but different" - baseline data comparison b/w COVID-19 and other high-risk invasive ventilated patients in PRiVENT** Biljana Joveš (Ludwigsburg, Germany), Benjamin Neetz, Jana-Christina Dahlhoff, Philipp Högger, Elena Biehler, Thomas Fleischhauer, Julia Michels-Zetsche, Michel Wensing, Axel Kempa, Claus Neurohr, Armin Schneider, Joachim Szecsenyi, Felix Jh Herth, Franziska Trudzinski
PA6308	**Association between admission pan-immune-inflammation value and in-hospital mortality in critically ill COPD patients: A cohort study** Mohan Giri (Chongqing, China), Anju Puri, Lan Huang, Shuliang Guo
PA6309	**The Standardized Prophylaxis and Risk Factors for Venous Thromboembolism in Patients of Respiratory Intensive Care unit: a Retrospective Observational Study** Xiaohui Wang (Chongqing, China), Binyan Fu, Shengxin Fan, Jiazhou Liu, Yuliang Liu, Hong Chen
PA6310	**Inhalation Safety and Pharmacokinetics of the Cysteine Cathepsin Inhibitor Aloxistatin (E64d) – a phase 1 trial (COALITION-I)** Sebastian Fähndrich (Freiburg, Germany), Lydia Herbstritt, Franziska Friedrich, Britta Lang, Daniel Soriano, Xuan Phuoc Nguyen, Gernot Rohde, Daiana Stolz, Robert Bals, Christoph Peters, Martin J. Hug, Caroline Jenkner
PA6311	**Serum fibroblast growth factor 21 for predicting mortality in patients with acute respiratory distress syndrome** Patinya Maneesow (Bangkok, Thailand), Nuntanuj Vutthikraivit, Awirut Charoensappakit, Nattapong Jaimchariyatam, Asada Leelahavanichkul, Monvasi Pachinburavan
PA6312	**Efficacy and safety of tocilizumab in covid-19 critically ill patients: a multicenter cohort study** Amira Jamoussi (Ariana, Tunisia), Ilyes Sellami, Sirine Rhaiem, Mohamed Khalil Ghozzi, Oussama Jawad, Souheil El Atrous, Lynda Ben Messaoud, Sami Abdellatif, Kais Ben Romdhane, Youssef Blel, Imed Aissa, Takoua Merhebene, Emna Rachdi, Nacef Ben Mrad, Selim Sellaouti, Samia Ayed, Jalila Ben Khelil
PA6313	**Outcomes of Patients Bridged to Lung Transplant with Extracorporeal Membrane Oxygenation: A Single-Center Experience** YEHIA RABEA MOSTAFA (Riyadh, Saudi Arabia), Rayid Abdulqawi, Fayyaz Baig, Waleed Saleh, Dalia Obeid, Eid Almutairy
PA6314	**Descending necrotizing mediastinitis - what are we doing?** Flora Varga (Budapest, Hungary), Fruzsina Elek, Zsuzsanna Miklós, Szabolcs Szigeti
PA6315	**Clinical profile of patients with post-operative pulmonary complications in a tertiary care hospital – an observational study.** Dhruvi Rathod (MUMBAI, India), Radha Munje, Gyanshankar Mishra, Sanjay Gour
PA6316	**Artificial Intelligence for Differentiating the Causes of Dyspnea** Maria Boesing (Liestal, Switzerland), Justus Constantin Baarts, Joerg Daniel Leuppi, Giorgia Lüthi-Corridori
PA6317	**Late Breaking Abstract - Therapeutic Augmentation of ARDS Treatment via VCAM-1 Targeting Peptide Anchored on Engineered MSC-EVs using Cholesteryl Lipid Anchors** Yuxuan Zhang (shanghai, China), Mengmeng Shi, Anruo Xu, Yinggang Zhu, Jieming Qu
PA6318	**Late Breaking Abstract - Transcriptional switch from transcellular to paracellular pathways via intestinal claudin-2 increases gut-blood trafficking of microbial acetate in sepsis.** Mark Adame (Ann Arbor, United States), Nicole Falkowski, Lilian Maynard, Samantha Nichols, Kale Bongers, Michael Mclellan, Kathleen Stringer, Robert Dickson
PA6319	**Late Breaking Abstract - Treatment with clinical-grade nebulized allogenic adipose mesenchymal stromal cells -derived extracellular vesicles for acute respiratory distress syndrome (MEX study): a pilot phase 2a safety trial** Mengmeng Shi (Shanghai, China), Rong Chen, Yuxuan Zhang, Yinggang Zhu, Jieming Qu

PA6320 **Late Breaking Abstract - Impact of a structured protocol and tracheal stoma stents on survival in complex weaning from invasive mechanical ventilation**
Maria Morante (Madrid, Spain), Alba Naya, Pilar Carballosa, Itziar Fernandez, Maria Jesus Rodriguez, Sarah Heili

PS-8 Session 514 12:30 - 14:00

Poster session: Tracing respiratory disease trajectories: from early origins to late-stage pathology

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Public health Pulmonary function testing Physiology General respiratory patient care

Chairs : Laura Bergantini (siena, Italy), Chair to be confirmed

PA6321 **Deciphering early-stage mechanisms of progressive pulmonary fibrosis through single-cell and spatial profiling**
Huijuan Wang (Bern, Switzerland), Klara Schnyder, Cheryl Magnin, Joshua Roos, Hanne Voet, Matthias Brunner, David Ferreira, Sara Krättli, Manuela Funke-Chambour, Remy Bruggmann, Adela-Cristina Sarbu, Janina Wolf, Stijn Verleden, Britta Maurer, Janine Gote-Schniering

PA6322 **Disease agnostic protein biomarker discovery platform facilitating single-molecule detection, and detection of post-translational modifications**
Åsa Wheelock (Stockholm, Sweden)

PA6323 **Targeted integration of multi-omic markers for eosinophilic and neutrophilic asthma**
Khezia Asamoah (London, United Kingdom), Nazanin Zounemat Kermani, Kian Fan Chung, Ruben Colindres Zuehlke, Pankaj Bhavsar, Ian Adcock, Dragana Vuckovic, Marc Chadeau Hyam

PA6324 **Enhancing Immunotherapy in Advanced NSCLC: A Meta-Analysis of Metabolic Modulators and Immune Checkpoint Blockade**
Hassan Tariq (Faisalabad, Pakistan), Daanyal Siddiqui, Abdullah Khan

PA6325 **Towards a better differential diagnosis of interstitial lung disease associated with connective tissue diseases and idiopathic pulmonary fibrosis: TGFB isoforms as promising biomarkers**
Verónica Pulito-Cueto (Santander, Spain), Joao C. Batista-Liz, David Iturbe-Fernández, Victor M. Mora-Cuesta, Sheila Izquierdo Cuervo, Belén Atienza-Mateo, Ricardo Blanco, Raquel López-Mejías, José M. Cifrián

PA6326 **Association between asthma symptom control and omics in the U-BIOPRED cohort**
Joana Antão (Aveiro, Portugal), Guilherme Rodrigues, Nazanin Zounemat-Kermani, Paolo Montuschi, Qichen Deng, Frits M. E. Franssen, Ian M. Adcock, Sven-Erik Dahlén, Scott S. Wagers, Martijn A. Spruit, Alda Marques, On Behalf Of The U-Biopred Study Group

PA6327 **Mechanisms of Resistance to Immune Checkpoint Inhibitors in Advanced Lung Cancer: Insights from a Meta-Analysis of Biomarkers and Combination Therapies**
Hassan Tariq (Faisalabad, Pakistan), Daanyal Siddiqui, Abdullah Khan

PA6328 **Epithelial-mesenchymal transition (EMT) changes in patients with LAM and IPF**
Wenying Lu (Newnham, Australia), Affan Mahmood Shahzad, Jade Jaffar, Glen Westall, Darren Sutherland, Rama Satyanarayana Raju Kalidhindi, Nimesha De Fonseka, Venkatechalem Sathish, Greg Haug, Tillie L Hackett, Sukhwinder Singh Sohal

PA6329 **LSC - 2025 - Targeting the Fibrotic Phase of Diffuse Alveolar Damage: Early Pathways for Post-COVID-19 pulmonary fibrosis**
Sabrina Setembre Batah (Toronto, Canada), Andrea Herrera, Wagner Telini, Amin Ektesabi, Chirag Vaswani, Claudia Dos Santos, Tales De Nadai, Marcel Santos, Alexandre Fabro

PA6330 **Genetic variants underpinning lung function decline in the Lifelines cohort study**
Rui Marçalo (Aveiro, Portugal), Corry-Anke Brandsma, Peter J. Van Der Most, Alda Marques, Gabriela R. Moura, Maarten Van Den Berge, Judith M. Vonk, Maaike De Vries

PA6331 **Molecular investigation of surfactant related genes in interstitial lung disease: results from 699 unrelated children and young adults. A CRC chILDEU study**
Camille Louvrier (Paris, France), Nadia Nathan, Vincent Cottin, Tifenn Desroziers, Valérie Nau, Yohan Soreze, Florence Dastot-Le Moal, Philippe Reix, Diane Bouvry, Caroline Thumerelle, Martine Reynaud-Gaubert, Alice Hadchouel, Grégoire Prévot, Effrosyni Manali, Caroline Kannengiesser, Ibrahima Ba, Serge Amselem, Véronique Houdouin, Raphaël Borie, Marie Legendre

PA6332 **Potential drivers of EndMT in pulmonary arteries of patients with early COPD**
Wenying Lu (Newnham, Australia), Prem Bhattarai, Ashutosh Hardikar, Archana Vijay Gaikwad, Surajit Dey, Affan Mahmood Shahzad, Stephen Myers, Andrew Williams, Darren Sutherland, Gurpreet Kaur Singhera, Tillie L Hackett, Mathew Suji Eapen, Sukhwinder Singh Sohal

PA6333	**Clinical and molecular profiles of eosinophilic inflammation in childhood- and adult-onset asthma** Freda Yang (London, United Kingdom), Kian Fan Chung, Takehiro Hasegawa, Wafaa Shehada, Chloe I Bloom, Ian M Adcock, Nazanin Zounemat-Kermani
PA6334	**Alterations in bronchial epithelial mRNA and miRNA expression in early adulthood of preterm born with a history of bronchopulmonary dysplasia (BPD) differes from that of healthy and asthmatics** Åsa Wheelock (Stockholm, Sweden), Martina Bonatti, Nicole Wagner, Iryna Kolosenko, Petra Um-Bergström, Eva Berggren-Broström, Magnus Sköld
PA6335	**Spatial Transcriptomics Profiling and Bulk RNA Sequencing to Assess Niches in End-Stage Silicosis** Nebal Abu Hussein (Basel, Switzerland), Taylor Adams, Sabina Anderson, Mordechai Kramer, Fadi Nikola, Robert Robert, Abderrahman Najjar, Prapti Sharma, Luning Yang, Yuening Zhang, Xiting Yan, Barak Pertzov, Naftali Kaminski
PA6336	**Spatiotemporal trajectory of B cells in lymphoid follicle of COPD** Hao Chen (Sydney (NSW), Australia), Joselyn Rojas Quintero, Sobia Idrees, Vrushali Chimankar, Francesca Polverino, Alen Faiz, Philip Hansbro
PA6337	**Late Breaking Abstract - PUFIN lncRNA targeting modulates genes implicated in IPF pathogenesis** James Karras (San Diego, United States), Heather Lynn, Douglas J Chapski, Rasha Jaber, Baroj Abdulkarim, Claire Roberts, Kristen Gentry, Chih Liang Tien, Rene Dreos, Alexandra Iouranova, Alexis Loetscher, Joaquim Cruz, Venkatesh Kancherla, Chloe Picq, Maria Marcuello, Fanny Kling, Marcos Mina, Ana Catarina Silva, Jordan Shin, Rudi Micheletti, Daniel Blessing, Samir Ounzain
PA6338	**Late Breaking Abstract - Novel Prognostic Biomarkers in Idiopathic Pulmonary Fibrosis: A Proteomic Study** Jonathan Röcken (Basel, Switzerland), Jannik Ruwisch, Anna Maria Geiselmann, Adnan Azim, Yasmina Bauer, Antje Prasse
PA6339	**Late Breaking Abstract - Decoding long-term mortality in COPD through metabolomics and machine learning** César Jessé Enríquez Rodríguez (Barcelona, Spain), Bella Agranovich, Sergi Pascual-Guardia, Rosa Faner, Ramon Camps-Ubach, Ady Castro-Acosta, José Luis López-Campos, German Peces-Barba, Diego Rodríguez-Chiaradia, Esther Barreiro, Eduard Monso, Borja G. Cosío, Ifat Abramovich, Alvar Agustí, Carme Casadevall, Joaquim Gea Guiral
PA6340	**Late Breaking Abstract - Circulating cell-free DNA methylation profiles distinguish COPD and predict lung function decline in former smokers** David Sanz Rubio (Zaragoza, Spain), Kylie Cataldo, Zhen Lyu, Jorge Rodríguez-Sanz, Mohammad Vahed, Pablo Cubero, Marta Marin-Oto, Trupti Joshi, David Gozal, José M. Marin, Rene Cortese

PS-9 Session 515 12:30 - 14:00

Poster session: Human studies in lung disease: clinical and molecular insights

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Chairs : Rosa Faner (Barcelona, Spain), Jonathan Baker (London, United Kingdom)

PA6341	**Swedish study participants undergoing research bronchoscopy - an acceptable or an awful experience?** Pernilla Sönnerfors (Stockholm, Sweden), Petra Kristina Jacobson, Anders Andersson, Leif Bjermer, Anders Blomberg, Heléne Blomqvist, Jonas S Erjefält, Christer Janson, H Lennart Persson, Ellen Tufvesson, Åsa Wheelock, Magnus Sköld, Annelie Behndig
PA6342	**Sex-differences in airway transcriptomic signatures in asthma.** Joe Zein (Scottsdale, United States), Sarita Poonia, Lacey Nixon, Bo Hu, Dawn Demeo, Patricia Silveyra, Abhishek Kumar Shrivastav, Amy Attaway, Shuo Cao, Mario Castro, Stephanie Christenson, Serpil Erzurum, John Fahy, Benjamin Gaston, Elliot Israel, Nizar Jarjour, Bruce Levy, David Theodore Mauger, Wendy Moore, Sally Wenzel, Prescott G Woodruff, Victor Ortega, Deborah Meyers, Eugene Bleecker
PA6343	**Single-Cell Transcriptomics of Eosinophil in Allergic Asthma** Andrius Januskevicius (Kaunas, Lithuania), Egle Vasyle, Airidas Rimkunas, Jolita Palacionyte, Inesa Jermalaviciene, Kestutis Malakauskas
PA6344	**Greater airway inflammation on endobronchial biopsy and better lung function in children versus adults with severe asthma: opportunities for intervention?** Miriam Cardoso Neves Eller (São Paulo (SP), Brazil), Jôse Mára De Brito, Natália De Souza Xavier Costa, Karina Pierantozzi Vergani, Regina Maria Carvalho-Pinto, Joaquim Carlos Rodrigues, Luiz Vicente Ribeiro Ferreira Da Silva Filho, Thais Mauad

PA6345	**Airway inflammation in Primary Ciliary Dyskinesia:data from the EMBARC BRIDGE study** Erin Cant (Dundee, United Kingdom), Emma Johnson, Morven Shuttleworth, Eve Mcintosh, Holly Lind, Natalie Lorent, Felix Ringshausen, Pieter Goeminne, Michal Shteinberg, Anthony Desoyza, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Katerina Dimakou, Adelina Amorim, Rosario Menendez, Anne Marie Mclaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Stefano Aliberti, Michael Loebinger, Merete Long, James Chalmers, Amelia Shoemark
PA6346	**Characteristic of oxo-metabolomic profile in patients with aspirin-exacerbated respiratory disease and obesity.** Piotr Szatkowski (Katowice, Poland), Adam Stępień, Gabriela Trąd-Wójcik, Radosław Kacorzyk, Adam Ćmiel, Anna Gielicz, Hanna Plutecka, Bogdan Jakiela, Marek Sanak, Lucyna Mastalerz
PA6347	**Biological predictors of response to systemic corticosteroids in asthma attacks: PRISMA translational results** Carlos Andrés Celis Preciado (Bogotá (Cundinamarca), Colombia), Elsa Ben Hamou Kuijpers, Mohamed-Ilias Kourid, Simon Leclerc, Martine Duval, Dominic Cliche, Félix-Antoine Vézina, Pierre Larivée, Samuel Lemaire-Paquette, Philippe Lachapelle, Martin Klein, Simon Couillard
PA6348	**Serum proteomic analyses to identify systemic inflammation driving asthma exacerbations** James Eastall (Nottingham, United Kingdom), Ashish Pradhan, Yik Lam Pang, Robert J Hall, Alexander Clay, Tim Harrison, Dominick Shaw, Matthew J Martin, Ian Sayers
PA6349	**Diagnosing respiratory conditions using exhaled breath condensate (EBC)** Lauren Fox (Southampton, United Kingdom), Leon D'Cruz, Ruth De Vos, Anoop Chauhan
PA6350	**From mice to humans: Pathway analysis uncovers shared and distinct effects of IL-33 versus IL-4Rα blockade in asthma** Seblewongel Asrat (Tarrytown, United States), Kaitlyn Gayvert, Subhashini Srivatsan, Matthew Wipperman, Sivan Harel, Dave Singh, Andrea Hooper, George Scott, Dylan Birchard, Julie Horowitz, Li-Hong Ben, Erica Chio, Jennifer Maloney, George Kalliolias, Marcela Ruddy, Sara Hamon, Gary Herman, Andrew Murphy, Helene Goulaouic, Matthew Sleeman, Weikeat Lim, Jennifer Hamilton, Jamie Orengo
PA6351	**Point-of-care intraoperative lung nodule histological diagnosis** Sylvia Spies (Amsterdam, Netherlands), Annick J. H. E. Van Der Kroef, Roel L. J. Verhoeven, Erik H. F. M. Van Der Heijden, Teodora Radonic, David J. Heineman, Martijn Van Dorp, Chris Dickhoff, Peter I. Bonta, Johannes M. A. Daniels, Jouke T. Annema, Marie Louise Groot
PA6352	**Characterisation of implant-associated granulation tissue and its impact on complications** Kimberly Barbet (Essen, Germany), Anja E. Luengen, Birte Schwarz, Anja L. Thiebes, Christian Taube, Michaela Schedel, Kaid Darwiche
PA6353	**Maladaptive plasticity of airway basal progenitor cells drives post-COVID respiratory sequelae and epigenetic reprogramming by mesenchymal stem cells** Sheng Du (Guangzhou, China), Shiyue Li
PA6354	**T cell modulation by mesenchymal stromal cells in COPD: a phenotype-specific analysis** Zeynep Mercanci (Istanbul, Turkey), Zeynep Tunca, Sabriye Senem Kilic, Derya Kocakaya, Caner Cinar, Sehnaz Olgun Yildizeli, Esra Akdeniz, Tunc Akkoc, Emel Eryuksel
PA6355	**Pilot Morphological and Functional Study of the Respiratory Epithelium in Children with Post-Infectious Bronchiolitis Obliterans** Julie Mazenq (Plan de Cuques, France), Léa Moreno, Jean-Christophe Dubus, Pascal Chanez, Delphine Gras
PA6356	**Airway IL-33 levels are similar in current and former smokers with stable or exacerbating COPD** Jessica Neisen (Stevenage, United Kingdom), Ian C. Scott, Giovanna De Palo, Tommaso Morelli, Helen Killick, Christopher Mc Crae, Sam Strickson, Sophie Sagawe, Tomas Ottosson, Adnan Azim, Anna Freeman, Martha Purcell, Lisa Oberg, Kristoffer Ostridge, Daniel Muthas, E Suzanne Cohen, Adam Platt, Tom Wilkinson
PA6357	**Plasma concentrations of short-chain fatty acids in COPD patients and healthy controls: Exploring the gut-microbiota link** Anders Ørskov Rotevatn (Nesttun, Norway), Tomas Mikal Lind Eagan, Adrian Mccann, Johnny Laupsa-Borge, Solveig Tangedal, Gunnar Reksten Husebø, Rune Nielsen
PA6358	**CCR5+Siglec-1– lung macrophages associate with local and systemic manifestations in COPD** Shuichi Konno (Sendai, Japan), Naoya Fujino, Takuya Saito, Yoshinao Ono, Mitsuhiro Yamada, Hisatoshi Sugiura
PA6359	**Mucins in the mist: unmasking early airway changes in pre-COPD** Hanne Voet (Wilrijk, Belgium), Deepesh Dhakad, Jeroen M. H. Hendriks, Wen Wen, Dieter Peeters, Annemieke Smet, Annemiek Snoeckx, Thomas Conlon, Stijn Verleden, Ali Öender Yildirim, Thérèse Lapperre
PA6360	**Comparing blood and lung parenchyma myeloid cell immunophenotypes in smoking and COPD** Mehrdad Arjomandi (San Francisco, United States), Courtney Tamaki, Siyang Zeng, Chantal Kloth, Binh Trinh, Joshua Vasquez

