



ERS CONGRESS | 2025

27 September - 1 October | Amsterdam, Netherlands

PROGRAMME



G104/105

Session

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)

TUS Part 3 - OSCE: Round 1

08:15 Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India)

TUS Part 3 - OSCE: Round 2

09:20 Christian Borbjerg Laursen (Odense M, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Dinesh Addala (Oxford, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom)

TUS Part 3 - OSCE: Round 3

10:25 Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India), Speaker to be confirmed

TUS Part 3 - OSCE: Round 4

11:30 Najib M. Rahman (Oxford, United Kingdom), Eihab Bedawi (Sheffield, United Kingdom), Radhika Banka (Mumbai (Maharashtra), India), Dinesh Addala (Oxford, United Kingdom)

TUS Part 3 - OSCE: Round 5

12:35 Laurence M.M.J. Crombag (Amsterdam, Netherlands), Eihab Bedawi (Sheffield, United Kingdom), Nick Maskell (Bristol (Avon), United Kingdom), Speaker to be confirmed

TUS Part 3 - OSCE: Round 6

13:40 Laurence M.M.J. Crombag (Amsterdam, Netherlands), Jesper Rømhild Davidsen (Odense C, Denmark), Nick Maskell (Bristol (Avon), United Kingdom), Speaker to be confirmed

TUS Part 3 - OSCE: Round 7

14:45 Pia Iben Pietersen (Odense C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)

TUS Part 3 - OSCE: Round 8

15:50 Rahul Bhatnagar (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom), Jesper Rømhild Davidsen (Odense C, Denmark), Pia Iben Pietersen (Odense C, Denmark)

TUS Part 3 - OSCE: Round 9

16:55 Rahul Bhatnagar (Bristol, United Kingdom), Pia Iben Pietersen (Odense C, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark), Casper Falster (Odense, Denmark)

TUS Part 3 - OSCE: Round 10

18:00 Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom), Casper Falster (Odense, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark)

E103/104

Session

08:30 - 13:30

Academy: Academy of paediatric respiratory medicine

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

Endoscopy

08:30 Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy)

Lung function tests

09:15 Nicolas Regamey (Lucerne, Switzerland), Annelies M. Zwitserloot (Groningen, Netherlands)

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

Elicium 1 Session 09:00 - 17:40

Postgraduate course: PGI 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)

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| 09:00 | Welcome and introduction Speaker to be confirmed |
| 09:10 | Focused cardiac ultrasound Casper Falster (Odense, Denmark) |
| 09:30 | Case: Focused cardiac ultrasound Casper Falster (Odense, Denmark) |
| 09:40 | Limited compression ultrasonography of the deep veins for deep vein thrombosis assessment |
| 10:00 | Case: Limited compression ultrasonography |
| 10:10 | Ultrasound assessment of the diaphragm Søren Helbo Skaarup (Aarhus C, Denmark) |
| 10:30 | Case: Ultrasound assessment of the diaphragm Søren Helbo Skaarup (Aarhus C, Denmark) |
| 10:40 | Discussion and Q&A Speaker to be confirmed |
| 10:50 | Coffee break Speaker to be confirmed |
| 11:20 | Use of thoracic ultrasound in an intensive care unit Silvia Mongodi (Pavia, Italy) |
| 11:40 | Case: Use of thoracic ultrasound in an intensive care unit Silvia Mongodi (Pavia, Italy) |
| 11:50 | Use of thoracic ultrasound in an interstitial lung disease clinic Jesper Rømhild Davidsen (Odense C, Denmark) |
| 12:10 | Case: Use of thoracic ultrasound in an interstitial lung disease clinic Jesper Rømhild Davidsen (Odense C, Denmark) |
| 12:20 | Use of evidence-based training principles in thoracic ultrasound in a department |
| 12:40 | Case: Use of evidence-based training principles in thoracic ultrasound in a department Pia Iben Pietersen (Odense C, Denmark) |
| 12:50 | Discussion and Q&A Speaker to be confirmed |
| 13:00 | Lunch break Speaker to be confirmed |