Elicium 1 Session 516 12:45 - 13:45

Joint session: Inhaler technique, training and technology: making a difference for our patients across the world

Aims : to update fellow physicians and health personnel on the challenges of choosing and using the proper inhaler for the proper patient globally and how technology can assist with this.

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Monbi Stefanova Chakma (London, United Kingdom)

12:45	**Global perspectives in inhaler therapy: education, innovation, access and the environment** Job F.M. van Boven (Groningen, Netherlands)	**6361**
13:00	**Choosing the right inhaler and implementing improved inhaler technique in the clinic** Omar S. Usmani (London, United Kingdom)	**6362**
13:15	**Digital technology to improve inhaler engagement and use** Amy Hai Yan Chan (Auckland, New Zealand)	**6363**
13:30	**Discussion and Q&A** All speakers	**6364**

Studio Session 520 13:00 - 13:45

Skills lab: Using ventilator download data and telemedicine in children with respiratory technology dependence

Aims : to present how to interpret some of the different ventilatory waveforms seen from ventilator downloads; to learn what adjustments could be made to improve ventilation and comfort using ventilator download data in conjunction with gas exchange data; to explain the potential of telemonitoring of patients on home mechanical ventilation and some of the practicalities and challenges in real life.

Disease(s) : Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Stijn Verhulst (Antwerpen, Belgium), Refika Hamutcu Ersu (Ottawa, Canada)

13:00	**Interpreting ventilator download data using waveforms** Sonia Khirani (Paris, France)	**6380**
13:20	**Telemonitoring of children with respiratory technology dependence** Hui Leng Tan (London, United Kingdom)	**6381**
13:35	**Discussion and Q&A** All speakers	**6382**

Auditorium Session 521 13:45 - 15:15

State of the art session: Respiratory infections

The importance of infection prevention and control to prevent transmission of respiratory infections

Aims : to outline how timely interventions like isolation of symptomatic patients, proper use of personal protective equipment and environmental controls can significantly reduce transmission of mycobacterial and viral respiratory infections; to clarify the lack of appropriate biomarkers for determining infectiousness of mycobacterial and viral respiratory infections; to discuss the importance of controlling drug-resistant pathogens like multidrug-resistant bacteria and drug-resistant tuberculosis, especially in relation to the rising threat of antimicrobial resistance in respiratory infections.

Disease(s) : Paediatric respiratory diseases Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Onno Akkerman (Groningen, Netherlands), Markus Fally (Copenhagen, Denmark), Olha Konstantynovska (Kharkiv, Ukraine)

13:45	**Facing the challenges of curbing the transmission of tuberculosis** Giovanni Battista Migliori (Varese (VA), Italy)	**6383**
14:00	**The impact of non-tuberculous mycobacteria in patients with underlying respiratory diseases** Mateja Jankovic Makek (Zagreb, Croatia)	**6384**
14:15	**Viral point-of-care testing, prevention and patient cohorting** Clark Tristan (Southampton, United Kingdom)	**6385**
14:30	**Antimicrobial resistance in respiratory infections: challenges** Eva Polverino (Barcelona, Spain)	**6386**
14:45	**Discussion and Q&A** All speakers	**6387**

7A Session 522 13:45 - 15:15

Respiratory medicine meets other disciplines: Right ventricular phenotypes in heart and lung disease

Aims : to discuss the physiology and pathophysiology of the right ventricle in different clinical circumstances, from chronic obstructive pulmonary disease and interstitial lung diseases to pulmonary hypertension associated with systemic diseases; to provide an overview of right heart function in the peripartum period of a patient with pulmonary hypertension.

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : General respiratory patient care Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : George Giannakoulas (Thessaloniki, Greece), Harm Jan Bogaard (Amsterdam, Netherlands)

13:45	**Cor pulmonale revisited** Gabor Kovacs (Graz, Austria)	**6388**
14:00	**Right ventricular phenotypes in left heart disease** Stephan Rosenkranz (Köln, Germany)	**6389**
14:15	**Tricuspid repair in the pressure-overloaded right heart. No or perhaps sometimes?** Karl-Patrik Kresoja (Mainz, Germany)	**6390**
14:30	**Right ventricular function in the peripartum period** Da-Hee Park (Hannover, Germany)	**6391**
14:45	**Discussion and Q&A** All speakers	**6392**

Elicium 2 Session 523 13:45 - 15:15

Symposium: Interstitial lung diseases around the world
Cultural and regional differences

Aims : to increase knowledge and awareness among healthcare professionals about the diagnosis, management and impact of interstitial lung diseases (ILDs) and highlight differences between continents; to foster collaboration among pulmonologists, radiologists, pathologists, researchers and other specialists around the world in order to share insights and develop more effective treatment protocols; to discuss the reality and differences in continents in relation to patient care strategies that focus on improving quality of life, early diagnosis and personalised treatment plans based on individual disease progression and characteristics; to share clinical guidelines, case studies and best practices for the management of ILDs.

Disease(s) : Interstitial lung diseases Respiratory infections

Method(s) : Epidemiology General respiratory patient care Palliative care

Tag(s) : Clinical, Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Cormac McCarthy (Dublin 4, Ireland), Laura Fabbri (London, United Kingdom)

13:45	**Differences in prevalence and treatment of hypersensitivity pneumonitis worldwide** Carlos Alberto De Castro Pereira (São Paulo (SP), Brazil)	**6393**

14:00	**Cultural differences in palliative care for patients with ILDs** Sabrina Bajwah (London, United Kingdom)	**6394**
14:15	**Is there a regional difference in acute exacerbations of fibrosing ILDs?** Yasuhiro Kondoh (Seto (Aichi), Japan)	**6395**
14:30	**Racial and ethnic disparities in treatment of ILDs** Ayodeji Adegunsoye (Chicago, United States)	**6396**
14:45	**Discussion and Q&A** All speakers	**6397**

5A Session 524 13:45 - 15:15

Clinical cases: Clinical challenges beyond guidelines

Aims : to describe the controversial aspects of the current guidelines for acute respiratory distress syndrome, mesothelioma, tuberculosis short regimens and resectability for N2 non-small cell lung cancer and selection criteria for the sequence of treatment allocation; to propose evidence-based substitute management recommendations for clinicians; to identify areas of concern; to highlight the need for further research; to explain the limitations of the guidelines in order to put them in perspective and clinical practice.

Chairs : Torsten Gerriet Blum (Berlin, Germany), Dragos Bumbacea (Bucuresti, Romania), Daiana Stolz (Freiburg, Germany)

13:45	**Limitations of acute respiratory distress syndrome guidelines, including Q&A** Ana Cysneiros (Lisboa, Portugal)	**6398**
14:07	**Weak points of modern guidelines for malignant pleural mesothelioma and future perspectives, including Q&A** Nuria M. Novoa (Majadahonda, Spain)	**6399**
14:29	**Overcoming barriers to access and implementing tuberculosis short regimens, including Q&A** Lorenzo Guglielmetti (Paris, France)	**6400**
14:51	**Standardised definition of resectability for N2 non-small cell lung cancer and selection criteria for sequence of treatment allocation. Variability between guidelines, including Q&A** Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom)	**6401**

5B Session 525 13:45 - 15:15

Symposium: Global burden of neonatal and infants' respiratory diseases

Aims : to provide an overview of the epidemiology, risk factors, disparities and impact of neonatal and infant respiratory diseases at the global level; to present the challenges in reducing the global burden of respiratory care and ensuring equitable access to adequate care for neonates and young children with lung diseases; to bring together key opinion leaders, researchers and healthcare professionals in order to discuss the opportunities of novel technologies and global health strategies that can close the gaps in outcomes and access to care for neonates and infants with respiratory diseases across the globe.

Disease(s) : Paediatric respiratory diseases

Method(s) : Epidemiology Public health Respiratory intensive care

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Respiratory therapist, Journalist

Chairs : Emanuela Zannin (Monza (MB), Italy), Susanne Vijverberg (Amsterdam, Netherlands), Christopher Harris (London, United Kingdom)

13:45	**Patient testimonials** Joseph Youngman (, Uganda), Doreen Masika (, Uganda)	**6402**
13:50	**Global burden of neonatal respiratory distress** Maneesh Batra (Seattle, United States)	**6403**
14:05	**Global burden of neonatal and infant respiratory infections** Refiloe Masekela (Durban, South Africa)	**6404**
14:20	**Equity-based preparedness and response actions to paediatric respiratory infections** Ambrose Agweyu (Nairobi, Kenya)	**6405**
14:35	**Equitable access to respiratory support and oxygen therapy devices** Viraraghavan Vadakkencherry Ramaswamy (Hyderabad, India)	**6406**

14:50	**Discussion and Q&A** All speakers	**6407**

5C Session 526 13:45 - 15:15

Symposium: Global respiratory health and tobacco: challenges, impacts and pathways to a smoke-free future

Aims : to assess the global burden of respiratory diseases linked to tobacco use; to evaluate the impact of emerging tobacco products; to address inequities in respiratory health and tobacco control; to contribute to best practices for tobacco control policies.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Ulrike Gehring (Utrecht, Netherlands), Filippos T. Filippidis (Rickmansworth, United Kingdom), Rachel Ong-Salvador (Amsterdam, Netherlands)

13:45	**Challenges in implementing cessation policies to address the tobacco epidemic** María Felicia Montero Arias (San José, Costa Rica)	**6408**
14:00	**Designing smoke-free cities for optimal respiratory health: innovations, policies and sustainable practices** Isabella Annesi Maesano (Montpellier, France)	**6409**
14:15	**Addressing inequalities among smokers: bridging the gaps in health, access and outcomes** Stamatoula Tsikrika (Athens, Greece)	**6410**
14:30	**Addressing the impact of second-hand smoking on asthmatic and chronic obstructive pulmonary disease patients** Chin Kook Rhee (Seoul, Republic of Korea)	**6411**
14:45	**Discussion and Q&A** All speakers	**6412**

5D Session 527 13:45 - 15:15

Symposium: New markers in obstructive sleep apnoea: do they reflect the burden of disease in children and adults?

Aims : to demonstrate the relationship between polysomnographic measures and cardiovascular or neurocognitive outcomes in adults and children with obstructive sleep apnoea (OSA) and to address therapeutic effects on these consequences (two talks about adults, two talks about children, one about diagnostic markers and another about therapeutic effects); to identify predictors of favourable responses to continuous positive airway pressure (CPAP) in relation to cardiovascular morbidity; to compare the efficacy of CPAP for primary prevention versus secondary prevention of cardiovascular disease associated with OSA; to explain why caregiver-reported symptoms and OSA-related morbidity should likely take precedence over the apnoea-hypopnoea index (AHI) when making treatment recommendations for children with snoring; to describe the clinical challenges of using the AHI as a measure for defining residual OSA after adenotonsillectomy in children with snoring.

Disease(s) : Paediatric respiratory diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Physiologist

Chairs : Manuel Sanchez De La Torre (Toledo, Spain), Athanasia Pataka (Thessaloniki, Greece)

13:45	**New diagnostic markers for OSA that reflect the disease burden in adults** Raphael Heinzer (Lausanne, Switzerland)	**6413**
14:00	**Primary and secondary cardiovascular prevention in the context of OSA: what we know and what we need** Esther Irene Schwarz (Zürich, Switzerland)	**6414**
14:15	**How to capture the disease burden in children with OSA** Refika Hamutcu Ersu (Ottawa, Canada)	**6415**

14:30	**The AHI does not define phenotypes responsive to adenotonsillectomy in children with snoring** Athanasios G. Kaditis (Athens, Greece)	**6416**
14:45	**Discussion and Q&A** All speakers	**6417**

Elicium 1 — Session 528 — 14:00 - 15:30

Ceremony and networking sessions: General Assembly

Chairs : Silke Ryan (Dublin, Ireland), Joanna Chorostowska-Wynimko (Warsaw, Poland)

Forum — Session 531 — 14:15 - 15:30

Oral presentation: Messaging through extracellular vesicles

Disease(s) : Respiratory critical care | Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Pulmonary rehabilitation | General respiratory patient care | Physiology

Tag(s) : Translational

Chairs : Jonathan Baker (London, United Kingdom), Sara Rolandsson Enes (Lund, Sweden)

OA6422	**Lipid profile of extracellular vesicles and its role in Lymphangioleiomyomatosis progression** Lucas Dantas (Dublin, Ireland), Amina Jouida, Marissa O'Callaghan, Elizabeth Tarling, Evelyn Lynn, Adam Byrne, Michael Keane, Cormac Mccarthy	
OA6423	**Proteomic profiling of serum exosomes reveals novel biomarker panels for asthma diagnosis** Jian Wu (Guangzhou (Guangdong), China), Jinle Lin, Xiaolong Liu, Yuehua Chen, Fang Wang, Zhongpeng Li	
OA6424	**Expression and prognostic value of serum exosome let-7a and miR-155 combined lung function indexes in children with acute asthma attack** Kunpeng Yao (Chongqing, China)	
OA6425	**Extracellular vesicles-associated tissue factor as a predictor of thrombotic risk and clinical outcomes in lung cancer patients: a prospective study** Elisabetta Casto (Pisa, Italy), Sara Cappelli, Marta Lomi, Alessandra Pagano, Giacomo Guglielmi, Stefano Paoli, Francesco Tannura, Alessio Gregori, Gino Solitro, Antonio Raffaele Abate, Irene Giacomelli, Rita Lodovichi, Tommaso Neri, Marta Pagnini, Andrea Sbrana, Antonio Chella, Alessandro Celi, Roberta Pancani	
OA6426	**Mechanical ventilation induces kidney dysfunction via extracellular vesicles** Laura Michalick (Berlin, Germany), Julia Naujox, Juliana Roeder, Wolfgang M. Kuebler	
OA6427	**Mesenchymal Stromal Cells Extracellular Vesicles mitigate epithelial senescence in ARDS through mitochondrial transfer** Johnatas Silva (Rio de Janeiro, Brazil), Catherine Mcclintock, Dayene Caldeira, Danny F Mcauley, Cecilia O´kane, Anna Krasnodembskaya	
OA6428	**Exercise Training Regulates Long RNA Profiles in Serum Extracellular Vesicles (EVs) of Long COVID Patients** Asghar Abbasi (Torrance, United States), Nate Hansen, Joanna Palade, Bessie Meechoovet, Krystine Garcia Mansfieled, Richard Casaburi, Patrick Pirrotte, William W. Stringer	
OA6429	**Self-Propagating Neutrophil-Derived Pathogenic Extracellular Vesicles Drive Chronic Inflammation and Emphysema in COPD** Kristopher Genschmer (Birmingha,, United States), Ningyong Xu, Crystal Lewis, Julian Smith, Delores Stacks, Ezgi Sari, Robert Richter, Liliana Viera, Dakota Finley, Matthew Madison, Amit Gaggar, J.Edwin Blalock, Camilla Margaroli	
OA6430	**Extracellular vesicles from COPD cells exhibit a miRNA profile that could spread senescence** Justine Devulder (London, United Kingdom), Peter Fenwick, Lina Odqvist, Lisa Oberg, Louise Donnelly, Peter Barnes	
OA6431	**Fibroblast Activation into Cancer-Associated Fibroblasts by Small Extracellular Vesicles from EGFR-Mutated Adenocarcinoma: The Role of SDC1 in Lung Premetastatic Niche Formation** Amina JOUIDA (Dublin, Ireland), Lucas Dantas, Helen Obrien, Niamh Boyle, Donal Omalley, Cormac Mccarthy, Michael P Keane	
OA6421	**Discussion and Q&A**	