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| 14:00 | Advanced thoracic ultrasound for assessment of patients with pleural disease Eihab Bedawi (Sheffield, United Kingdom) |
| 14:20 | Case: Advanced thoracic ultrasound for assessment of patients with pleural disease Eihab Bedawi (Sheffield, United Kingdom) |
| 14:30 | Advanced thoracic ultrasound for assessment of patients with chest opacity Christian Borbjerg Laursen (Odense M, Denmark) |
| 14:50 | Case: Advanced thoracic ultrasound for assessment of patients with chest opacity Christian Borbjerg Laursen (Odense M, Denmark) |
| 15:00 | Discussion and Q&A Speaker to be confirmed |
| 15:10 | Ultrasound-guided biopsy of the pleura Dinesh Addala (Oxford, United Kingdom) |
| 15:30 | Case: Ultrasound-guided biopsy of the pleura Dinesh Addala (Oxford, United Kingdom) |
| 15:40 | Ultrasound-guided biopsy of lymph nodes Anand Sundaralingam (Oxford, United Kingdom) |
| 16:00 | Case: Ultrasound-guided biopsy of lymph nodes Anand Sundaralingam (Oxford, United Kingdom) |
| 16:10 | Break Speaker to be confirmed |
| 16:30 | Ultrasound-guided biopsy of the lung Rachelle Asciak (SIGGIEWI, Malta) |
| 16:50 | Case: Ultrasound-guided biopsy of the lung Rachelle Asciak (SIGGIEWI, Malta) |
| 17:00 | Thoracic ultrasound for advanced procedure guidance Wui Mei Chew (Singapore, Singapore) |
| 17:20 | Case: Thoracic ultrasound for advanced procedure guidance Wui Mei Chew (Singapore, Singapore) |
| 17:30 | Discussion and Q&A Speaker to be confirmed |

3A Session 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)

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| 09:00 | Welcome and overview of the day Thomas Gille (Bobigny, France) |
| 09:15 | Ice-breaker Thomas Gille (Bobigny, France) |
| 09:30 | Presentation skills lecture Dorina Esendagli (Ankara, Turkey) |
| 10:00 | Presentation skills breakout (oral presentations: beginners) Mathieu Marillier (Echirolles, France), Heleen Demeyer (Leuven, Belgium) |
| 10:00 | Presentation skills breakout (oral presentations: some experience) Marjolein A. Heuvelmans (Amsterdam, Netherlands), Matteo SICILIANO (ROMA, Italy) |
| 10:00 | Presentation skills breakout (oral presentations: experienced) Laura Fabbri (London, United Kingdom), Speaker to be confirmed |

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| 10:00 | Presentation skills breakout (oral presentations: posters) Christoph Fisser (Regensburg, Germany) |
| 11:30 | Coffee break Speaker to be confirmed |
| 12:00 | Complimentary skills to achieve success - round table discussions Augusta Beech (Manchester, United Kingdom) |
| 13:00 | Mentoring lunch (with ERS Leadership) Speaker to be confirmed |
| 14:15 | Moderating lecture Chiara Premuda (Palermo, Italy) |
| 14:30 | Moderating role-play session Christoph Fisser (Regensburg, Germany), Susanne Vijverberg (Amsterdam, Netherlands), Amanda Dandanell Juul (Odense S, Denmark) |
| 15:15 | Coffee break Speaker to be confirmed |
| 15:45 | Keynote: Manuscript writing and publishing Heleen Demeyer (Leuven, Belgium), Matteo SICILIANO (ROMA, Italy), Speaker to be confirmed |
| 16:15 | Manuscript writing and publishing - Q&A discussion Heleen Demeyer (Leuven, Belgium), Matteo SICILIANO (ROMA, Italy), Speaker to be confirmed |
| 16:45 | Feedback and key take-home messages Thomas Gille (Bobigny, France) |

E102 Session 09:00 - 17:15

Academy: Academy of adult respiratory medicine

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| 09:00 | Introduction to workshops Sophia E. Schiza (Heraklion, Greece), Stylianos Loukides (Athens, Greece), Gabor Kovacs (Graz, Austria) |
| 09:15 | Sleep-related disorders Dries Testelmans (Leuven, Belgium), Elisa Perger (Milano, Italy), Marieke L. Duiverman (Groningen, Netherlands) |
| 10:15 | Coffee break Speaker to be confirmed |
| 10:45 | Respiratory infections Speaker to be confirmed |
| 11:45 | Pulmonary circulation Gabor Kovacs (Graz, Austria), Mona Lichtblau (Zürich, Switzerland) |
| 12:45 | Lunch break Speaker to be confirmed |
| 13:45 | Pulmonary function testing Frans H.C. De Jongh (Enschede, Netherlands), Monika Franczuk (Warsaw, Poland) |
| 14:45 | Lung imaging Ádám Domonkos Tárnoki (Budapest, Hungary), Anna Kerpel-Fronius (Budapest, Hungary) |
| 15:45 | Coffee break Speaker to be confirmed |
| 16:15 | Thoracic oncology Maria Joana Pereira Catarata (Porto, Portugal), Wouter H. van Geffen (Leeuwarden, Netherlands) |

5D Session 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 Vaghegini (Volterra (PI), Italy)

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| 09:30 | Effective performance of spirometry in adult and paediatric patients Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom) |
| 09:50 | Discussion and Q&A Speaker to be confirmed |
| 10:00 | Case discussion: effective performance of spirometry in adult and paediatric patients Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom) |
| 10:15 | Bronchoprovocation tests: effects on airway physiology testing Zuzana Diamant MD (Groningen, Netherlands) |
| 10:35 | Discussion and Q&A Speaker to be confirmed |
| 10:45 | Discussion: bronchoprovocation tests Zuzana Diamant MD (Groningen, Netherlands) |
| 11:00 | Break Speaker to be confirmed |
| 11:30 | Understanding oscillometry: from theory to practice Robab Breyer-Kohansal (Wien, Austria) |
| 11:50 | Case discussion: understanding oscillometry Speaker to be confirmed |
| 12:00 | Case discussion: Understanding oscillometry Robab Breyer-Kohansal (Wien, Austria) |
| 12:15 | Systematic approach to ABG interpretation Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands) |
| 12:35 | Case discussion: a systematic approach to ABG interpretation Speaker to be confirmed |
| 12:45 | Case discussion: a systematic approach to ABG interpretation Joost Gerard van den Aardweg (Amsterdam (NH), Netherlands) |

5C Session 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)

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| 09:30 | Introduction Speaker to be confirmed |
| 09:35 | The patient's journey (pre-recorded) |
| 09:40 | HRCT and new imaging modalities in the evaluation of CTD-ILDs and HP Helmut Prosch (Wien, Austria) |
| 10:00 | Discussion and Q&A Speaker to be confirmed |
| 10:10 | Surgical lung biopsy versus cryobiopsy in CTD-ILDs and HP: when and which procedure is preferable? Lauren Troy (Camperdown (NSW), Australia) |
| 10:30 | Discussion and Q&A Speaker to be confirmed |
| 10:40 | CTD-ILDs: immunomodulation, antifibrotics or both? Catharina C. Moor (Rotterdam, Netherlands) |
| 11:00 | Discussion and Q&A Speaker to be confirmed |
| 11:10 | Break Speaker to be confirmed |
| 11:30 | HP: immunomodulation, antifibrotics or both? GEORGE MARGARITOPOULOS (THESSALONIKI, Greece) |
| 11:50 | Discussion and Q&A Speaker to be confirmed |
| 12:00 | 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) |
| 12:15 | Acute deterioration of diffuse interstitial lung diseases of known cause: which patients should be listed for lung transplantation? Federica Meloni (Pavia (PV), Italy) |
| 12:30 | Round table discussion: acute deterioration of diffuse interstitial lung diseases of known cause Speaker to be confirmed |

5B Session 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)

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| 09:30 | Asthma immunopathology and its clinical presentation Anneke ten Brinke (Leeuwarden, Netherlands) |
| 09:50 | Discussion and Q&A Speaker to be confirmed |

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| 10:00 | Assessing patients with asthma is an art based on facts and knowledge of the disease and our patients Matteo Bonini (Rome, Italy) |
| 10:20 | Discussion and Q&A Speaker to be confirmed |
| 10:30 | Asthma pharmacotherapy starts with the right inhalations/inhalers and progresses accordingly Omar S. Usmani (London, United Kingdom) |
| 10:50 | Discussion and Q&A Speaker to be confirmed |
| 11:00 | Break Speaker to be confirmed |
| 11:30 | Assessing severe asthma and choosing the right biologic therapy Arnaud Bourdin (Montpellier Cedex 5, France) |
| 11:50 | Discussion and Q&A Speaker to be confirmed |
| 12:00 | Group assignment Speaker to be confirmed |

Amtrium Session 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)