3A — Session 532 — 14:15 - 15:30

Oral presentation: Novelties in the diagnosis of chronic respiratory disease

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Imaging Physiology Pulmonary function testing

Chairs : Celeste Michala Porsbjerg (Copenhagen, Denmark), Mustafa Abdo (Kiel, Germany)

OA6432	**Late Breaking Abstract - Oscillometry to Predict FEV_1 Decline and Incidental Abnormal Spirometry in Smokers with Initially Normal Spirometry** Mustafa Abdo (Kiel, Germany), Henrik Watz, Ralf Ewert, Anne Obst, Henry Völzke, Claudia Flexeder, Margit Heier, Annette Peters, Felix Herth, Frederik Trinkmann, Klaus F. Rabe, Beate Stubbe, Stefan Karrasch
OA6434	**Evaluation of clinical characteristics and lung function trajectory in young COPD patients in the general population** Joon Young Choi (Seoul, Republic of Korea), Jong Hun Park, Ju Sang Kim, Jung Hyun Nam
OA6435	**Linking mucus plugs and chronic bronchitis to bronchodilator responsiveness in young adult smokers: BEACON cohort** Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Mairi Macleod, Jordina Mah, Samuel Bartlett-Pestell, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Eric Hoffman, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson
OA6436	**Airway mucus plugs in patients with chronic cough: A single-center, retrospective, observational study** Hwa Young Lee (Seoul, Republic of Korea), Kyongmin Sarah Beck, Dae Hee Han, Hyun-Seob Jeon, Juyoung Shin, Sook Young Lee, Woo-Jung Song
OA6437	**Predictive markers for progression from PRISm to airflow limitation.** Charmaine J. M. Lim (Vienna, Austria), Tobias Mraz, Charles G. Irvin, David A. Kaminsky, Sylvia Hartl, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal
OA6438	**Characteristics of COPD patients with chronic bronchitis identified using MRC, SGRQ and CAT definitions** Fengyan Wang (Guangzhou, China), Xueping Li, Zijun Guo, Zhang Wang, Huai Chen, Zhenyu Liang, Yongchang Sun, Fuqiang Wen, Qianli Ma, Tao Ye, Jinping Zheng, Rongchang Chen, Paul W. Jones
OA6439	**Remote-coached spirometry as a high-quality alternative to clinic-coached spirometry in an asthma clinical trial** Davinder Paul Singh Dosanjh (BIRMINGHAM, United Kingdom), Tina Jellesmark Jensen, M Nubli Mustapa, Adam Laprad, Erin Lennox, Sarah S Grant, Maria G Belvisi, Rod Hughes
OA6440	**Agreement between chronic bronchitis definitions in young adult smokers: BEACON Cohort** Aaron Braddy-Green (London, United Kingdom), Apolline Marion, Luana Alves-Moreira, Federico Baraldi, Daniel Downey, Samuel Bartlett-Pestell, Mairi Macleod, Jordina Mah, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan Mcgarvey, Elizabeth Sapey, Dave Singh, Robert Stockley, Tom Wilkinson, Lydia Finney, Andrew Ritchie, Chris Compton, Mirco Govoni, Paul Jones, Hana Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson
OA6441	**Validation of automated cough measurements and clinical correlations** Össur Ingi Emilsson (Uppsala, Sweden), Carl Andersson, Henrik Johansson, Emil Ekbom, Thomas B. Schön
OA6442	**E-Nose Identifies Unique VOC Profiles in COPD With and Without Bronchiectasis** Silvano Dragonieri (Bari (BA), Italy), Vitaliano Nicola Quaranta, Maria Francesca Grimaldi, Marcin Di Marco, Andrea Portacci, Giovanna Elisiana Carpagnano
OA6433	**Discussion and Q&A**

3B Session 533 14:15 - 15:30

Oral presentation: The grey view from the inside

Disease(s) : Sleep and breathing disorders Interstitial lung diseases Thoracic oncology Respiratory critical care Airway diseases

Method(s) : Imaging General respiratory patient care Endoscopy and interventional pulmonology Respiratory intensive care Pulmonary function testing

Chairs : Chair to be confirmed

OA6443	**Late Breaking Abstract - Evaluation of Respiratory System Effects in Patients with Duchenne Muscular Dystrophy by Clinical, Pulmonary Function Tests and Thoracic Ultrasonography** Meltem Kürtül Çakar (ankara, Turkey), Avni Merter Keçeli, Satı Özkan Tabakç, Işıl Bilgiç, Gamze Akça Dinç, Ayyüce Aktemur Ünlü, Hande Yetişgin, Çelebi Yıldırım, Gökçen Dilşa Tuğcu, Dilber Ademhan Tural, Sanem Eryılmaz Polat, Didem Ardıçlı, Güzin Cinel
OA6445	**Computed tomography of the chest or thoracic ultrasonography for differentiating malignant and benign pleural effusions: Which is more effective and reliable, or should they be used together?** Semanur Ozyavuz (Eskişehir, Turkey), Guntulu Ak, Hüseyin Yildirim, Selma Metintas, Muzaffer Metintas

OA6446	**Quantitative lung ultrasound spectroscopy: a novel approach to differentiate acute exacerbation due to pulmonary emphysema versus pulmonary fibrosis – preliminary results from SAURON Study** Alessandro Perrotta (Rome, Italy), Giovanni Pierro, Federico Mento, Mattia Perpenti, Libertario Demi, Andrea Smargiassi, Riccardo Inchingolo
OA6447	**Role of physician-led neck ultrasound screening in lung cancer diagnostics** Maged Hassan (Alexandria, Egypt), Tousif Baig, Richard Thorley, Basma Elshaarawy, Marwan Abou Ouf, Tanmay Jain, Catherine Pearce, Aparna Iyer, Timothy Howell, Thomas Nicholson, Lindsey Taylor, Cyrus Daneshvar
OA6448	**Ultrasound shear wave elastography to enhance diagnostic accuracy of N3 cervical lymphadenopathy among patients with lung cancer.** Yenlin Chen (Taipei, Taiwan), Yao-Wen Kuo, Chih-Yi Lin, Ching-Chu Lu, Jann-Yuan Wang, Hao-Chien Wang
OA6449	**Impact of intercostal muscle thickness fraction on weaning failure in intubated COPD patients** Aslihan Gürün Kaya (Ankara, Turkey), Deniz Doğan Mülazımoğlu, Miraç Öz Kahya, Serhat Erol, Fatma Arslan, Akın Kaya
OA6450	**Ultrasound as Diagnostic Tool in Diaphragm Dysfunction: a Validation Study** Wytze de Boer (Zwolle, Netherlands), Krista Parlevliet, Leonie Kooistra, David Koster, Jellie Nieuwenhuis, Mireille Edens, Jan Willem Van Den Berg, Martijn Boomsma, Jos Stigt, Dirk Jan Slebos, Marieke Duiverman
OA6451	**Lung elastography: differentiating benign and malignant consolidations** Fernando Vargas-Ursúa (Madrid, Spain), Cristina Ramos-Hernández, José Aguayo-Arjona, Clara Seghers-Carreras, Luis Alberto Pazos-Area, Ignacio Fernández-Granda, Iván Rodríguez-Otero, Manuel Pintos-Louro, Eva Gómez-Corredoira, Julio Ancochea-Bermúdez, Alberto Fernández-Villar
OA6452	**Comparison of thoracic ultrasonography and radiological methods in hospitalized cases of community-acquired pneumonia** Sevda Sener Comert (Istanbul, Turkey), Erdem Emre Gülşen, Ali Fidan, Nesrin Kıral
OA6453	**Sensitivity and Specificity of Screening for Lung Involvement in Seropositive Rheumatoid Arthritis by means of lung function and lung ultrasound.** Werner Von Wulffen (Germering, Germany), Frank Reichenberger, Carina Fischinger, Martin Welcker, Nikolaus Kneidinger, Florian Popp
OA6444	**Discussion and Q&A**

Amtrium Session 534 14:15 - 15:30

Oral presentation: Best abstracts in respiratory physiotherapy

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Pulmonary function testing Physiology

Chairs : Matthew Maddocks (BROMLEY, United Kingdom), Sara Catherine Buttery (London, United Kingdom)

OA6454	**Late Breaking Abstract - Three-year prognostic cut-off for the distance-saturation product in interstitial lung diseases** Manuela Karloh (Florianopolis (SC), Brazil), Juliana Araújo, Isabela Silva, Heloise Pimpão, Nathália Mathias, Karoliny Isoppo, Carlos Camilo, Anamaria Mayer
OA6456	**Baseline dependent minimally important differences for clinical outcomes of pulmonary rehabilitation in patients with asthma** Roy Meys (Heerlen, Netherlands), Lennart Conemans, Frits Franssen, Miriam Groenen, Anouk Vaes, Bente Brauwers, Anouk Stoffels, Hieronymus Van Hees, Bram Van Den Borst, Dinette Agterhuis, Emiel Wouters, Lowie Vanfleteren, Chris Burtin, Martijn Spruit
OA6457	**Association Between Physical Activity and Fatigue Symptoms in Patients with COPD: Insights From a Longitudinal Study** Paulien Mellaerts (Leuven, Belgium), Heleen Demeyer, Simone Pancera, Victoria Alcaraz-Serrano, Paula Alvarez, Claudia Armengol, Astrid Blondeel, Joren Buekers, Sara C Buttery, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Alicia Josa-Culleré, Anja Frei, Elena Gimeno-Santos, Nick Hopkinson, Emily Hume, Carl-Philipp Jansen, Anne Kirsten, Sarah Koch, Dimitrios Megaritis, Alexis Perkins, Keir Philip, Milo A Puhan, Lynn Rochester, Ioannis Vogiatzis, Henrik Watz, Parris Williams, Judith Garcia-Aymerich, Thierry Troosters
OA6458	**Cutoff points for sedentary behavior and their capacity to predict mortality in individuals with COPD: a 12-year follow-up study** Thais Tofoli (Londrina, Brazil), Lais Santin, Humberto Silva, Letícia Medeiros, Anouk W. Vaes, Martijn A. Spruit, Karina Furlanetto, Fabio Pitta

OA6459	**The effects of inspiratory muscle training on muscle oxygenation exercise capacity peripheral muscle strength and fatigue in patients post-COVID-19 syndrome with pulmonary involvement** Başak Kavalcı Kol (Kırşehir, Turkey), Meral Boşnak Güçlü, Ece Baytok, Nilgün Yılmaz Demirci
OA6460	**Effectiveness of repeated pulmonary rehabilitation in patients with COPD** Jibril Mohammed (Kano, Nigeria), Sarah Houben-Wilke, Miriam Groenen, Frits Franssen, Rein Posthuma, Daisy Janssen, Martijn Spruit, Anouk Vaes
OA6461	**Effectiveness of Simeox® Therapy vs. Conventional Chest Physiotherapy in Non-Cystic Fibrosis Bronchiectasis Patients with Chronic Mucous Hypersecretion:A Multicenter Randomized Controlled Pilot Study** Joanna Miłkowska-Dymanowska (Łódź, Poland), Aleksander Kania, Wojciech J. Piotrowski, Milena Myszkiewicz, Paulina Katarzyńska, Tomasz Włoch, Katarzyna Papież, Karolina Marciniak, Laurent Morin, Adam J. Białas
OA6462	**Multi-domain cognitive function in COPD and matched controls: Baseline data from the COPD-HIIT randomised controlled trial** Johan Jakobsson (Umeå, Sweden), Dries Cops, Jonas Westman, Evelina Sund, Mattias Hedlund, Thomas Sandström, David Ruttens, Marc Daenen, Jana De Brandt, Chris Burtin, André Nyberg
OA6463	**Limitations of 6-minute walk test equations in predicting peak oxygen uptake and risk assessment in patients with pulmonary hypertension and chronic obstructive pulmonary disease.** Elena Gimeno-Santos (Barcelona, Spain), Vanessa Resqueti, Rodrigo Torres-Castro, Natalia Cardoso, Xavier Alsina-Restoy, Joan Albert Barbera, Isabel Blanco
OA6464	**Predictive equations for maximal respiratory pressures in children: a multicentre study** Margarita Barral-Fernández (Touro, Spain), María Amalia Jácome Pumar, Sonia Souto-Camba, Luz González-Doniz, María Antonia Ramón Belmonte, Marta Amor-Barbosa, Ane Arbillaga-Etxarri, Daniel Langer, Guillermo Mazzucco, Pilar Bravo Cortés, Tamara Del Corral, Rocío Martín-Valero, Carlos Llorca Cerdà, Fabiola Murcia Lillo, Jose Antonio Sanchez-Santos, Marina Francín-Gallego, Concepción Martín Cortijo, Esther García Delgado, Cristina Serrano Veguillas, Ana B. Varas De La Fuente, Paula San José Herranz, Carolina González Montañez, Guilherme A F Fregonezi, Rodrigo Torres-Castro, Mireia Pardàs Peraferrer, Jordi Vilaró Casamitjana, Angeles Fernandez- Cadenas, Antonio T Ríos-Cortes, María José Moreno Valera, Elena Gimeno-Santos, Ana Lista-Paz
OA6455	**Discussion and Q&A**

Studio — Session 535 — 14:15 - 15:00

Pro-Con debate: Indwelling catheters versus talc pleurodesis for malignant effusion: which is optimal?

Aims : to debate patient-, hospital- and physician-centred outcomes comparing the use of indwelling pleural catheters and talc in patients with malignant pleural effusion in light of up-to-date basic science, translational and clinical trial evidence.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Palliative care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon

Chairs : Veronica Manolache (Bucuresti, Romania), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)

14:15	**Indwelling pleural catheters should be preferred over talc pleurodesis for the management of malignant pleural effusion** Rahul Bhatnagar (Bristol, United Kingdom)	**6465**
14:30	**Talc pleurodesis should be preferred over indwelling pleural catheters for the management of malignant pleural effusion** Eihab Bedawi (Sheffield, United Kingdom)	**6466**
14:45	**Discussion and Q&A** All speakers	**6467**

G104/105 — Session 536 — 14:30 - 17:10

Skills workshop: SW15 SW15: Thoracic ultrasound basic principles

Additional registration is required for this session.

Aims : to describe the current use of thoracic ultrasound; to provide participants an opportunity to perform this technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Chairs : Najib M. Rahman (Oxford, United Kingdom)

14:30	**Introduction** Najib M. Rahman (Oxford, United Kingdom)	**6468**
14:50	**Normal thoracic cavity** Giovanni Volpicelli (Torino (TO), Italy), Casper Falster (Odense, Denmark)	**6469**
14:50	**Pleural effusion and/or pleural thickening** Konstantina Kontogianni (Heidelberg, Germany), Valentina Pinelli (MASSA-CARRARA, Italy)	**6470**
14:50	**Case studies** Poppy Denniston (London, United Kingdom)	**6471**
14:50	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom)	**6472**

ELF stand World village — Session 537 — 15:00 - 16:00

Patient: Networking meeting for patient organisations and healthcare professionals

Aims : Come and network with patient organisations and patient advocates from across Europe. This is an informal session to learn more about patient organisations across Europe and beyond, network with professionals and learn more about the European Lung Foundation's activities.

	Networking meeting for patient organisations and healthcare professionals All speakers	**6473**

Studio — Session 538 — 15:15 - 16:00

EU project: Identification of novel immunological treatment targets in severe asthma

European Union project: 3TR (Taxonomy, Target, Treatment and Remission), an innovative medicine initiative

Aims : to discuss 3TR project aims, such as: i) providing fundamental new insights into the mechanisms of response and non-response to treatment; ii) challenging the conventional single disease-based approach, in which diseases are classified according to their end-organ involvement rather than the molecular pathways underpinning them; iii) proposing a paradigm shift in the way we look at diseases; iv) promoting a scientific evidence-based rationale for treatment selection, rather than following the traditional trial-and-error approach; to present significant implications of 3TR project for future patient management and assessment of the efficacy, safety and quality of future health products.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Scientist (basic, translational)

Chairs : Veronica Manolache (Bucuresti, Romania), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)

15:15	**Introduction to the 3TR innovative medicine initiative: asthma and chronic obstructive pulmonary disease** Stefania Principe (Utrecht, Netherlands)	**6474**
15:25	**COMSA: novel outcome measure for severe asthma** Ekateirina Khaleva (Southampton, United Kingdom)	**6475**
15:35	**Urinary lipidomics for precision medicine** Johan Kolmert (Stockholm, Sweden)	**6476**
15:45	**Discussion and Q&A** All speakers	**6477**

Auditorium — Session 539 — 15:30 - 17:00

Clinical cases: Lungs on fire: Respiratory infections?

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory infections

Tag(s) : Clinical

Chairs : Onno Akkerman (Groningen, Netherlands), Markus Fally (Copenhagen, Denmark), Olha Konstantynovska (Kharkiv, Ukraine)

Discussants : Thomas Wilkinson (Southampton (Hampshire), United Kingdom), Eva Van Braeckel (Ghent, Belgium)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: I.-R. Alexandrescu (Romania)** Eva Van Braeckel (Ghent, Belgium)	**6478**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: M.C. Alfonso (Philippines)** Thomas Wilkinson (Southampton (Hampshire), United Kingdom)	**6479**
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: M. Rathnayake (Sri Lanka)** Eva Van Braeckel (Ghent, Belgium)	**6480**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: N. Wang (China)** Thomas Wilkinson (Southampton (Hampshire), United Kingdom)	**6481**

7A Session 540 15:30 - 17:00

Hot topics: Perspectives on pulmonary embolism response teams

Aims : to emphasise that setting up a pulmonary embolism response team (PERT) is not about creating a rigid structure but fostering multidisciplinary collaboration for comprehensive pulmonary embolism (PE) care; to demonstrate how PERTs improve patient care by enhancing anticoagulation practices and facilitating access to advanced therapies; to highlight PERTs as a platform for conducting clinical trials and fostering collaborative research in PE management; to explore how PERTs can serve as a foundation for establishing dedicated post-PE follow-up programmes to improve long-term patient outcomes.