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| 09:30 | Non-invasive respiratory support for acute hypoxemic respiratory failure |
| 09:50 | Discussion and Q&A Speaker to be confirmed |
| 10:00 | Non-invasive respiratory support for acute hypercapnic respiratory failure Maria Laura Vega (Bologna, Italy) |
| 10:20 | Discussion and Q&A Speaker to be confirmed |
| 10:30 | Strategies for enhancing non-invasive respiratory support in neuromuscular disease Tiina Andersen (Bergen, Norway) |
| 10:50 | Discussion and Q&A Speaker to be confirmed |
| 11:00 | Break Speaker to be confirmed |
| 11:30 | Ventilator-integrated polygraphy to titrate home mechanical ventilation : the new kid on the block? Jesus Gonzalez (Montlignon, France) |
| 11:50 | Discussion and Q&A Speaker to be confirmed |
| 12:00 | Group assignment Speaker to be confirmed |

3B Session 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)

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| 09:30 | Getting off the ground: latest in PE risk stratification David Jiménez Castro (Madrid, Spain) |
| 09:45 | Discussion and Q&A Speaker to be confirmed |
| 09:50 | Guidelines and latest clinical trials in PE Luis Jara-Palomares (Sevilla, Spain) |
| 10:05 | Discussion and Q&A Speaker to be confirmed |
| 10:10 | Process and challenges associated with starting a PERT program (mock PERT call) Parth Rali (Philadelphia, United States) |
| 10:25 | Discussion and Q&A Speaker to be confirmed |
| 10:30 | Break Speaker to be confirmed |
| 11:00 | Case-based discussion breakouts Speaker to be confirmed |
| 11:00 | Group 1: sound waves of clarity: the transthoracic echocardiography views of significance Olivier Sanchez (Paris, France) |
| 11:00 | Group 2: case of intermediate-risk PE |
| 11:00 | Group 3: case of intermediate-risk PE with a clot in transit David Jiménez Castro (Madrid, Spain) |
| 11:00 | Group 4: selecting an interventional device: one side doesn't fit all Parth Rali (Philadelphia, United States) |
| 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) |
| 11:00 | Group 6: post-PE dyspnoea |
| 11:00 | Group 7: post-PE follow-up and surveillance Speaker to be confirmed |
| 11:00 | Group 8: Q&A on how to operationalise PERT at your institution Belinda Rivera-Lebron (Pittsburgh, United States) |

7A Session 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

09:45 A community-based approach to managing chronic obstructive pulmonary disease in a low- or middle-income country
Tara Ballav Adhikari (Kathmandu, Nepal)

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)

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)

10:30 Discussion and Q&A
Speaker to be confirmed

G106/107 Session 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
Speaker to be confirmed

10:50 Physical activity assessment and intervention
Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)

10:50 Neuromuscular electrical stimulation: in whom and how?
Roy Meys (Heerlen, Netherlands)

10:50 How to improve balance and reduce falls in people undergoing pulmonary rehabilitation
Lotte Janssens (Diepenbeek, Belgium)

10:50 Implementing mindfulness interventions into pulmonary rehabilitation
Alice Malpass (Bristol, United Kingdom)

Elicium 2 Session 11:15 - 12:45

Language session: French programme 2025
A joint ERS/SPLF session

Tag(s) : Clinical**Target audience :** Adult pulmonologist/Clinician, Paediatrician**Chairs :** Claire Andrejak (Amiens, France), François-Xavier Blanc (Nantes Cedex 1, France)

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| 11:15 | Bronchial cancer and pollution Alexis Cortot (Lille, France) |
| 11:30 | Recent therapeutic trials in pulmonary fibrosis Vincent Cottin (Lyon, France) |
| 11:45 | Therapeutic news in pulmonary arterial hypertension: impact on the management algorithm Athénaïs Boucly (Paris, France) |
| 12:00 | Short-course treatment of tuberculosis in children Blandine Prévost (Paris, France) |
| 12:15 | Discussion and Q&A Speaker to be confirmed |

7A Session 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)

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| 11:15 | Strategies for family physicians to mitigate air pollution and manage chronic respiratory conditions Ee Ming Khoo (Kuala Lumpur, Malaysia) |
| 11:30 | Vaccination hesitancy: major issues in daily practice Speaker to be confirmed |
| 11:45 | Antibiotic resistance and climate change Speaker to be confirmed |
| 12:00 | Patients' beliefs and the impact on health and the environment María Mar Martínez Vázquez (Bilbao (Bizkaia), Spain) |
| 12:15 | Discussion and Q&A Speaker to be confirmed |

5D Session 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)