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Imaging Physiology Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : George Giannakoulas (Thessaloniki, Greece), Harm Jan Bogaard (Amsterdam, Netherlands)

15:30	**Establishing a PERT: key considerations and challenges** David Jiménez Castro (Madrid, Spain)	**6482**
15:45	**Benefits of a PERT: improving outcomes in acute PE management** Belinda Rivera-Lebron (Pittsburgh, United States)	**6483**
16:00	**Current state of PERT: clinical integration and research opportunities** Anna Dunn (Geelong, Australia)	**6484**
16:15	**Regional variations in PERT implementation: lessons from around the world** Parth Rali (Philadelphia, United States)	**6485**
16:30	**Discussion and Q&A** All speakers	**6486**

Elicium 2 Session 541 15:30 - 17:00

Symposium: Global disparities in lymphangioleiomyomatosis: an example of how European Reference Networks and technology can help

Aims : to highlight the challenges in delivering care for patients with rare lung diseases worldwide, using lymphangioleiomyomatosis (LAM) as a paradigm of both the challenges and possible successes that can be achieved; to identify the challenges in standardising care for patients with LAM, contrasting the difficulties in Europe, the United States, South America and beyond; to describe how patient involvement and patient advisory groups can improve care and research of these diseases; to identify the benefit of European Reference Networks and how they operate to improve clinical care; to address how modern technologies, both clinical and translational, are being used to inform diagnostic ability and improve delivery of care and therapy; to discuss the use of artificial intelligence in imaging and pathology, together with the use of home monitoring and machine learning; to explain the role of patient involvement in driving improvements in care and knowledge of LAM, to explain the current state of the art in diagnostics of LAM and how new techniques and technologies have improved this, to differentiate between care of patients with LAM in different countries and how unified approaches can better help all stakeholders, and to discuss the utility of new methods to predict prognosis and determine the therapeutic benefit and response in LAM.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Epidemiology | Imaging

Tag(s) : Congress theme: Respiratory health around the globe

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Scientist (basic, translational), Thoracic surgeon, Respiratory therapist

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Cormac McCarthy (Dublin 4, Ireland), Laura Fabbri (London, United Kingdom)

15:30	**The role of patient involvement in improving care in LAM** Anna Svenningsson (Stockholm, Sweden)	**6487**
15:45	**Global differences in LAM care: challenges and opportunities** Bruno Guedes Baldi (São Paulo (SP), Brazil)	**6488**
16:00	**European Reference Networks, registries and biobanks: key to advancing care in LAM** Marta Garcia Moyano (Barakaldo, Spain)	**6489**
16:15	**Developing novel molecular diagnostic and disease-monitoring strategies in LAM** Nishant Gupta (Cincinnati, United States)	**6490**
16:30	**Discussion and Q&A** All speakers	**6491**

5A Session 542 15:30 - 17:00

Hot topics: The 9th TNM edition in thoracic oncology staging: moving beyond boundaries

Aims : to list the analyses and revisions for the TNM classification of lung cancer, mesothelioma and thymic epithelial tumours; to evaluate the implications of the 9th TNM edition in the diagnosis and management of lung cancer, mesothelioma and thymic epithelial tumours; to familiarise the broader respiratory community and facilitate implementation of the 9th edition system.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | Imaging | Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Torsten Gerriet Blum (Berlin, Germany), Dragos Bumbacea (Bucuresti, Romania), Daiana Stolz (Freiburg, Germany)

15:30	**The updated 9th TNM edition for lung cancer staging: addressing new needs** Georgia Hardavella (Athens, Greece)	**6492**
15:45	**The 9th TNM edition in mesothelioma: revisiting sound knowledge** Armin Frille (Leipzig, Germany)	**6493**
16:00	**The updated 9th TNM edition in thymic epithelial tumours: a stranger in uncharted waters** Andrea Bille (London, United Kingdom)	**6494**
16:15	**The updated 9th TNM edition through the radiologist's screen** Speaker to be confirmed	**6495**
16:30	**Discussion and Q&A** All speakers	**6496**

5B Session 543 15:30 - 17:00

Symposium: Rare respiratory diseases in children: from misknowledge to personalised medicine

Aims : to understand how advances in diagnostic and predictive technologies can improve patient care and lead to personalised treatments; to present how proof-of-concepts in monogenic rare lung diseases pave the way for treating similar diseases, especially in the field of paediatric interstitial and inflammatory lung diseases; to improve their knowledge of paediatric lung transplantation by receiving an update on the indications, feasibility and prognosis of this procedure in children.

Disease(s) : Interstitial lung diseases | Paediatric respiratory diseases | Thoracic oncology

Method(s) : Cell and molecular biology | General respiratory patient care

Tag(s) : Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Paediatrician, Patient, Scientist (basic, translational), Thoracic oncologist

Chairs : Emanuela Zannin (Monza (MB), Italy), Susanne Vijverberg (Amsterdam, Netherlands), Christopher Harris (London, United Kingdom)

15:30	**Methionine supplementation in pulmonary alveolar proteinosis related to MARS1 mutations: from the bench to personalised low-cost treatment** Alice Hadchouel-Duvergé (Paris, France)	**6497**
15:45	**Jak inhibitors: from evidence-based use in monogenic auto-inflammatory diseases to the successful treatment of connective tissue diseases** Stefano Volpi (Genova, Italy)	**6498**
16:00	**Paediatric lung transplantation: update on the indications, feasibility and prognosis in 2025** Nicolaus Schwerk (Hannover, Germany)	**6499**
16:15	**Growing with chILD: towards a specific transition program for better care** Effrosyni D. Manali (Athens, Greece)	**6500**
16:30	**Discussion and Q&A** All speakers	**6501**

5C Session 544 15:30 - 17:00

Hot topics: Addressing the generational challenge in lung health amidst the growing number of novel tobacco products

Aims : to highlight the challenges to lung health amidst the growing number of novel tobacco products, which are very popular among the younger generation due to easy access and attractive advertising; to present evidence of e-cigarette- and vaping-related lung injury; to educate healthcare practitioners, such as respiratory function technologists, physiotherapists and nurses, on how they could promote lung health in the younger generation and help adults cease smoking; to illustrate how pulmonary function testing could be used in the early detection of e-cigarette- and/or vaping-related respiratory problems; to demonstrate the importance of a multidisciplinary approach for educating the younger generation about the harmful effects of smoking and vaping.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Public health | Pulmonary function testing

Tag(s) : Basic science

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Ulrike Gehring (Utrecht, Netherlands), Filippos T. Filippidis (Rickmansworth, United Kingdom), Rachel Ong-Salvador (Amsterdam, Netherlands)

15:30	**Vaping-related lung injury: what we know so far**	**6502**
15:45	**Underage smoking and vaping: nip it in the bud** Elif Dagli (Istanbul, Turkey)	**6503**
16:00	**Assessing the clinical prognosis of tobacco-related respiratory injury in young smokers and how pulmonary function testing could help** Andrew Bush (London, United Kingdom)	**6504**
16:15	**Help patients help themselves**	**6505**
16:30	**Discussion and Q&A** All speakers	**6506**

5D Session 545 15:30 - 17:00

Mini symposium: Sex differences in sleep-disordered breathing: how do they influence diagnostics and treatment recommendations?

Aims : to highlight the epidemiological and pathophysiological differences between the sexes in sleep-disordered breathing and chronic respiratory failure and to critically discuss how these affect symptoms and treatment outcomes.; to identify the gaps in knowledge on sex differences in obstructive sleep apnoea, central sleep apnoea syndromes and obesity-related respiratory failure, to determine future research priorities in these areas.

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Respiratory therapist

Chairs : Manuel Sanchez De La Torre (Toledo, Spain), Athanasia Pataka (Thessaloniki, Greece)

15:30	**Patient's testimony** Vicki Maylan (Exeter, United Kingdom)	**6507**
15:35	**Obstructive sleep apnoea in females: still strangers in the night?** Sophia E. Schiza (Heraklion, Greece)	**6508**
15:50	**Sex differences in obesity-related respiratory failure** Maria Rosaria Bonsignore (Palermo, Italy)	**6509**
16:05	**Central sleep apnoea syndromes: only a male problem?** Jean-Louis Pépin (Grenoble, France)	**6510**
16:20	**Discussion and Q&A** All speakers	**6511**

Elicium 1 — Session 546 — 15:45 - 17:00

Science slam: Science slam

Aims : Five scientists will present their research in an entertaining way for a non-specialist audience. The audience will elect, by means of electronic voting, the 2025 Science Slam winner.

Target audience : Adult pulmonologist/Clinician, General practitioner, Paediatrician, Nurse, Medical Technical Assistant, Patient, Physician in Pulmonary Training, Clinical researcher, Journalist, Medical Student, Physiologist, Radiologist, Thoracic surgeon, Respiratory physiotherapist, Respiratory critical care physician, Scientist (basic, translational), Respiratory therapist, Pathologist, Thoracic oncologist

Chairs : Sara Cuevas Ocaña (Cambridge, United Kingdom), Jannik Ruwisch (Hannover, Germany), Thomas Gille (Bobigny, France)

15:45	**Introduction** Sara Cuevas Ocaña (Cambridge, United Kingdom), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)	**6512**
15:50	**Presenter 1**	**6513**
16:02	**Presenter 2**	**6514**
16:14	**Presenter 3**	**6515**
16:26	**Presenter 4**	**6516**
16:38	**Presenter 5**	**6517**
16:50	**Vote, presentation and interview of the winner** Sara Cuevas Ocaña (Cambridge, United Kingdom), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)	**6518**

Forum — Session 547 — 15:45 - 17:00

Oral presentation: Biologics in action: clinical realities and translational innovations in airway disease therapeutics

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing | General respiratory patient care | Cell and molecular biology | Epidemiology | Public health

Chairs : Alexander Mathioudakis (Manchester, United Kingdom), Lies Lahousse (Ghent, Belgium)

OA6519	**Late Breaking Abstract - Sustained FEV1 improvements with mepolizumab up to 104 weeks in patients with COPD and less severe airflow obstruction: Post hoc analysis of the MATINEE Phase III study** Dave Singh (Manchester, United Kingdom), Surya P. Bhatt, Ian D. Pavord, Erika Penz, Bhabita Mayer, Jeff Min, Stefanie Kolterer, Claus F. Vogelmeier
OA6521	**Cardiovascular safety of biologicals in patients with asthma: a nationwide cohort study** Lies Lahousse (Ghent, Belgium), Frauke Van Vaerenbergh, Delphine Vauterin, Maxim Grymonprez, Guy Brusselle, Lowie Vanfleteren
OA6522	**Utility of CompEx as a component of clinical remission in NAVIGATOR** Guy Brusselle (Ghent, Belgium), Njira L Lugogo, Flavia C L Hoyte, Gillian Hunter, Tina Jellesmark Jensen, Neil Martin, Amit Parulekar, Carla A Da Silva
OA6523	**Exhaled nitric oxide (FeNO) predicts response to prednisolone for asthma attacks in patients on anti-IL5/5Rα therapy** Imran Howell (Oxford, United Kingdom), Mahdi Mahdi, Hafiz Mahmood, Laura Bermejo-Sanchez, Catherine Borg, Sanjay Ramakrishnan, James Melhorn, Gabriel Lavoie, Nayia Petousi, Timothy Sc Hinks, Mona Bafadhel, Ian D Pavord
OA6524	**Efficacy of Dupilumab in Patients with Severe Asthma and Co-existing COPD** Sammy Adam Ameri (Copenhagen, Denmark), Susanne Hansen, Kjell Erik Julius Håkansson, Marianne Baastrup Soendergaard, Anne-Sofie Bjerrum, Johannes Martin Schmid, Sofie Lock Johansson, Linda Makowska Rasmussen, Barbara Bonnesen, Roxana Vijdea, Anna Von Bülow, Lycely Dongo, Niels Steen Krogh, Ole Hilberg, Charlotte Suppli Ulrik, Celeste Porsbjerg, Asger Sverrild
OA6525	**Predicting Optimal Timing For Biologic Switch In Severe Asthmatic Patients** Enrico Schiavi (Roma, Italy), Francesca Cefaloni, Giovanni Pierro, Alessandro Perrotta, Vincenzo Zugaro, Cristina Boccabella, Luca Richeldi, Matteo Bonini
OA6526	**Clinical characteristics associated with frequent asthma exacerbations whilst on treatment with tezepelumab** Faizan Haris (London, United Kingdom), Jessica Gates, Francesca Cefaloni, Paniz Khooshemehri, Linda Green, Mariana Fernandes, Louise Thomson, Cris Roxas, Jodie Lam, Grainne D'Ancona, Alexandra M. Nanzer, Jaideep Dhariwal, David J Jackson
OA6527	**Tozorakimab exerts distinct dual pharmacology to reduce COPD epithelial remodelling** Sam Strickson (CAMBRIDGE, United Kingdom), Rafaela Konstantinidi, Owen Wyatt, Katherine Stephenson, Megan Webster, Ferda Oeztuerk-Winder, David C. Mansfield, Andie Collinson, Ian C. Scott, D Gareth Rees, Catherine Chaillan Huntington, Claire Hollins, Elizabeth C. Hinchy, Josquin Nys, Xavier Romero Ros, E Suzanne Cohen
OA6528	**BBT002, a tetravalent bispecific antibody targeting human IL-4Rα and IL-5, demonstrated synergistic efficacy in vitro and in a porcine pancreatic elastase (PPE)-induced COPD mouse model** Jingjing Jiang (Boston, United States), Tianhang Zhai, Yuanhong Chen, Shuang Dai, Shihui Zhou, Zhongxi Zhang, Weifeng Huang, Xiaoniu Miao, Andy Tsun, Wei Liang, Thang Ho, Shanshan Xu
OA6529	**Spatial Mapping of IL-4 / IL-13 and IL-4Rα in COPD Lungs and Lymph Nodes** Jonas Erjefalt (Lund, Sweden), Caroline Sanden, Kerry Casey, Cecilia Andersson, Jimmie Jönsson, Johan Ahlgren, Premkumar Siddhuraj, Sandra Lindstedt, Seblewongel Asrat, Matthew Sleeman, Jamie Orengo
OA6520	**Discussion and Q&A**

3A Session 548 15:45 - 17:00

Oral presentation: Emerging clinical trials in rehabilitation and chronic care

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Pulmonary rehabilitation General respiratory patient care Epidemiology Public health

Chairs : Martijn A. Spruit (Horn, Netherlands), Ana Luisa Araújo Oliveira (Aveiro, Portugal)

OA6530	**Late Breaking Abstract - An investigation of partitioned aerobic training, 1-legged cycling, on exercise endurance in patients with Idiopathic Pulmonary Fibrosis (IPF): a randomized controlled trial** Tom Dolmage (Toronto (ON), Canada), Rachael Evans, Shane Shapera, Shahram Masouleh, Cindy Ellerton, Emma Damiao, Diana Drazic, Ana Oliveira, Mohamed Khalil, Robert Varadi, Roger Goldstein
OA6532	**Cost-effectiveness of SPACE for COPD© Delivered as a Maintenance Programme following Pulmonary Rehabilitation (PR).** Linzy Houchen-Wolloff (Leicester, United Kingdom), Annabel Hong, Khaled Alqhatani, Charlotte Gerlis, Nicola Gardiner, Claire Nolan, William Man, Mathew Richardson, Sally J Singh, Amir Khan, Anil Gumber, Ala Szczepura

OA6533	**Night's rest behaviour and physical activity in COPD** Alexis M Perkins (London, United Kingdom), Sara C Buttery, Parris J Williams, Keir E J Philip, Michael I Polkey, Joren Buekers, Laura Delgado-Ortiz, Sarah Koch, Dimitrios Megaritis, Emily Hume, Nikolaos Chynkiamis, Heleen Demeyer, Anja Frei, Henrik Watz, Ioannis Vogiatzis, Thierry Troosters, Judith Garcia-Aymerich, Nicholas Hopkinson
OA6534	**Effect of 8-week exercise-based rehabilitation on immune cell counts in Post-COVID syndrome following hospitalisation: a randomised controlled trial.** Enya Daynes (Leicester, United Kingdom), Nicolette C Bishop, Malik Hamrouni, Molly M Baldwin, George Mills, Rachael A Evans, Christopher E Brightling, Sally J Singh, Matthew J Roberts
OA6535	**Pulmonary rehabilitation modulates the immune response in individuals with severe COPD: a RCT** Juliana Tiyaki Ito (Pilar do Sul (SP), Brazil), Luan H V Alves, Rafaella F Xavier, Iolanda F L C Tiberio, Celso R F Carvalho, Fernanda D T Q S Lopes
OA6536	**High intensity interval training in interstitial lung disease** Leona Dowman (Melbourne, Australia), Anthony K May, Catherine J Hill, Janet Bondarenko, Lissa Spencer, Norman R Morris, Jennifer A Alison, James R Walsh, Yet H Khor, Nicole S L Goh, Tamera Corte, Ian Glaspole, Dan C Chambers, Christine F Mcdonald, Anne E Holland
OA6538	**Mobile health pulmonary rehabilitation (m-PR) compared to centre-based pulmonary rehabilitation in people with COPD: a randomised controlled equivalence trial.** Sarah Brown (Melbourne, Australia), Sally Wootton, Marita Dale, Jennifer Alison, Andrew Chan, Marlien Varnfield, Ian Yan, Michelle Cunich, Zoe Mckeough
OA6539	**Early home pulmonary rehabilitation with high-flow nasal oxygen for exertional hypoxemia** Yingjuan Mok (Singapore, Singapore), Jing Wen Foong, Hang Siang Wong, Edwin Shih-Yen Chan, Li Ching Soh, Amanda Soh, Shi Hua Tan, Norasyikin Binte Hassan, Xuan Han Koh, Poh Choo Tan, Keith Keat Huat Wong
OA6540	**Economic evaluation of long-term oxygen therapy prescribed for 24 hours versus 15 hours a day in patients with severe hypoxemic respiratory failure** Richard Ssegonja (Uppsala, Sweden), Josefin Sundh, Anders Andersson, Filip Björklund, Anders Blomberg, David Currow, Christer Janson, Eva Lindberg, Andreas Palm, Magnus Ekström
OA6531	**Discussion and Q&A**