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| 14:00 | What is CPET and what role does it play in a respiratory service? Michele Schaeffer (Vancouver, Canada) |
| 14:30 | Discussion and Q&A Speaker to be confirmed |
| 14:40 | How do you interpret a cardiopulmonary exercise test? Hayley Lewthwaite (Merewether, Australia) |
| 15:10 | Discussion and Q&A Speaker to be confirmed |
| 15:20 | How do you focus on the respiratory aspects of a cardiopulmonary case? Paolo Palange (Rome, Italy) |
| 15:50 | Discussion and Q&A Speaker to be confirmed |
| 16:00 | Break Speaker to be confirmed |
| 16:30 | Case presentations in cardiopulmonary exercise test interpretation Pierantonio Laveneziana (Paris, France), J. Alberto Neder (Kingston (ON), Canada) |

5C Session 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)

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| 14:00 | The patient's perspective on diagnosis and management of sarcoidosis (pre-recorded) Speaker to be confirmed |
| 14:05 | Practical aspects in diagnosis and treatment of pulmonary sarcoidosis Florence Jeny (bobigny, France) |
| 14:25 | Discussion and Q&A Speaker to be confirmed |
| 14:35 | Diagnosis and management of cardiac sarcoidosis: state of the (he)art Vasileios Kouranos (London, United Kingdom) |
| 14:55 | Discussion and Q&A Speaker to be confirmed |
| 15:05 | Holistic approach to management in sarcoidosis: airy-fairy or necessary? Marcel Veltkamp (De Meern, Netherlands) |
| 15:25 | Discussion and Q&A Speaker to be confirmed |

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| 15:35 | Break Speaker to be confirmed |
| 16:00 | Back to basics: understanding disease mechanisms as the backbone for emerging treatment options in sarcoidosis Antje Prasse (Hannover, Germany) |
| 16:20 | Discussion and Q&A Speaker to be confirmed |
| 16:30 | Group assignment: clinical case discussions |

3B Session 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)

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| 14:00 | Continuous positive airway pressure: implementation and follow-up strategies integrating new technologies Manuel Sanchez De La Torre (Toledo, Spain) |
| 14:20 | Discussion and Q&A Speaker to be confirmed |
| 14:30 | Patient selection, outcomes and current gaps for the implementation of non-continuous positive airway pressure treatments Athanasia Pataka (Thessaloniki, Greece) |
| 14:50 | Discussion and Q&A Speaker to be confirmed |
| 15:00 | Pharmaceutical therapies for OSA, weight loss and residual sleepiness Dries Testelmans (Leuven, Belgium) |
| 15:20 | Discussion and Q&A Speaker to be confirmed |
| 15:30 | Break Speaker to be confirmed |
| 16:00 | Successful therapy and important outcomes in OSA: the patient's (pre-recorded) and physician's perspectives Stefania Redolfi (Cagliari, Italy), Speaker to be confirmed |
| 16:20 | Discussion and Q&A Speaker to be confirmed |
| 16:30 | Group assignment Speaker to be confirmed |

E103/104 Session 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)

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| 14:00 | Introduction Speaker to be confirmed |
| 14:05 | Using high-dimensional mass cytometry to uncover emphysema-associated immune changes Padmini P. S. J. Khedoe (Den Haag, Netherlands) |
| 14:25 | Discussion and Q&A Speaker to be confirmed |
| 14:35 | Understanding the role of macrophages in tissue building, injury and infection Speaker to be confirmed |
| 14:55 | Discussion and Q&A Speaker to be confirmed |
| 15:05 | Round table discussions: experience sharing Speaker to be confirmed |
| 15:30 | Break Speaker to be confirmed |
| 16:00 | Using big data to study immune-epithelial cell interactions Marko Nikolic (Cambridge (Cambridgeshire), United Kingdom) |
| 16:20 | Discussion and Q&A Speaker to be confirmed |
| 16:30 | Taking epithelial-immune interactions from bench to bedside Ali Oender Yildirim (Neuherberg, Germany) |
| 16:50 | Discussion and Q&A Speaker to be confirmed |
| 17:00 | Group assignment: discussion with multiple-choice questions Speaker to be confirmed |

5B Session 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)

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| 14:00 | Underlying inflammation in COPD: a complex puzzle we need to understand Daiana Stolz (Freiburg, Germany) |
| 14:20 | Discussion and Q&A Speaker to be confirmed |
| 14:30 | Identifying, following and addressing stable and exacerbation-prone COPD Alexander Mathioudakis (Manchester, United Kingdom) |

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| 14:50 | Discussion and Q&A Speaker to be confirmed |
| 15:00 | Novel therapies for COPD. Targeting inflammation in the new era: how and when? Dave Singh (Manchester, United Kingdom) |
| 15:20 | Discussion and Q&A Speaker to be confirmed |
| 15:30 | Break Speaker to be confirmed |
| 16:00 | Improving the lives of patients with COPD. Targeting lung function and nutrition: rehabilitation Frits M.E. Franssen (Maastricht, Netherlands) |
| 16:20 | Discussion and Q&A Speaker to be confirmed |
| 16:30 | Group assignment Speaker to be confirmed |

Amtrium Session 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)

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| 14:00 | Non-invasive methods in respiratory infections James D. Chalmers (Dundee (Angus), United Kingdom) |
| 14:20 | Discussion and Q&A Speaker to be confirmed |
| 14:30 | The role of corticosteroids in severe respiratory infections Speaker to be confirmed |
| 14:50 | Discussion and Q&A Speaker to be confirmed |
| 15:00 | Specificities of severe respiratory infections in immunocompromised patients Guang-Shing Cheng (Seattle, United States) |
| 15:20 | Discussion and Q&A Speaker to be confirmed |
| 15:30 | Break Speaker to be confirmed |
| 16:00 | Invasive aspergillosis in patients with severe viral pneumonia (IAPA and CAPA) Speaker to be confirmed |
| 16:20 | Discussion and Q&A Speaker to be confirmed |

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| 16:30 | Case-based discussions Speaker to be confirmed |
| 17:00 | Multiple-choice questions Speaker to be confirmed |
| 17:10 | Discussion of controversial statements Speaker to be confirmed |
| 17:20 | Experience sharing and best practices Speaker to be confirmed |

Elicium 2 Session 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)

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| 14:00 | Phenotyping exacerbations in asthma and chronic obstructive pulmonary disease Carlos José Cordeiro Lopes (Lisboa, Portugal) |
| 14:15 | New developments in bronchiectasis Eva Polverino (Barcelona, Spain) |
| 14:30 | Infections in diffuse interstitial lung disease Lorena Itzel Noriega Aguirre (Ciudad de Panamá, Panama) |
| 14:45 | Vaccination in chronic respiratory patients Rosemeri Maurici Da Silva (Florianópolis (SC), Brazil) |
| 15:00 | Discussion and Q&A Speaker to be confirmed |

7A Session 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)

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| 14:00 | Congenital airway malformations: rational imaging Speaker to be confirmed |
| 14:15 | Congenital airway malformations: prognosis and pulmonary monitoring Christophe Delacourt (Paris, France) |
| 14:30 | Management of lung disease in children after oesophageal atresia repair Anastassios Koumbourlis (Washington, United States) |

14:45 Discussion and Q&A
Speaker to be confirmed

G106/107 Session 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
Speaker to be confirmed

14:40 Physical activity assessment and intervention
Fabio De Oliveira Pitta (Londrina, Brazil), Joana Cruz (Leiria, Portugal)

14:40 Neuromuscular electrical stimulation: in whom and how?
Lorna Latimer (Leicester, United Kingdom)

14:40 How to improve balance and reduce falls in people undergoing pulmonary rehabilitation
Samantha Harrison (Middlesbrough (Stockton-on-Tees), United Kingdom)

14:40 Implementing mindfulness interventions into pulmonary rehabilitation
Eleonora Volpato (Milano (MI), Italy)

7A Session 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)

15:30 Severe lung infections with potentially life-threatening consequences in children
Stefan Unger (Edinburgh (Edinburgh), United Kingdom)

15:45 Antibiotic therapies in chronic paediatric lung diseases: evidence and impact
Valerie Waters (Toronto (ON), Canada)

16:00 Discussion and Q&A
Speaker to be confirmed

7A Session 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)

16:45 Vaping: the new pandemic. What can healthcare professionals do to stop it?
Sophie Cohen (Amsterdam, Netherlands)

17:00 Prevention of obesity-related respiratory disease
Stijn Verhulst (Antwerpen, Belgium)

17:15 Discussion and Q&A
Speaker to be confirmed

G104/105 Session 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**
Paolo Onorati (Alghero (SS), Italy)

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

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

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

7A Session 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 Königssee, Germany)

08:30 **Mechanisms underlying long COVID: towards a personalised medicine approach for clinical care and trials**
Rachael A. Evans (Leicester (Leicestershire), United Kingdom)

08:45 **Post-COVID lung disease: prevalence, treatment and prognosis in 2025**
Claudia Valenzuela (Madrid, Spain)