3B Session 549 15:45 - 17:00

Oral presentation: Noninvasive respiratory support in acute and chronic settings: comparison of strategies, monitoring and physiological effects

Disease(s) : Sleep and breathing disorders | Respiratory critical care | Airway diseases

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care | Imaging | Pulmonary function testing | Pulmonary rehabilitation | Public health

Chairs : Maxime Patout (Paris, France), Chair to be confirmed

OA6541	**Late Breaking Abstract - International Practices in Home Mechanical Ventilation and Positive Airway Pressure Therapy: Preliminary Findings from the ERS-CRC IMPORTANCE Clinician Survey** Claudia Crimi (Catania (CT), Italy), Dries Testelmans, Jacek Nasilowski, Carla Ribeiro, Michael Cheng, Rebecca D'Cruz, Raphael Heinzer, Maxime Patout, Winfried Randerath, Sophia Schiza-De-La-Torre, Manuel-De-La-Torre Sanchez-De-La-Torre, Marieke Duiverman, Esther Irene Schwarz
OA6543	**EFFECT OF NIV WITH BILEVEL COMBINED WITH AEROBIC EXERCISE IN LONG COVID: POST HOC CLINICAL TRIAL STUDY** Cássia Goulart (São Carlos, Brazil), Guilherme Arêas, Suzy Cristina França Rodrigues, Thâmila Kamila De Souza Medeiros, Jefferson Valente, Fernanda Faccioli Dos Reis Borgers, Karoline Pinheiro Kitzinger, Eduardo Fernandes Da Silva Junior, Vanessa Christina Costa Da Silva, Anna Gabriela Rezende Dos Santos, Caio Cesar Leiva Bastos Barrionuevo, Jennifer Leticia Nery, Camila Miriam Suemi Sato Barros Do Amaral, Bernardo Maia, Fernando Almeida-Val
OA6544	**Performances of surface mechanomyography using a parasternal patch to detect inspiratory effort during spontaneous breathing and mechanical ventilation** Delphine Venkatapen (Bruxelles, Belgium), Marius Lebret, Arnaud Lesimple, Mathilde Lefranc, Mathieu Carpentier, Alice Vuillermoz, Alain Mercat, Jean-Christophe Richard, François Beloncle
OA6545	**Diaphragmatic Ultrasound for the Indication of NIV and 1 year Tracheostomy-Free Survival in ALS Patients.** Santos Ferrer Espinosa (Valencia, Spain), Jesus Sancho, Juan Antonio Carbonell-Asins, Jaime Signes-Costa
OA6546	**Laryngeal ultrasound to observe laryngeal movements during non-invasive ventilation in COPD** Anne Kristine Brekka (Nedenes, Norway), Petrine V. Solli, Solfrid Indrekvam, Merete S. Engeset, Ola D. Røksund, Sverre Lehmann, Hege Clemm, Thomas Halvorsen, Patrick Murphy, Maria Vollsæter, Tiina Andersen

OA6547	**Effect of nasal prongs size on high flow nasal cannula devices (HFNC) output: a bench study** Emmanuele Sappino (Rosta, Italy), Giovanni Maria Ferrari, Elena Rindone, Lorenzo Appendini, Paolo Righini, Roberto Prota
OA6548	**Physiological effects of High-flow Nasal Oxygen: A Randomized Trial in post-extubation patients** Thijs Janssen (ROTTERDAM, Netherlands), Dolf Weller, Evert-Jan Wils, Niki Lupgens, Corstiaan Den Uil, Dirk Boer, Diederik Gommers, Leo Heunks, Annemijn Jonkman, Henrik Endeman
OA6549	**Comparison of three strategies for withdrawal of post extubation non-invasive ventilation in acute exacerbation of COPD patients: Randomized control trial** Prakhar Sharma (Rishikesh, India), Saikat Banerjee, Ganesh Sanjan, Prakash Sivaramakrishnan, Deepansh Gupta, Suyash Singh Rajpoot, Shivam Garg
OA6550	**Virtual Reality (VR) for Non-Invasive Ventilation (NIV) Adaptation and Anxiety Reduction in Complex Pediatric Respiratory Patients: A Case Report and Beyond** Moria Be'er (Tel Aviv, Israel), Michal Cahal, Mika Rochman, Edwa Friedlander, Israel Amirav, Moran Lavie
OA6551	**Randomized controlled trial on telemonitoring in COPD Patients with NIV - effects on adherence, clinical outcomes, and quality of life (TeleInterVENT)** Maik Schroeder (Essen, Germany), Ulrike Domanski, Matthias Richter, Regina Schaefer, Alexander Grimm, Georg Nilius
OA6542	**Discussion and Q&A**

Amtrium Session 550 15:45 - 17:00

Oral presentation: Impact of occupational and environmental exposures on public lung health

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Pulmonary function testing Cell and molecular biology

Chairs : Sara De Matteis (Milan, Italy), Orianne Dumas (Villejuif, France)

OA6552	**Late Breaking Abstract - Respiratory health in workers from a non-ferrous smelter: a cross-sectional study in Lubumbashi, DR Congo** Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Paul Musa Obadia, Evelyne Ngoy Kapoya, Celestin Banza Lubaba Nkulu, Jeroen Vanoirbeek, Mohamed Jeebhay, Steven Ronsmans, Benoit Nemery
OA6554	**Long-term exposure to air pollution and incidence of chronic obstructive pulmonary disease in Danish Nurse Cohort** Rina So (Copenhagen, Denmark), Jiawei Zhang, Youn-Hee Lim, Marie Bergmann, Kajsa Pira, Cale Lawlor, Anna Oudin, Ebba Malmqvist, Zorana Andersen
OA6555	**Comorbidity, Air Pollution, and Risk of Pneumonia** Jiawei ZHANG (Copenhagen, Denmark), Stephane Tuffier, Zhebin Yu, Rina So, Thomas Scheike, George Napolitano, Steffen Loft, Youn-Hee Lim, Erik Melén, Zorana Jovanovic Andersen
OA6556	**Occupational exposure to disinfectants and cleaning products, lung function and COPD** Orianne Dumas (Villejuif, France), Emilie PACHECO DA SILVA, Bakari Ibrahim, Sheik Alif, Marie-Christine Delmas, Marcel Goldberg, Rachel Nadif, Thierry Perez, Céline Ribet, Nicolas Roche, Raphaëlle Varraso, Marie Zins, Bénédicte Leynaert, Nicole Le Moual
OA6557	**Occupational and environmental livestock exposures are associated with the upper respiratory tract microbiome** Beatrice Cornu Hewitt (Utrecht, Netherlands), Mari-Lee Odendaal, Myrna De Rooij, Alex Bossers, Mei Ling Chu, Warner Van Kersen, Aniek Lotterman, Joke Van Der Giessen, Debby Bogaert, Lidwien Smit
OA6558	**Impact of livestock-related air pollution on public health: a nation-wide study on COVID-19 in the Netherlands** Myrna M.T. de Rooij (Utrecht, Netherlands), Mariana Simões, Lidwien A.M. Smit, Roel Vermeulen, Julia Taenzer, Miriam Gerlofs-Nijland, Lapo Mughini-Gras
OA6559	**Micro- and nanoplastic exposure, immune cell activation, and lung function in young adults, The PIAMA Cohort** Amanda Durkin (Utrecht, Netherlands), Tim Skrabanja, Ulrike Gehring, Runyu Zou, Virissa Lenters, Gerard Koppelman, Judith Vonk, Nienke Vrisekoop, Roel Vermeulen
OA6560	**Impact of Housing Characteristics and Indoor Environmental Factors on Chronic Obstructive Pulmonary Disease: Findings from the China Pulmonary Health (CPH) Study** ruirui Duan (beijing, China), Hongtao Niu, Ting Yang
OA6561	**Indoor mould exposure, cytokines from T2/non-T2/Th17 pathways and asthma: the CONSTANCES cohort** Laurent Orsi (Paris, France), Emilie Fréalle, Marine Savouré, Julie Demaret, Isabelle Top, Lucie Georjon, Marcel Goldberg, Céline Ribet, Marie Zins, Nicolas Roche, Bénédicte Leynaert, Tajidine Tsiavia, Joseph Henny*, Rachel Nadif*

OA6562 **Early-life air pollution exposures and lung function trajectories from ages 8-24 years in the ALSPAC cohort**
Katie Eminson (Nottingham, United Kingdom), Yingxin Chen, Raquel Granell, John Gulliver, Yutong Samuel Cai, Anna L Hansell

OA6553 **Discussion and Q&A**

Auditorium — Session 551 — 17:15 - 18:45

Assembly members' meeting: Assembly 10 Members meeting: Respiratory infections

Chairs : Raquel Duarte (Porto, Portugal), Onno Akkerman (Groningen, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6563**
Raquel Duarte (Porto, Portugal)

7A — Session 552 — 17:15 - 18:45

Assembly members' meeting: Assembly 13 Members meeting: Pulmonary vascular diseases

Chairs : Olivier Sitbon (Le Kremlin-Bicêtre, France), Harm Jan Bogaard (Amsterdam, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6564**
Olivier Sitbon (Le Kremlin-Bicêtre, France)

Elicium 2 — Session 553 — 17:15 - 18:45

Assembly members' meeting: Assembly 12 Members meeting: Interstitial lung diseases

Chairs : Michael Kreuter (Mainz, Germany), Marlies S. Wijsenbeek (Rotterdam, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6565**
Michael Kreuter (Mainz, Germany)

5A — Session 554 — 17:15 - 18:45

Assembly members' meeting: Assembly 11 Members meeting: Thoracic oncology

Chairs : Najib M. Rahman (Oxford, United Kingdom), Georgia Hardavella (Athens, Greece)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6566**
Najib M. Rahman (Oxford, United Kingdom)

5B — Session 555 — 17:15 - 18:45

Assembly members' meeting: Assembly 7 Members meeting: Paediatrics

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6567**
Alexander Möller (Zürich, Switzerland)

5C — Session 556 — 17:15 - 18:45

Assembly members' meeting: Assembly 9 Members meeting: Allied respiratory professionals

Chairs : Jellien Makonga-Braaksma (Woudenberg, Netherlands), Chris Burtin (Diepenbeek, Belgium)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6568**
Jellien Makonga-Braaksma (Woudenberg, Netherlands)

5D — Session 557 — 17:15 - 18:45

Assembly members' meeting: Assembly 4 Members meeting: Sleep disordered breathing

Chairs : Sophia E. Schiza (Heraklion, Greece), Esther Irene Schwarz (Zürich, Switzerland)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6569**
Sophia E. Schiza (Heraklion, Greece)

Elicium 1 — Session 558 — 17:15 - 18:45

Assembly members' meeting: Assembly 3 Members meeting: Basic and translational sciences

Chairs : H. Irene Heijink (Groningen, Netherlands), Niki L. Reynaert (Maastricht, Netherlands), Arnaud Mailleux (Paris, France)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6570**
H. Irene Heijink (Groningen, Netherlands)

Forum — Session 559 — 17:15 - 18:45

Assembly members' meeting: Assembly 5 Members meeting: Airway diseases, asthma, COPD and chronic cough

Chairs : Apostolos Bossios (Stockholm, Sweden), Florence Schleich (Liège, Belgium)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6571**
Apostolos Bossios (Stockholm, Sweden)

3A — Session 560 — 17:15 - 18:45

Assembly members' meeting: Assembly 1 Members meeting: Respiratory clinical care and physiology

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Guido Vagheggini (Volterra (PI), Italy), Sam Bayat (Grenobe, France)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6572**
Ioannis Vogiatzis (Blyth, United Kingdom)

3B — Session 561 — 17:15 - 18:45

Assembly members' meeting: Assembly 2 Members meeting: Respiratory intensive care

Chairs : Christian Karagiannidis (Cologne, Germany), João Carlos Winck (Vila Nova de Gaia, Portugal), Luk Ping Lam (Hong Kong, Hong Kong)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6573**
Christian Karagiannidis (Cologne, Germany)

Amtrium — Session 562 — 17:15 - 18:45

Assembly members' meeting: Assembly 6 Members meeting: Epidemiology and environment

Chairs : Ane Johannessen (Bergen, Norway), Rafael E. de la Hoz (New York, United States)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6574**
Ane Johannessen (Bergen, Norway)

E102 — Session 563 — 17:15 - 18:45

Assembly members' meeting: Assembly 8 Members meeting: Thoracic surgery and transplantation

Chairs : Federica Meloni (Padova, Italy), Marcello Migliore (Catania, Italy), René Hage (Zürich, Switzerland)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6575**
Federica Meloni (Padova, Italy)

E103/104 — Session 564 — 17:15 - 18:45

Assembly members' meeting: Assembly 14 Members meeting: Clinical techniques, imaging and endoscopy

Chairs : Walter De Wever (Leuven, Belgium), Elżbieta Magdalena Grabczak (Warszawa, Poland), Mohammed Munavvar (Preston (Lancashire), United Kingdom), Konstantina Kontogianni (Heidelberg, Germany)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6576**
Walter De Wever (Leuven, Belgium)

Elicium 1 Session 565 08:00 - 09:15

Wednesday special session: International Respiratory Coalition national coalitions networking breakfast

Aims : to bring together national coalition partners and supporters of the International Respiratory Coalition (IRC), which is founded on the idea of multistakeholder collaboration, from across Europe to build valuable connections, share insights and explore opportunities for collaboration; to deliver a short presentation, which will be followed by breakfast and networking.

Chairs : Guy F. Joos (Ghent, Belgium), Silke Ryan (Dublin, Ireland), Rutger Haandrikman (Amersfoort, Netherlands)

08:00	**Welcome** Guy F. Joos (Ghent, Belgium), Silke Ryan (Dublin, Ireland)	**6577**
08:05	**Presentations**	**6578**
08:20	**Discussion and Q&A**	**6579**
08:25	**Breakfast and networking**	**6580**

E103/104 Session 566 09:15 - 11:45

Wednesday special session: Primary prevention for healthy lungs

Aims : This session will explore the key outcomes of the 2025 ERS Presidential Summit, which emphasized prevention as the cornerstone of respiratory health. With over 80 million people in the WHO European Region affected by chronic respiratory diseases, the summit highlighted the urgent need to address preventable risk factors such as tobacco use, air pollution, and early-life exposures. It showcased the importance of early detection through digital tools, patient-centred care, and community-based models. The release of the first-ever WHO–ERS report on CRDs underscored their under-recognition and called for immediate policy action. This session will discuss the evidence, patient voices, and global policy opportunities driving a new era of proactive lung health strategies.

Chairs : Helen Parks (Lisburn, United Kingdom), Silke Ryan (Dublin, Ireland)

09:15	**Introduction and opening** Helen Parks (Lisburn, United Kingdom), Silke Ryan (Dublin, Ireland)	**6581**
09:20	**Part 1. Prevention in theory: key prevention messages from the World Health Organization Chronic Respiratory Disease report** Speaker to be confirmed	**6582**
09:35	**Part 1. Prevention in theory: World Health Organization report on the impact of air quality on children's health and World Health Organization air quality conference outcomes** Heather Adair-Rohani (, Switzerland)	**6583**
09:50	**Part 2. Prevention in action: HealthyLungs4Life and sniffer bikes in Amsterdam** Károly Illy (Tiel, Netherlands)	**6584**
10:05	**Part 2. Prevention in action: prevention in the joint action on respiratory disease** Ildikó Horváth (Budakeszi, Hungary)	**6585**
10:20	**Part 2. The findings from a study into the possibility of a generational sales ban for tobacco products in the EU** Steven Baylis (Zwolle, Netherlands)	**6586**
10:35	**Part 2. Prevention in action: vaping in young people** Speaker to be confirmed	**6587**
10:50	**Part 2. Prevention in action: close and presentation of the European Respiratory Society/European Lung Foundation prevention strategy** Monika Gappa (Düsseldorf, Germany)	**6588**
11:05	**Part 3. Break-out sessions and discussion**	**6589**

Studio Session 567 09:15 - 10:00

Skills lab: Oscillometry

Aims : to demonstrate forced oscillometry measurements and to highlight techniques that ensure accuracy; to discuss the interpretation of results, the clinical relevance of measurements and the advantages/disadvantages of this technique. All this will be achieved with live demonstrations, case studies of adults/children and interactive questions/discussion.

Tag(s) : Clinical

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Omar S. Usmani (London, United Kingdom)

09:15	**Introduction** Omar S. Usmani (London, United Kingdom), Frans H.C. De Jongh (Enschede, Netherlands)	**6590**
09:20	**Oscillometry procedure** Frans H.C. De Jongh (Enschede, Netherlands), Rachel Ong-Salvador (Amsterdam, Netherlands)	**6591**
09:30	**Paediatric case presentation discussion** Rachel Ong-Salvador (Amsterdam, Netherlands)	**6592**
09:40	**Adult case presentation discussion** Chung-Wai Chow (Toronto (ON), Canada)	**6593**
09:50	**Discussion and Q&A** All speakers	**6594**

Elicium 2 — Session 568 — 09:30 - 12:45

Wednesday special session: Advancing gender equity in respiratory medicine

Inclusive solutions for all

Aims : to create a platform for respiratory professionals to connect, build relationships and exchange knowledge and experiences; to encourage collaboration in the respiratory profession, fostering partnerships, teamwork and the sharing of ideas and best practices; to empower women in the respiratory profession by offering career development resources, mentorship programmes and discussions on leadership and advancement opportunities; to highlight the importance of diversity and inclusivity in the field of respiratory care; to encourage the community from diverse backgrounds to participate and contribute to the event.

Chairs : Susanne Vijverberg (Amsterdam, Netherlands), Thomas Gille (Bobigny, France)

09:30	**Introduction by European Respiratory Society leaders** Monika Gappa (Düsseldorf, Germany), Hilary Pinnock (Edinburgh, United Kingdom), Judith Garcia-Aymerich (Barcelona, Spain)	**6595**
09:45	**Ice-breaker**	**6596**
10:15	**Science behind imposter syndrome** Sanne Feenstra (Amsterdam, Netherlands)	**6597**
10:30	**Discussion**	**6598**
10:35	**Making space, empowerment and mentorship in respiratory medicine** Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)	**6599**
10:50	**Discussion**	**6600**
10:55	**The triple burden of being a woman, a migrant and an early-career professional in respiratory medicine** Laura Delgado Ortiz (Barcelona, Spain)	**6601**
11:05	**Panel discussion** Judith Garcia-Aymerich (Barcelona, Spain), Sara Cuevas Ocaña (Cambridge, United Kingdom), Joanna Chorostowska-Wynimko (Warsaw, Poland), Fatma Chermiti Ben Abdallah (Tunis, Tunisia), Laura Delgado Ortiz (Barcelona, Spain), Christopher E. Brightling (Leicester (Leicestershire), United Kingdom), Speaker to be confirmed	**6602**
11:45	**Brunch and networking**	**6603**

E102 — Session 569 — 09:30 - 11:30

Wednesday special session: What can ERN-LUNG offer for the future?

Initiatives that aim at a stronger impact

Aims : to discuss how the network can tighten the links, improve its relevance and address future challenges.

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France), Pippa Powell (Sheffield (South Yorkshire), United Kingdom)

09:30	**Introduction** Marc Humbert (Le Kremlin-Bicêtre, France)	**6604**
09:35	**The ERN-LUNG Academy: learning from the best** Elisabeth Humbert-Dorfmüller (Frankfurt am Main, Germany), Thomas Koudstaal (Rotterdam, Netherlands)	**6605**

09:55	**CPMS 2.0: how to increase interactivity and cooperation for the benefit of patients** Helge Hebestreit (Wuerzburg, Germany), Sabina Solinas (Paris, France)	**6606**
10:25	**Artificial intelligence in the diagnosis and treatment of rare respiratory diseases** Richard Noll (Frankfurt am Main, Germany), Holger Storf (Frankfurt, Germany)	**6607**
11:05	**Discussion and Q&A**	**6608**

E107/108 Session 570 09:30 - 11:00

Wednesday special session: Co-design and patient involvement in respiratory innovation

Aims : to promote meaningful collaborative work with patients so that clinical and research innovations meet the needs of people living with respiratory conditions; to discuss the significance of patient involvement in respiratory innovation, from consultation to co-design; to explain how to capture the voices of patients and family members and incorporate their insights into research and clinical practice; to increase awareness of inclusive and innovative strategies to work in partnership with patients and members of the public; to facilitate collaboration with communities to align innovations to local context.

Chairs : Mikaela Odemyr (Järved, Sweden), Ramesh J. Kurukulaaratchy (Southampton, United Kingdom)

09:30	**Patient involvement in respiratory innovation: principles and practicalities** Debra Montague (USK, United Kingdom)	**6609**
09:45	**The voices of the patient and carer at the centre of research and clinical practice** Lucilla Piccari (Barcelona, Spain)	**6610**
10:00	**Creative and inclusive ways of involving patients and members of the public in research** Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom)	**6611**
10:15	**BreatheIndia: collaborating with communities to align innovations to local context**	**6612**
10:30	**Panel and open floor interactive discussion** Lucilla Piccari (Barcelona, Spain), Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom), Zena Powell (Aylesbury, United Kingdom), Debra Montague (USK, United Kingdom)	**6613**

Studio Session 571 10:15 - 11:00

Patient-centred session: Bridging the communication gap

Aims : to evaluate the evolving patient-healthcare professional relationship in the clinic setting; to identify potential areas for improvement.

Chairs : Phil Taverner (Bromham, United Kingdom)

10:15	**Bridging the communication gap: panel discussion** Eliza Kompatsiari (Thessaloniki, Greece), Dominique Hamerlijnck (Amsterdam, Netherlands), Amy Hai Yan Chan (Auckland, New Zealand), Alyn Morice (Cottingham, United Kingdom), Lisa McNeil (Blackpool, United Kingdom)	**6614**

Elicium 1 Session 572 10:45 - 12:45

Wednesday special session: European Respiratory Society and planetary health: striving for sustainability

Aims : This session will provide participants with scientific evidence on how climate changes and other planetary issues may influence lung health. The aim is to empower respiratory practitioners to advocate and act for a sustainable environment, both in their own practice and at global level.

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Benoit Nemery (Leuven, Belgium)

10:45	**Comprehensive introduction to sustainability and climate-related issues** Barbara Hoffmann (Düsseldorf, Germany)	**6615**
11:05	**Microplastics: the role of science in facing a ubiquitous threat to lung health** Christopher Carlsten (Vancouver (BC), Canada)	**6616**
11:25	**Sustainability in medical curricula** Thomas Geiser (Bern, Switzerland)	**6617**
11:40	**Sustainable healthcare initiatives in the Netherlands** Ilse M. Boudewijn (Groningen, Netherlands)	**6618**

11:55	**Panel discussion** Phil Taverner (Bromham, United Kingdom), Benoit Nemery (Leuven, Belgium)	**6619**

E107/108 Session 573 11:15 - 12:45

Wednesday special session: How to maximise the impact of your research project outcomes

Aims : to provide examples of how the results of projects can be utilised for further research or other purposes; to highlight that a project's ultimate success is defined by effective exploitation ; to provide a deeper understanding of the strategies for effective exploitation of results.

Chairs : Sanja Stanojevic (Halifax (NS), Canada), Eva Polverino (Barcelona, Spain)

11:15	**Leveraging resources: the view of the European Union commission**	**6620**
11:30	**SOLACE: European lung cancer screening alliance** Helmut Prosch (Wien, Austria)	**6621**
11:45	**Value-DX: link with the European Respiratory Society clinical research collaboration programme** Eva Polverino (Barcelona, Spain)	**6622**
12:00	**DiscovAIR: the human cell atlas** Martijn C. Nawijn (Groningen, Netherlands)	**6623**
12:15	**LH4L: community of practice** Suzanne Bocoum (brussels, Belgium)	**6624**
12:30	**Lungs Europe: a European Respiratory Society and European Lung Foundation partnership** Vlatka Matkovic (Brussels, Belgium)	**6625**

Studio Session 574 11:15 - 12:00

Deep Dive: Universal health coverage: ensuring equity of access

Aims : to review the current global progress toward achieving universal health coverage (UHC); to discuss disparities in access to respiratory healthcare across high- and low-income countries; to identify strategies to promote equitable respiratory health services within diverse healthcare systems.

Tag(s) : Congress theme: Respiratory health around the globe

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Omar S. Usmani (London, United Kingdom)

11:15	**Current progress to achieving universal health coverage: World Health Organization report** Tara Ballav Adhikari (Kathamndu, Nepal)	**6626**
11:20	**Panel discussion: challenges in high- and low-income countries** Tara Ballav Adhikari (Kathamndu, Nepal), Speaker to be confirmed	**6627**

Studio Session 575 12:15 - 13:00

Experts interview: The lifelong burden of high-dose inhaled corticosteroids

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Omar S. Usmani (London, United Kingdom)

12:15	**The lifelong burden of high-dose inhaled corticosteroids: panel discussion** Alexander Möller (Zürich, Switzerland), Chloe Bloom (London, United Kingdom), Donald Sin (Vancouver (BC), Canada)	**6628**

INDUSTRY SESSIONS

E102 Session 104 10:30 - 11:15

Industry Skills Lab Workshop: Beyond CPAP: Tackling Complex Cases

Organised by ResMed

Chairs : Sophia E. Schiza (Heraklion, Greece), Samantha Amanda Sathyapala (London, United Kingdom)

10:30	**Improving Adherence in CPAP: Tools, Technologies and Tailored Approaches** Holger Woehrle (Ulm, Germany)	**1238**
10:48	**Emerging Central Sleep Apnoea: Recognition, Risks and Response** Sébastien Baillieul (Grenoble CEDEX 9, France)	**1239**

E103/104 Session 105 10:30 - 11:15

Industry Skills Lab Workshop: Optimal Approaches for Effective Positive Airway Pressure Therapy: Strategies and Best Practice

Organised by Philips

Chairs : Michael Polkey (London, United Kingdom)

10:30	Dries Testelmans (Leuven, Belgium)	**1240**
10:48	Stefania Redolfi (Cagliari, Italy)	**1241**

7A Session 115 12:15 - 13:15

Industry Lunchtime Symposium: New perspectives to redefine COPD control

Organised by Chiesi Farmaceutici S.p.A.

Chairs : Alvar Agusti Garcia-Navarro (Barcelona, Spain), Frits M.E. Franssen (Maastricht, Netherlands)

12:15	**Welcome and introduction** Frits M.E. Franssen (Maastricht, Netherlands)	**1304**
12:20	**COPD control: Reveal the foundations** Bartolome R. Celli Croquer (Boston, United States)	**1305**
12:40	**Achieving long-term control: from clinical evidence to real-world** Paola Rogliani (Roma (RM), Italy)	**1306**
13:00	**Q&A - All Faculty** All speakers	**1307**

5A Session 116 12:15 - 13:15

Industry Lunchtime Symposium: Targeting type 2 inflammation in asthma and COPD: redefining patient care with dupilumab

Organised by Sanofi Regeneron

Chairs : Guy Brusselle (Ghent, Belgium)

12:15	**Welcome and introduction** Guy Brusselle (Ghent, Belgium)	**1308**
12:20	**Type 2 inflammation in asthma and COPD: A common mechanism in two distinct diseases** Mona Al-Ahmad (Kuwait, Kuwait), Kenneth R. Chapman (Toronto (ON), Canada), Guy Brusselle (Ghent, Belgium)	**1309**
12:35	**Improving patient outcomes in asthma and COPD: Dual inhibition of IL-4 and IL-13 signaling with dupilumab** Mona Al-Ahmad (Kuwait, Kuwait), Kenneth R. Chapman (Toronto (ON), Canada), Guy Brusselle (Ghent, Belgium)	**1310**
13:05	**Q&A and close** All speakers	**1311**

5B Session 117 12:15 - 13:15

Industry Lunchtime Symposium: Targeting eosinophilic inflammation: clinical impact in pulmonary and systemic disease

Organised by AstraZeneca

Chairs : Salman H. Siddiqui (London, United Kingdom)

12:15	**AstraZeneca open** AstraZeneca	**1312**
12:20	**Chair's welcome** Salman H. Siddiqui (London, United Kingdom)	**1313**
12:25	**Unravelling the pathological role of eosinophilic inflammation** Florence Roufosse (Brussels, Belgium)	**1314**
12:40	**Targeting eosinophils: addressing the problem at the source** Alessandra Vultaggio (Florence, Italy)	**1315**
12:55	**Evolving treatment goals for eosinophil-driven diseases** Salman H. Siddiqui (London, United Kingdom)	**1316**

5C Session 118 12:15 - 13:15

Industry Lunchtime Symposium: Act now: Integrating the adjuvanted RSV vaccine into the treatment plan for older adults with respiratory disease

Organised by GSK

Chairs : Alberto Papi (Cona, Ferrara, Italy)

12:15	**Welcome & Introduction** Alberto Papi (Cona, Ferrara, Italy)	**1317**
12:20	**Time to prevent exacerbations:** **The impact of RSV in older adults with asthma or COPD** Marek Lommatzsch (Rostock, Germany)	**1318**
12:30	**Time for risk reduction:** **Vaccinating patients with asthma or COPD against RSV-LRTD** Alberto Papi (Cona, Ferrara, Italy)	**1319**
12:45	**Time to debate:** **What is the biggest barrier to RSV vaccination in our patients?** Marco Goeijenbier (Rotterdam, Netherlands), Rosario Menendez Villanueva (Valencia, Spain)	**1320**
13:00	**Time for action:** **The role of specialists in the vaccination journey** **(All speakers, moderated by Prof. Papi)** Alberto Papi (Cona, Ferrara, Italy), Marek Lommatzsch (Rostock, Germany), Marco Goeijenbier (Rotterdam, Netherlands), Rosario Menendez Villanueva (Valencia, Spain)	**1321**
13:05	**Q&A and close** **(All speakers, moderated by Prof. Papi)** All speakers	**1322**

Elicium 1 Session 162 12:45 - 13:45

Industry Lunchtime Symposium: RSV+hMPV: The Hidden Burden in Adults – Let's Talk About It!

Organised by Sanofi

Chairs : Albert Osterhaus (Hannover, Germany)

12:45	**hMPV history and state of the art** Albert Osterhaus (Hannover, Germany)	**2122**
13:05	**RSV+hMPV Burden of Disease** Stefania Maggi (Venice, Italy), Iván Sanz Muñoz (Valladolid, Spain)	**2123**

13:30	**Q&A & Discussion** All speakers	**2124**

3A Session 164 12:45 - 13:45

Industry Lunchtime Symposium: Epithelial health: uniting the airway to transform patient care towards clinical remission

Organised by AstraZeneca

Chairs : Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)

12:45	**AstraZeneca welcome** AstraZeneca	**2130**
12:50	**Welcome and introductions** Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)	**2131**
12:52	**Restoring epithelial health: a step towards clinical remission** Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)	**2132**
13:02	**Epithelial-immune crosstalk and the impact on epithelial health** Oscar Palomares (Madrid, Spain)	**2133**
13:12	**The role of the epithelium in the lower airway** Enrico Marco Heffler (Milano, Italy)	**2134**
13:27	**The implications of epithelial activation across the upper and lower airway** Tanya M. Laidlaw (Boston, United States)	**2135**
13:42	**Summary and meeting close** Christopher E. Brightling (Leicester (Leicestershire), United Kingdom)	**2136**

3B Session 165 12:45 - 13:45

Industry Lunchtime Symposium: Unmasking COPD: Recognizing Early Signs and Tailoring Treatment

Organised by Menarini group

Chairs : Daiana Stolz (Freiburg, Germany)

12:45	**Introduction** Daiana Stolz (Freiburg, Germany)	**2137**
12:50	**The Hidden Beginnings: Tracing COPD from First Breaths to First Symptoms** Daiana Stolz (Freiburg, Germany)	**2138**
13:00	**COPD diagnosis 2025 and beyond** Claus Vogelmeier (Marburg, Germany)	**2139**
13:10	**Dual bronchodilators – clinical trials and personalised treatment** Dave Singh (Manchester, United Kingdom)	**2140**
13:20	**Breathe Better, Live Stronger: The Power of Personalized Inhalers** Federico Lavorini (Firenze (FI), Italy)	**2141**
13:30	**Q&A** All speakers	**2142**

Amtrium Session 166 12:45 - 13:45

Industry Lunchtime Symposium: From burden to protection: A new era in pneumococcal disease prevention by meeting the unique needs of the adult population

Organised by MSD

Chairs : Marc Bonten (Utrecht, Netherlands)

12:45	**Welcome and introduction** Marc Bonten (Utrecht, Netherlands)	**2143**

12:50	**Pneumococcal Pneumonia Epidemiology, Urine serotyping, Mental Outcomes - PNEUMO Study EUROPE** Cristina Prat Aymerich (Utrecht, Netherlands)	**2144**
13:05	**PCV21, an adult-specific pneumococcal vaccine** Jayani Pathirana (New Jersey, United States)	**2145**
13:20	**Improving adult vaccination: the example of pneumococcal disease prevention** Thomas Weinke (Postdam, Germany)	**2146**
13:35	**Question and Answers** All speakers	**2147**

E102 Session 175 14:00 - 14:45

Industry Skills Lab Workshop: Peripheral Nodule Management: EB-710P, Radial EBUS and Synapse 3D for a Complete Diagnostic Approach Precise localization and planning in the evaluation of peripheral pulmonary lesions.

Organised by FUJIFILM Healthcare Europe GmbH

Chairs : Andrea Claudio Comel (Peschiera del Garda (VR), Italy), Filippo Lanfanchi

14:00		**2185**
14:18		**2186**
14:36		**2187**
14:54		**2188**

E103/104 Session 176 14:00 - 14:45

Industry Skills Lab Workshop: State of the Art of Asthma Diagnosis and Follow-Up - A practical guide on how and which lung function tests (PFTs) contribute.

Organised by GANSHORN Medizin Electronic GmbH

Chairs : Frederik Trinkmann (Heidelberg, Germany)

14:00	**Spirometry and bronchodilator response**	**2189**
14:15	**Direct and indirect bronchoprovocation tests**	**2190**
14:30	**Oscillometry and FeNO**	**2191**

E102 Session 197 15:30 - 16:15

Industry Skills Lab Workshop: Synapse 3D: Advanced Planning for Diagnostic Bronchoscopy

Organised by FUJIFILM Healthcare Europe GmbH

Chairs : Sammy Onyancha (Offenbach am Main, Germany)

15:30	Andrea Comel, Filippo Lanfranchi,	**2302**
15:48		**2303**
16:06		**2304**
16:24		**2305**

E103/104 Session 198 15:30 - 16:15

Industry Skills Lab Workshop: QuOTE (Questionnaire for Oxygen Therapy Effectiveness) for LTOT : Need and Utility in everyday clinical practice.