09:00 **Rehabilitation for long COVID and post-COVID interstitial lung disease: what do we know in 2025?**
Tessa Schneeberger (Schönau am Königssee, Germany)

09:15 **World Health Organization Europe: perspective on long COVID 5 years on**
Joan B Soriano (Madrid, Spain)

09:30 **Discussion and Q&A**
Speaker to be confirmed

5A Session 08:30 - 10:00

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

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)

08:30 When should antimicrobial therapy be started in NTM pulmonary disease? Different perspectives
Heinke Kunst (London, United Kingdom)

08:45 The critical role of the host in NTM disease susceptibility and management
Speaker to be confirmed

09:00 Biomarkers for monitoring disease activity and treatment response
Jea-Joon Yim (Seoul, Republic of Korea)

09:15 Antimicrobial therapy for NTM lung disease: how long is long enough?
Raquel Duarte (Porto, Portugal)

09:30 Discussion and Q&A
Speaker to be confirmed

5D Session 08:30 - 10:00

Symposium: Importance of the exposome in prevention and treatment of chronic lung diseases The EXPLAIN inter-assembly collaboration project

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.

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)

08:30 Shaping the global exposome landscape from an epidemiological point of view
Speaker to be confirmed

08:45 Exposome involvement in early onset of chronic lung diseases
Erol Gaillard (Leicester, United Kingdom)

09:00 Mapping and modifying the exposome to prevent chronic lung diseases from a global perspective
Hsiao-Chi Chuang (Taipei, Taiwan)

09:15 The role of the exposome in development and treatment of interstitial lung diseases
Nikoleta Bizymi (Drafi, Rafina-Pikermi, Attiki, Greece)

09:30 Discussion and Q&A
Speaker to be confirmed

5B Session 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.

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

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| 08:30 | Diagnosis of PH associated with lung diseases: which patients should undergo right heart catheterisation? 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 Oksana Shlobin (Falls Church, United States) |
| 09:00 | Novel possible treatment approaches for PH associated with lung diseases: a molecular perspective Martin Kolb (Hamilton (ON), Canada) |
| 09:15 | Lung phenotype in pulmonary arterial hypertension Marius M. Hoeper (Hannover, Germany) |
| 09:30 | Discussion and Q&A Speaker to be confirmed |

G106/107 Session 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

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| 09:00 | Different levels of sleep studies Ding Zou (Gothenburg, Sweden) |
| 09:00 | Interpretation of poly(somno)graphy in adults Renata L. Riha (Edinburgh (Edinburgh), United Kingdom) |
| 09:00 | Interpretation of polysomnography/polygraphy in children Athanasios G. Kaditis (Athens, Greece) |
| 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) |

5B Session 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 (Pavia (PV), Italy), Dorina Esendagli (Ankara, Turkey), Joanna Chorostowska-Wynimko (Warsaw, Poland)

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| 10:15 | Mesothelioma phenotyping and outcome prediction Speaker to be confirmed |
| 10:30 | Modern radiology and the diagnosis of malignant pleural disease Selina Tsim (Glasgow (Glasgow), United Kingdom) |
| 10:45 | Circulating tumour DNA and pleural malignancy diagnosis: ready for the bigtime? Speaker to be confirmed |

11:00 Image-guided biopsies, thoracoscopy and the negative biopsy: how should we proceed?
Anand Sundaralingam (Oxford, United Kingdom)

11:15 Discussion and Q&A
Speaker to be confirmed

Auditorium Session 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
Marion Delcroix (Leuven, Belgium)

10:37 Case 2 incl. panel discussion and Q&A
Gabor Kovacs (Graz, Austria)

10:59 Case 3 incl. panel discussion and Q&A
Marion Delcroix (Leuven, Belgium)

11:21 Case 4 incl. panel discussion and Q&A
Gabor Kovacs (Graz, Austria)

5C Session 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)

10:15 Understanding the alveolar host response in acute respiratory distress syndrome and pneumonia
Speaker to be confirmed

10:30 Bacterial superinfections in viral pneumonia
Ignacio Martin-Loeches (Dublin, Ireland)

10:45 Fungal infections in non-resolving acute respiratory distress syndrome
Simon Feys (Leuven, Belgium)

11:00 Discussion and Q&A
Speaker to be confirmed

5D Session 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)