Organised by Inogen

Chairs : ABHIJITH PG (Amsterdam, Netherlands)

15:30	Michael Dreher (Aachen, Germany)	**2306**
15:45	Nicholas Hart (London, United Kingdom)	**2307**
16:00	**Q&A / Demo**	**2308**

Auditorium — Session 205 — 17:30 - 19:00

Industry evening symposium: The changing treatment landscape in pulmonary fibrosis

Organised by Boehringer Ingelheim International GmbH

Chairs : Toby M Maher (Los Angeles, United States)

17:30	**Introduction** Toby M Maher (Los Angeles, United States)	**2365**
17:35	**Treatment of pulmonary fibrosis: the journey to now** Vincent Cottin (Lyon, France)	**2366**
17:50	**Nerandomilast in idiopathic pulmonary fibrosis: results of the FIBRONEER-IPF trial** Marlies S. Wijsenbeek (Rotterdam, Netherlands)	**2367**
18:05	**Nerandomilast in progressive pulmonary fibrosis: results of the FIBRONEER-ILD trial** Anna Maria Hoffmann-Vold (Oslo, Norway)	**2368**
18:20	**Mortality as an endpoint in clinical trials in pulmonary fibrosis** Toby M Maher (Los Angeles, United States)	**2369**
18:35	**Q&A** Toby M Maher (Los Angeles, United States)	**2370**

5A — Session 206 — 17:30 - 19:00

Industry evening symposium: Type 2 Severe Asthma “Unplugged”: Reducing Mucus To Improve Long-Term Patient Outcomes

Organised by Sanofi Regeneron

17:30	**Welcome and Introduction** Celeste Michala Porsbjerg (Copenhagen, Denmark)	**2371**
17:35	**A Sticky Situation: Burden of Mucus Plugging on Patients with Severe Asthma** Matteo Bonini (Rome, Italy)	**2372**
17:50	**Inflammation to Obstruction: Role of Type 2 Cytokines in Mucus Plugs** Njira L Lugogo (Durham, United States)	**2373**
18:05	**Approaching Mucus With Precision: Targeting Disease Modification For Improved Outcomes** Mario Castro (Kansas City, United States)	**2374**
18:25	**Panel Discussion: What Truly Constitutes Modification of Disease in Severe Asthma?** Mario Castro (Kansas City, United States), Simon Couillard (Sherbrooke, Canada), Njira L Lugogo (Durham, United States)	**2375**
18:45	**Audience Q&A** Mario Castro (Kansas City, United States), Simon Couillard (Sherbrooke, Canada), Njira L Lugogo (Durham, United States)	**2376**

5D — Session 207 — 17:30 - 19:00

Industry evening symposium: IL-33 is not just IL-33: there is more than one side to the COPD story

Organised by AstraZeneca

Chairs : Claus Vogelmeier (Marburg, Germany)

17:30	**Introduction to the storytellers: Chair’s welcome** Claus Vogelmeier (Marburg, Germany)	**2377**

17:35	**Prologue: transforming care in COPD** Andrew Menzies-Gow (London, United Kingdom)	**2378**
17:40	**Setting: the unmet needs in COPD treatment and the role of mucus dysfunction in disease progression** Rebecca D'Cruz (London, United Kingdom)	**2379**
18:00	**First act: the distinct pathways of IL-33 driving COPD pathogenesis** Dave Singh (Manchester, United Kingdom)	**2380**
18:30	**Second act: exploring clinical development of IL-33-targeted biologics** Stephanie Christenson (San Francisco, United States)	**2381**
18:40	**Story review and discussion: how targeting the distinct IL-33 pathways may change the future landscape of COPD** Claus Vogelmeier (Marburg, Germany), Rebecca D'Cruz (London, United Kingdom), Dave Singh (Manchester, United Kingdom), Stephanie Christenson (San Francisco, United States)	**2382**
18:55	**Epilogue: summary and close** Claus Vogelmeier (Marburg, Germany)	**2383**

Elicium 1 — Session 208 — 17:30 - 19:00

Industry evening symposium: Personalized Respiratory Care: Comprehensive Portfolio for Patients and Planet Health

Organised by Chiesi Farmaceutici S.p.A.

Chairs : Arzu Yorgancıoğlu (İzmir, Turkey)

17:30	**Welcome and introduction** Arzu Yorgancıoğlu (İzmir, Turkey)	**2384**
17:35	**Advancing Inhaler Technology: pMDIs and DPIs** Salman H. Siddiqui (London, United Kingdom)	**2385**
17:55	**Impact of Extrafine Formulations on Patients Outcomes** Monica Kraft (New York, United States)	**2386**
18:15	**Respiratory Care and Climate Impact: The Transition to Next Generation Propellants** Arzu Yorgancıoğlu (İzmir, Turkey), Job F.M. van Boven (Groningen, Netherlands)	**2387**
18:45	**Q&A - All Faculty** Arzu Yorgancıoğlu (İzmir, Turkey)	**2388**

3B — Session 210 — 17:30 - 19:00

Industry evening symposium: Cross-Talk Between Lung and Liver in Alpha-1 Antitrypsin Deficiency: A Call for Integrated Care

Organised by Takeda

17:30	**Welcome and Introduction**	**2398**
17:33	**Siloed Vs. United: The Case for Cross-Specialty Collaboration in AATD**	**2399**
17:43	**Shifting the Paradigm to Proactive Screening of AATD**	**2400**
17:50	**Amplifying the Impact of Every AATD Diagnosis**	**2401**
17:56	**Ensuring No Liver Disease Goes Unnoticed: Tangible Tips from Our Hepatology Colleagues**	**2402**
18:08	**Looking Beyond the Lungs: Surveying the Investigational Landscape for AATD-Associated Liver Disease**	**2403**
18:18	**Ask the Faculty and Take-Home Messages**	**6633**

Amtrium — Session 211 — 17:30 - 19:00

Industry evening symposium: Unravelling the eye of the bronchiectasis storm: a patient's journey

Organised by Insmed, Inc.

Chairs : Josje Altenburg (Amsterdam (NH), Netherlands)

17:30	**Introduction and Objectives** Josje Altenburg (Amsterdam (NH), Netherlands)	**2404**
17:35	**Bronchiectasis: navigating through the inflammatory storm and vicious vortex – Part 1** Eva Polverino (Barcelona, Spain)	**2405**
17:50	**My bronchiectasis patients, what can I do now?** Tony De Soyza (Newcastle-upon-Tyne, United Kingdom)	**2406**
18:10	**Bronchiectasis: navigating through the inflammatory storm and vicious vortex – Part 2** Gernot G.U. Rohde (Frankfurt am Main, Germany)	**2407**
18:25	**Countering the coming storm of bronchiectasis** Eva Polverino (Barcelona, Spain)	**2408**
18:40	**Panel discussion** All speakers	**2409**
18:55	**Close** Josje Altenburg (Amsterdam (NH), Netherlands)	**2410**

E102 Session 212 17:30 - 19:00

Industry evening mini symposium: Changing the Paradigm for COPD: Treatment of Rhinovirus Infections to Prevent Acute Exacerbations

Organised by Altesa Biosciences, Inc.

17:30		**2411**
17:45		**2412**
18:00		**2413**
18:15		**2414**
18:30		**2415**
18:45		**2416**

E103/104 Session 213 17:30 - 19:00

Industry evening mini symposium: Innovating for Better Patient Care in Respiratory Diseases: From Research to Clinical Excellence

Organised by Grifols

Chairs : Ilaria Ferrarotti (Pavia (PV), Italy), Ricard Ferrer (, Spain)

17:30	**Welcome and Introduction** Ilaria Ferrarotti (Pavia, Italy), Ricard Ferrer (, Spain)	**2417**
17:35	**From the Laboratory to the Clinic: New Mutations and the Impact on Medical Practice** Ilaria Ferrarotti (Pavia, Italy)	**2418**
17:50	**From Diagnosis to Treatment: Boosting Survival in AATD** Filipa Costa (Coimbra, Portugal)	**2419**
18:10	**From Research to Practice: Reducing Inflammation in Bronchiectasis Patients** Merete Bridget Long (Dundee, United Kingdom)	**2420**
18:30	**Boosting Survival in Severe Pneumonia Cases** Ricard Ferrer (, Spain)	**2421**
18:45	**ALTA Awards ceremony** Marion Trautmann (Frankfurt am Main, Germany), Ilaria Ferrarotti (Pavia (PV), Italy)	**2422**
18:50	**Closing**	**2423**

E102 Session 256 08:00 - 08:45

Industry Skills Lab Workshop: Future Readiness | Applied critical thinking for shaping service delivery in respiratory diagnosticsOrganised by Vitalograph

Organised by Vitalograph

Chairs : Adrian Fineberg (Maids Moreton, United Kingdom)

08:00		**3224**
08:18		**3225**
08:36		**3226**
08:54		**3227**

E103/104 Session 257 08:00 - 08:45

Industry Skills Lab Workshop: Aerosol Therapy in Obstructive Lung Disease: From Evidence to Patient Pathways

Organised by Aerogen

08:00		**3228**
08:18		**3229**
08:36		**3230**
08:54		**3231**

E102 Session 282 10:30 - 11:15

Industry Skills Lab Workshop: Personalised Non Invasive Ventilation: Unlocking the Value

Organised by ResMed

Chairs : Marieke L. Duiverman (Groningen, Netherlands), Christopher Carlin

10:30	**From Initiation to Optimisation: Practical Strategies for Setting Up and Managing Home Ventilation** Maria José Araújo Cunha Guimarães (Palmeira – St^{o} Tirso, Portugal)	**3368**
10:48	**An effective digitalised approach in ventilated patients** Ulla Anttalainen (Paimio, Finland)	**3369**
11:06		**3370**
11:24		**3371**

E103/104 Session 283 10:30 - 11:15

Industry Skills Lab Workshop: High-Definition Staging: EB-530US with Arietta 750 for Enhanced EBUS Ultrasound ImagingSharper image quality to support more accurate lymph node characterization.

Organised by FUJIFILM Healthcare Europe GmbH

Chairs : Hans Daniels

10:30		**3372**
10:48		**3373**
11:06		**3374**
11:24		**3375**

7A Session 292 12:15 - 13:15

Industry Lunchtime Symposium: Caring for patients and our planet: advocating for a sustainable future in respiratory care

Organised by AstraZeneca

Chairs : Christine Jenkins (McMahons Point (NSW), Australia)

12:15	**AstraZeneca open** AstraZeneca AstraZeneca	**3442**
12:20	**A perfect storm: climate change, respiratory disease, and overburdened healthcare systems** Christine Jenkins (McMahons Point (NSW), Australia)	**3443**
12:30	**The power of prevention: impact of guideline-directed medical therapy on patients and planet** Erika Penz (Saskatoon, Canada), Michael Crooks (East Riding of Yorkshire, United Kingdom)	**3444**
12:50	**Transitioning to the next generation of sustainable treatment options** Frederik Trinkmann (Heidelberg, Germany)	**3445**
13:10	**Audience Q&A and meeting close** All speakers	**3446**

Elicium 2 Session 293 12:15 - 13:15

Industry Lunchtime Symposium: COPD Challenge On: Addressing unmet needs in COPD via the ST2/IL-33 pathway

Organised by F. Hoffmann-La Roche

Chairs : Claus Vogelmeier (Marburg, Germany)

12:15	**Addressing the unmet need in COPD: The reality of frequent exacerbations** Claus Vogelmeier (Marburg, Germany)	**3447**
12:27	**The exacerbation equation: Who, why and when** Alberto Papi (Cona, Ferrara, Italy)	**3448**
12:39	**Untangling the ST2/IL-33 pathway in COPD** Dave Singh (Manchester, United Kingdom)	**3449**
12:51	**Beyond eosinophils: The expanding biomarker landscape** MeiLan K. Han (Ann Arbor, United States)	**3450**
13:03	**Living with the disease: How COPD shapes daily lives** Neil Greening (Leicester, United Kingdom)	**3451**

5A Session 294 12:15 - 13:15

Industry Lunchtime Symposium: Contemporary PAH Treatment: Bringing Innovation into Clinical Practice

Organised by MSD

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France)

12:15	**The Unmet Clinical Need in PAH** Gabor Kovacs (Graz, Austria)	**3452**
12:25	**Science and Innovation Behind the First Activin Signaling Inhibitor (ASI)** Laurent Savale (Le Kremlin-Bicêtre, France)	**3453**
12:35	**Clinical Data Supporting a New Treatment Paradigm** Vallerie V. McLaughlin (Ann Arbor, United States)	**3454**
12:50	**Considerations on Clinical Implementation** Marc Humbert (Le Kremlin-Bicêtre, France)	**3455**
13:00	**Round Table Q&A/discussion** Marc Humbert (Le Kremlin-Bicêtre, France), Gabor Kovacs (Graz, Austria), Vallerie V. McLaughlin (Ann Arbor, United States), Laurent Savale (Le Kremlin-Bicêtre, France)	**3456**

5B Session 295 12:15 - 13:15

Industry Lunchtime Symposium: Less Flare, More Function: Recognizing the Full Spectrum of COPD Patient Outcomes

Organised by Sanofi Regeneron

Chairs : Nicola Hanania (Houston, United States)

12:15	**Welcome** Nicola Hanania (Houston, United States)	**3457**
12:20	**Beyond the Numbers: Unmasking the Burden of COPD** Celeste Michala Porsbjerg (Copenhagen, Denmark)	**3458**
12:35	**Inside the Airways: Understanding the Role of Type 2 Inflammation** Nicola Hanania (Houston, United States)	**3459**
12:50	**Biologics in Focus: New Frontiers in Treating COPD** Surya Bhatt (Birmingham, United States)	**3460**
13:05	**Audience Q&A/Panel Discussion** All speakers	**3461**

5C Session 296 12:15 - 13:15

Industry Lunchtime Symposium: Changing the trajectory in type 2 asthma: Proactive strategies to rewrite the patient story

Organised by GSK

Chairs : Liam G. Heaney (Belfast (Belfast), United Kingdom)

12:15	**Welcome and introductions** Liam G. Heaney (Belfast (Belfast), United Kingdom)	**3462**
12:20	**Too little, too late: Patients left behind in asthma care** Liam G. Heaney (Belfast (Belfast), United Kingdom)	**3463**
12:35	**Predict to prevent – prescient management strategies for improved long-term outcomes in asthma** Simon Couillard (Sherbrooke, Canada)	**3464**
12:50	**Engaging patients as partners in the management of asthma (panel discussion)** Tonya Winders (Hendersonville, United States), Simon Couillard (Sherbrooke, Canada), Liam G. Heaney (Belfast (Belfast), United Kingdom)	**3465**
13:05	**Q&A** Tonya Winders (Hendersonville, United States), Simon Couillard (Sherbrooke, Canada), Liam G. Heaney (Belfast (Belfast), United Kingdom)	**3466**
13:10	**Summary and close** Liam G. Heaney (Belfast (Belfast), United Kingdom)	**3467**

5D Session 297 12:15 - 13:15

Industry Lunchtime Symposium: The power of prevention: Latest insights in COVID-19 and RSV vaccination

Organised by Pfizer

Chairs : Paolo Bonanni (, Italy)

12:15	**Welcome and introduction** Paolo Bonanni (, Italy)	**3468**
12:17	**Exploring the burden of respiratory infections: Are they underrecognized?** Stefania Maggi (Venice, Italy)	**3469**
12:27	**RSV vaccination: Bridging clinical trial insights with real-world evidence** Joe Lewnard (Berkeley, United States)	**3470**
12:47	**COVID-19 prevention: Vaccination as a cornerstone of respiratory care** Paul Loubet (Nîmes, France)	**3471**

13:07	**Q&A and close** Paolo Bonanni (, Italy)	**3472**

Elicium 1 — Session 340 — 12:45 - 13:45

Industry Lunchtime Symposium: Transforming Asthma Management: Achieving Enhanced Patient Outcomes

Organised by Chiesi Farmaceutici S.p.A.

Chairs : Helen Reddel (Sydney, Australia), Maarten van den Berge (Groningen, Netherlands)

12:45	**Welcome and introduction** Helen Reddel (Sydney, Australia), Maarten van den Berge (Groningen, Netherlands)	**4265**
12:50	**The Current Asthma Landscape: The Need for Innovative Solutions** Min Zhang (Shanghai, China)	**4266**
13:00	**Role of Small Airways in Asthma** Maarten van den Berge (Groningen, Netherlands)	**4267**
13:10	**From Asthma Control to Clinical Remission** Guy Brusselle (Ghent, Belgium)	**4268**
13:25	**Personalized Asthma Therapy: Real-World Evidence** Christian Gessner (Leipzig, Germany)	**4269**
13:35	**Q&A** All speakers	**4270**

3A — Session 341 — 12:45 - 13:45

Industry Lunchtime Symposium: Back to What Matters: Clinical Priorities in COPD and Asthma Care

Organised by Menarini group

Chairs : Alvar Agusti Garcia-Navarro (Barcelona, Spain)

12:45	**Introduction** Alvar Agusti Garcia-Navarro (Barcelona, Spain)	**4271**
12:50	**COPD: Underdiagnosis Gap** Alvar Agusti Garcia-Navarro (Barcelona, Spain)	**4272**
13:00	**From GOLD 2025 to Outcomes** Antonio Anzueto (SAN ANTONIO, United States)	**4273**
13:20	**Putting Patients with Asthma First: From Collaborative Models to RWE** Fulvio Braido (Genova, Italy), Susanna Palkonen (Bruxelles, Belgium)	**4274**
13:35	**Q&A** All speakers	**4275**

3B — Session 342 — 12:45 - 13:45

Industry Lunchtime Symposium: What if preventing COPD exacerbations is in your hands?

Organised by GSK

Chairs : John R Hurst (London, United Kingdom), Jadwiga A Wedzicha (London, United Kingdom)

12:45	**Welcome and introduction** John R Hurst (London, United Kingdom)	**4276**
12:52	**Striving for disease stability: a step-up to single-inhaler triple therapy (SITT) with purpose** John R Hurst (London, United Kingdom)	**4277**
13:04	**SITTing on the fence? Can NEW RWE help you choose?** Jadwiga A Wedzicha (London, United Kingdom)	**4278**
13:28	**Q&A & next steps – Your questions, expert perspectives, and a conversation that goes beyond the data** John R Hurst (London, United Kingdom), Jadwiga A Wedzicha (London, United Kingdom)	**4279**

13:43	**Thanks and close** Jadwiga A Wedzicha (London, United Kingdom)	**4280**

E102 Session 351 14:00 - 14:45

Industry Skills Lab Workshop: The importance of pathological mucus management in chronic lung diseases.

Organised by Physio Assist

Chairs : Beatriz Herrero Cortina (Zaragoza, Spain), João Carlos Winck (Vila Nova de Gaia, Portugal)

14:00	**Physiology and physiopathology of bronchial mucus** Claudio Rabec (Lausanne, Switzerland)	**4316**
14:15	**Summary presentation of clinical experience and recommendations from 24th April 2025 EU expert roundtable** Aleksander Kania (Kraków, Poland)	**4317**
14:30	**Q&A**	**4318**

E103/104 Session 352 14:00 - 14:45

Industry Skills Lab Workshop: Optimizing NIV in Obesity Hypoventilation Syndrome: from Pathology to Practice

Organised by Philips

Chairs : Michael Polkey (London, United Kingdom)

14:00	**Pathophysiology of OHS respiratory failure and how to commence, titrate, and monitor NIV with clinical cases** Claudia Crimi (Catania (CT), Italy), Javier Sayas Catalan (Madrid, Spain)	**4319**

E102 Session 371 15:30 - 16:15

Industry Skills Lab Workshop: Expanding Roles of Nasal High Flow Therapy in COPD Management

Organised by Fisher & Paykel Healthcare

Chairs : Lara Pisani (Bologna (BO), Italy), Ulla Møller Weinreich (Ålborg, Denmark)

15:30	**Can humidified high flow reverse mucus plugging?** Claudia Crimi (Catania (CT), Italy)	**4422**
15:48	**Home high flow therapy following COPD exacerbation** Rebecca D'Cruz (London, United Kingdom)	**4423**
16:00	**Nasal High Flow in COPD patients during day and night** Georg Nilius (Dortmund, Germany)	**4424**

E103/104 Session 372 15:30 - 16:15

Organised by FUJIFILM

Chairs : Hans Daniels

15:30		**4425**
15:48		**4426**
16:06		**4427**
16:24		**4428**

5A Session 382 17:30 - 19:00

Industry evening symposium: Targeting Neutrophilic Inflammation in an Evolving Treatment Landscape for Bronchiectasis

Organised by Insmed

Chairs : Amelia Shoemark (Dundee (Angus), United Kingdom)

17:30	**Introduction to Bronchiectasis** Amelia Shoemark (Dundee (Angus), United Kingdom)	**4478**
17:37	**The Patient Experience of BronchiectasisPatient video** Eva Polverino (Barcelona, Spain)	**4479**
17:45	**Immunopathology of Bronchiectasis: Understanding the Central Role of Neutrophilic Serine Proteases** Amelia Shoemark (Dundee (Angus), United Kingdom)	**4480**
18:00	**Emerging Therapies to Treat Inflammation in Bronchiectasis: Rationale, Mechanism of Action (MOA), and Key Clinical Data** Pamela J. McShane (Tyler, United States)	**4481**
18:25	**Case-Based Discussion With Interactive Polling Questions: Managing Bronchiectasis Today -- Where Do New Therapies Fit in the Treatment Paradigm?** Eva Polverino (Barcelona, Spain), Pamela J. McShane (Tyler, United States)	**4482**
18:55	**Conclusion and Audience Q&A** Amelia Shoemark (Dundee (Angus), United Kingdom)	**4483**

5D Session 383 17:30 - 19:00

Industry evening symposium: The Knowns and Unknowns in the COPD Landscape

Organised by Sanofi Regeneron

Chairs : Klaus F. Rabe (Kiel, Germany)

17:30	Dave Singh (Manchester, United Kingdom)	**4484**
17:35		**4485**

Elicium 1 Session 384 17:30 - 19:00

Industry evening symposium: How can a proactive risk-driven approach transform patient outcomes and set new standards in COPD?

Organised by AstraZeneca

Chairs : Sami O. Simons (Maastricht, Netherlands)

17:30	**AstraZeneca welcome**	**4486**
17:35	**Introduction and objectives** **Clara's COPD journey: Touchpoint 1 – her exacerbation** Sami O. Simons (Maastricht, Netherlands)	**4487**
17:45	**What strategies could we have considered to accelerate identifying Clara's exacerbations earlier?** David Price (Singapore, Singapore)	**4488**
18:00	**Clara's COPD journey: Touchpoint 2 – her cardiopulmonary event** Sami O. Simons (Maastricht, Netherlands)	**4489**
18:05	**What more can we do to address Clara's cardiopulmonary risk?** Maeva Zysman (cabanac et villagrains, France)	**4490**
18:20	**Clara's COPD journey: Touchpoint 3 – optimising her care** Sami O. Simons (Maastricht, Netherlands)	**4491**
18:25	**How can we raise the standards of COPD management for patients like Clara and for the planet?** John R Hurst (London, United Kingdom)	**4492**
18:40	**Panel discussion and audience Q&A** Christine Jenkins (McMahons Point (NSW), Australia)	**4493**
18:55	**Summary and close** Sami O. Simons (Maastricht, Netherlands)	**4494**

3A Session 385 17:30 - 19:00

Industry evening symposium: Pulmonary Arterial Hypertension: The Value of the Patient Perspective in Risk Assessment Evaluation.

Organised by MSD

17:30		**4495**
17:45		**4496**
18:00		**4497**
18:15		**4498**
18:30		**4499**
18:45		**4500**

3B Session 386 17:30 - 19:00

Industry evening symposium: Targeting the Future for Patients: From IL-5 Science to Real-World Impact in Type 2 Inflammation

Organised by GSK

Chairs : Ian D. Pavord (Oxford (Oxfordshire), United Kingdom)

17:30	**Welcome & introductions** Ian D. Pavord (Oxford (Oxfordshire), United Kingdom)	**4501**
17:35	**Bridging science and outcomes with IL-5 inhibition** Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain), Cedric Jamie Rutland (Lake Forest, United States)	**4502**
18:10	**Elevating patient care with proactive strategies** Liam G. Heaney (Belfast (Belfast), United Kingdom)	**4503**
18:30	**Continuing the journey: Mepolizumab's ongoing RWE evolution** Ian D. Pavord (Oxford (Oxfordshire), United Kingdom), Liam G. Heaney (Belfast (Belfast), United Kingdom), Celeste Michala Porsbjerg (Copenhagen, Denmark), Cedric Jamie Rutland (Lake Forest, United States)	**4504**
18:50	**Q&A and closing** Ian D. Pavord (Oxford (Oxfordshire), United Kingdom), Liam G. Heaney (Belfast (Belfast), United Kingdom), Celeste Michala Porsbjerg (Copenhagen, Denmark), Cedric Jamie Rutland (Lake Forest, United States)	**4505**

E102 Session 388 17:30 - 19:00

Industry evening mini symposium: Advances in Autoimmune Pulmonary Alveolar Proteinosis

Organised by Savara Inc.

Chairs : Brian Robinson (Langhorne, United States)

17:30	**Welcome and Introduction** Brian Robinson (Langhorne, United States)	**4512**
17:40	**Autoimmune Pulmonary Alveolar Proteinosis: Pathophysiology** Effrosyni D. Manali (Athens, Greece)	**4513**
18:00	**Autoimmune Pulmonary Alveolar Proteinosis: Diagnosis** Maria Kokosi (London, United Kingdom)	**4514**
18:20	**Autoimmune Pulmonary Alveolar Proteinosis: Management** Maria Molina Molina (Barcelona, Spain)	**4515**
18:40	**Q&A** Brian Robinson (Langhorne, United States), Effrosyni D. Manali (Athens, Greece), Maria Molina Molina (Barcelona, Spain), Maria Kokosi (London, United Kingdom)	**4516**

E103/104 Session 389 17:30 - 19:00

Industry evening mini symposium: Challenges in advanced lung disease: Perspectives on AATD and bronchiectasis

Organised by CSL Behring GmbH

Chairs : Noel Gerard McElvaney (Dublin, Ireland), Michal Shteinberg (Haifa, Israel)

17:30	**Welcome and symposium overview** Noel Gerard McElvaney (Dublin, Ireland), Michal Shteinberg (Haifa, Israel)	**4517**
17:35	**The patient voice: Living with advanced lung disease** **Coping, communication and care expectations** Thomas Heimann (, Germany)	**4518**
17:45	**Clinical perspectives: Caring for patients with advanced lung disease** **Real-world AATD: What to monitor, measure, and manage in the clinic** **Silent drivers of progression in bronchiectasis: What are we still missing?** **Discussion** Noel Gerard McElvaney (Dublin, Ireland), Michal Shteinberg (Haifa, Israel)	**4519**
18:20	**Overcoming therapeutic challenges in advanced lung disease** **The nuts and bolts of caring for patients with AATD** **Bronchiectasis: Is precision medicine the answer?** **Discussion** Sanjay Haresh Chotirmall (Singapore, Singapore), Emily F. A. van 't Wout (Leiden, Netherlands)	**4520**
18:55	**Summary and close** Noel Gerard McElvaney (Dublin, Ireland), Michal Shteinberg (Haifa, Israel)	**4521**

E107/108 Session 390 17:30 - 19:00

Industry evening mini symposium: Optimizing the Management of ILD-PH: Addressing Unmet Needs in a Challenging Disease

Organised by Ferrer

Chairs : Vincent Cottin (Lyon, France), Esther Nossent (Amsterdam, Netherlands)

17:30	**Introduction** Laura Price (London, United Kingdom)	**4522**
17:35	**Unravelling the diagnostic pathways of ILD-PH** Laura Price (London, United Kingdom)	**4523**
17:55	**Unmet needs and challenges of management of patients with ILD-PH** Sergio Alfonso Harari (Milano (MI), Italy)	**4524**
18:15	**Treatment landscape for ILD-PH** Vincent Cottin (Lyon, France)	**4525**
18:35	**Round Table Discussion**	**4526**

E102 Session 432 08:00 - 08:45

Industry Skills Lab Workshop: Breath by Breath: Enhancing Patient Outcomes with Rate Responsive Oxygen Delivery

Organised by GCE Medical

08:00		**5316**

E103/104 Session 433 08:00 - 08:45

Industry Skills Lab Workshop: Breathe deeply anywhere

Organised by Löwenstein Medical Se & Co. Kg

08:00		**5317**
08:18		**5318**
08:36		**5319**
08:54		**5320**

E102 Session 458 10:30 - 11:15

Industry Skills Lab Workshop: Comprehensive Respiratory Support: The Evolving Role of High-Flow Therapy in Chronic Disease

Organised by Fisher & Paykel Healthcare

Chairs : Jens Bräunlich (Leipzig, Germany), Georgios Kaltsakas (Athens, Greece)

10:30	**Humidified High-Flow Systems: optimizing airway clearance and improving outcomes for Chronic bronchiectasis patients** Martina Santambrogio (Milano (MI), Italy)	**5466**
10:48	**Interest for pulmonologists managing chronic respiratory patients with dyspnea** Martin Dres (Paris, France)	**5467**
11:00	**Synergic Integration: High Flow Therapy as a Coadjuvant to Airway Clearance Techniques** Beatriz Herrero Cortina (Zaragoza, Spain)	**5468**

E103/104 Session 459 10:30 - 11:15

Industry Skills Lab Workshop: Mastering the art of CPET interpretation

Organised by JAEGER MEDICAL

Chairs : Herman Groepenhoff (Lijnden, Netherlands)

10:30	Karl Sylvester, Frans de Jongh	**5469**
10:48		**5470**
11:06		**5471**
11:24		**5472**

5A Session 470 12:15 - 13:15

Industry Lunchtime Symposium: Addressing a Moving Target; Maintaining and Expanding Protection with PCV20 in a Dynamic Epidemiological Landscape

Organised by Pfizer

Chairs : Carlos Robalo Cordeiro (Coimbra, Portugal)

12:15	**Welcome and Opening Remarks on the Need for Vaccination and Risk of Pneumococcal Disease in Adults** Carlos Robalo Cordeiro (Coimbra, Portugal)	**5539**

12:27	**Adult Pneumococcal Vaccines with Focus on PCV13 and PCV20** Gili Regev-Yochay (Tel Aviv, Israel)	**5540**
12:45	**Improving Vaccine Uptake Among Adults with PCV20** Francesco Blasi (Milan, Italy)	**5541**
13:00	**Faculty Discussion and Q&A Session** Carlos Robalo Cordeiro (Coimbra, Portugal), Gili Regev-Yochay (Tel Aviv, Israel), Francesco Blasi (Milan, Italy)	**5542**
13:14	**Closing Remarks** Carlos Robalo Cordeiro (Coimbra, Portugal)	**5543**

5B Session 471 12:15 - 13:15

Industry Lunchtime Symposium: The Path Forward: Addressing the Unmet Challenges in Airway Diseases

Organised by Sanofi

Chairs : Naomi Stewart (York, United Kingdom)

12:15	**Opening Remarks** Klaus F. Rabe (Kiel, Germany)	**5544**
12:20	**Current Landscape: Respiratory Care Guidelines and Disease Insights** Klaus F. Rabe (Kiel, Germany)	**5545**
12:30	**Understanding the Full Spectrum of Burden in Respiratory Diseases** Santiago Quirce (Madrid, Spain)	**5546**
12:45	**Panel Discussion: Innovation to Address Unmet Needs in Respiratory Diseases** All speakers	**5547**
12:55	**Looking Ahead to the Future of Airway Disease Management With Emerging Treatment Options** Tanya M. Laidlaw (Boston, United States)	**5548**
13:10	**Audience Q&A and Closing Remarks** Klaus F. Rabe (Kiel, Germany)	**5549**

5C Session 472 12:15 - 13:15

Industry Lunchtime Symposium: Chronic Cough Update

Organised by MSD

Chairs : Jan Willem K. van den Berg (Zwolle, Netherlands)

12:15	**Opening and key learnings from the Isala Cough Clinic Study** Jan Willem K. van den Berg (Zwolle, Netherlands)	**5550**
12:30	**A diagnostic approach in Chronic Cough: Learnings from a systematic framework** Ole Hilberg (Vejle, Denmark)	**5551**
12:40	**Gefapixant for the treatment of Refractory or Unexplained Chronic Cough (RCC)** Christian Domingo Ribas (Sabadell (Barcelona), Spain)	**5552**
12:50	**Building on ERS guidelines: Time to change the way we approach Chronic Cough** Laurent Guilleminault (Toulouse Cedex, France)	**5553**
13:05	**Q&A and panel discussion** All speakers	**5554**

5D Session 473 12:15 - 13:15

Industry Lunchtime Symposium: From inflammation to exacerbation in COPD: Can targeted therapies keep your patients out of hospital?

Organised by GSK

Chairs : Monica Kraft (New York, United States), Alberto Papi (Cona, Ferrara, Italy)

12:15	**Welcome and introduction** Monica Kraft (New York, United States)	**5555**
12:20	**Beyond the bed: The heavy burden of hospitalisations on patients and society** Frits M.E. Franssen (Maastricht, Netherlands)	**5556**
12:30	**Beyond eosinophils: The role of type 2 inflammation in driving disease deterioration** Monica Kraft (New York, United States)	**5557**
12:40	**Beyond the standard: Exploring emerging data from targeted therapies** Alberto Papi (Cona, Ferrara, Italy)	**5558**
12:55	**Panel discussion and audience Q&A** Monica Kraft (New York, United States), Alberto Papi (Cona, Ferrara, Italy), Frits M.E. Franssen (Maastricht, Netherlands)	**5559**
13:05	**Closing remarks** Alberto Papi (Cona, Ferrara, Italy)	**5560**

3A Session 517 12:45 - 13:45

Industry Lunchtime Symposium: Charting the Course for Personalised Pulmonary Arterial Hypertension Care

Organised by Johnson & Johnson

Chairs : Sean Gaine (Dublin, Ireland)

12:45	**Introduction** Sean Gaine (Dublin, Ireland)	**6365**
12:50	**State of the Seas: What Kind of PAH Patients Are We Looking at Today?** Luke Howard (London, United Kingdom)	**6366**
13:00	**Early Horizons: Is It Critical to Treat Early?** Alessandra Manes (Bologna (BO), Italy)	**6367**
13:10	**On the Case! Navigating Care Pathways Today** All speakers	**6368**
13:35	**Concluding Remarks and Audience Q&A** Sean Gaine (Dublin, Ireland)	**6369**

3B Session 518 12:45 - 13:45

Industry Lunchtime Symposium: Patients and pollution: The science and best practices for care providers' advice

Organised by Haleon

Chairs : Christopher Carlsten (Vancouver (BC), Canada)

12:45	**Welcome and introduction** Mauro Cavinato (Lausanne, Switzerland), Christopher Carlsten (Vancouver (BC), Canada)	**6370**
12:47	**Is advice on air pollution a clinical priority?** Christopher Carlsten (Vancouver (BC), Canada)	**6371**
12:55	**Desgining a global study: HCPs, air pollution and patient care** Gary Wong (Shatin, Hong Kong)	**6372**
13:05	**HCPs' perspectives on air pollution and the impact on respiratory health** Sundeep Santosh Salvi (Pune (Maharashtra), India)	**6373**
13:20	**Integrating air pollution advice into patient care** Kian Fan Chung (London, United Kingdom)	**6374**
13:30	**Audience live Q&A and close** All speakers	**6375**

Amtrium — Session 519 — 12:45 - 13:45

Industry Lunchtime Symposium: Best Practice Advances in Front-Line Management to Optimize Clinical Outcomes In Nontuberculous Mycobacterial (NTM) Lung Disease (LD)

Organised by Insmed

Chairs : Christoph Lange (Borstel, Germany)

12:45	**The Mandate for Individualized Care in Persons with NTM Lung Disease and Limited Options: Applying Risk and Severity-Directed Treatment Based on Time to Positivity (TTP), Radiographic Metrics, and Refractory Disease** Christoph Lange (Borstel, Germany)	**6376**
12:55	**Antimicrobial Decision-Making in MAC Lung Disease: Optimizing Treatment Outcomes and Microbial Conversion Based on Time to Culture Positivity (TTP), Systematic Microbiological Testing, and Radiologic/Bronchiectasis Severity Scores** Stefano Aliberti (Milano (MI), Italy)	**6377**
13:10	**Translating Results of New MAC Lung-Focused Trials Evaluating Quality-of-Life (QoL-Bronchiectasis) Improvements, TTP, and Microbial Conversion Metrics to Optimize Antimicrobial Drug Selection** David E. Griffith (Denver, United States)	**6378**
13:25	**Applying New Trial-Based Evidence, Guidelines, and Individualized Approaches to Real World Management for MAC Lung Disease** Christoph Lange (Borstel, Germany)	**6379**

E102 — Session 529 — 14:00 - 14:45

Industry Skills Lab Workshop: Optimizing mechanical In-Exsufflation therapy: New tools to support clinicians and patients

Organised by Air Liquide Medical Systems

Chairs : Roberto Martinez Alejos (Montpellier, France), Mathieu Delorme (Talence, France)

14:00	**Interpreting Waveforms in Mechanical In-Exsufflation (MI-E) therapy** Tiina Andersen (Bergen, Norway)	**6418**
14:18	**Evaluation of mechanical In-Exsufflation (MI-E) Therapy: exploring key parameters** Yann Combret (Rouen, France)	**6419**

E103/104 — Session 530 — 14:00 - 14:45

Industry Skills Lab Workshop: The Future of CPAP Monitoring: What Needs to Change Today?

Organised by BMC Medical Co.Ltd.

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