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| 10:15 | Preterm birth, bronchopulmonary dysplasia and development of lung function: a road to COPD? Speaker to be confirmed |
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| 10:30 | Early identification of airway diseases: results from the Undiagnosed COPD and Asthma Population (UCAP) trial and beyond Shawn Aaron (Ottawa (ON), Canada) |
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| 10:45 | Clinical prognosis for young tobacco smokers: results from the Copenhagen City Heart Study Yunus Çolak (Espergærde, Denmark) |
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| 11:00 | Discussion and Q&A Speaker to be confirmed |
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| G104/105 | Session | 10:40 - 13:00 |
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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)

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| 10:40 | Assessing breathlessness Michele Schaeffer (Vancouver, Canada) |
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| 10:40 | Laryngoscopy during exercise: live demonstration James H. Hull (London, United Kingdom), Hayley Lewthwaite (Merewether, Australia) |
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| 10:40 | Ventilatory efficiency and gas exchange J. Alberto Neder (Kingston (ON), Canada) |
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| 10:40 | Dynamic hyperinflation and other respiratory measurements: live demonstration Pierantonio Laveneziana (Paris, France), Afroditi Boutou (Thessaloniki, Greece) |
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| Forum | Session | 12:45 - 13:45 |
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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)

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| 12:45 | Initial assessment of bronchiectasis Josje Altenburg (Amsterdam (NH), Netherlands) |
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| 13:00 | Treating bronchiectasis in a stable state Michael Loebinger (London, United Kingdom) |
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13:15 **Treating exacerbations of bronchiectasis**
Raja Dhar (Kolkata (West Bengal), India)

13:30 **Discussion and Q&A**
Speaker to be confirmed

5A Session 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 (Amsterdam, 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)

14:00 **New requirements in staging and restaging of mediastinum and lung cancer introduced by guided radiotherapy and neoadjuvant chemoimmunotherapy**
Ales Rozman (Golnik, Slovenia)

14:15 **Role of imaging in assessment of treatment responses and complications in patients undergoing new lung cancer therapies**
Speaker to be confirmed

14:30 **Obstacles, limitations and challenges in lung cancer diagnosis and management in low-to-middle-income countries: differences and similarities**
Speaker to be confirmed

14:45 **Discussion and Q&A**
Speaker to be confirmed

5C Session 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), Ane Johannessen (Bergen, Norway), Chair to be confirmed

13:45 **Airway and psychological effects of inhalation injuries in victims and responders**
Christopher Carlsten (Vancouver (BC), Canada)

14:00 **Climate change, wildfires and respiratory health: population-level perspectives**
Fay Johnston (Hobart, Australia)

14:15 **Toxic inhalation injuries: clinical experience in Turkey**
Metin Akgün (Erzurum, Turkey)

14:30 Hospital management of severe respiratory injuries in inhalational disasters
Raquel Duarte (Porto, Portugal)

14:45 Discussion and Q&A
Speaker to be confirmed

5D Session 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
Speaker to be confirmed

14:00 Regulation of alveolar epithelial and mesenchymal responses of macrophages upon lung tissue injury

14:15 Mechanosensing and abnormal epithelial damage and repair in respiratory disease
Jody Rosenblatt (London, United Kingdom)

14:30 Single-cell RNA sequencing to guide cell-based therapy

14:45 Discussion and Q&A
Speaker to be confirmed

Elicium 2 Session 13:45 - 15:15

State of the art session: Paediatric

Aims : to discuss important topics in paediatric respiratory medicine, 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

14:00 Phenotype-based treatment of prematurity-associated respiratory disease
Marielle Pijnenburg (Rotterdam, Netherlands)

14:15 Advanced paediatric interventional bronchoscopy with a focus on cryotherapy
Dirk Schramm (Düsseldorf, Germany)

14:30 Asthma biologics: which to use for which patient, when to switch and when to wean/stop?
Sejal Saglani (London, United Kingdom)

14:45 Discussion and Q&A
Speaker to be confirmed

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| G106/107 | Session | 14:00 - 17:30 |
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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)

14:00 **Interpretation of poly(somno)graphy in adults**
Carolina Lombardi (Milano (MI), Italy)

14:00 **Interpretation of polysomnography/polygraphy in children**
Refika Hamutcu Ersu (Ottawa, Canada)

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)

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| G104/105 | Session | 14:30 - 16:50 |
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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)

14:30 **Laryngoscopy during exercise: live demonstration**
Hege Clemm (Paradis, Norway), Hayley Lewthwaite (Merewether, Australia)

14:30 **Ventilatory efficiency and gas exchange**
Pierantonio Laveneziana (Paris, France)

14:30 **Dynamic hyperinflation and other respiratory measurements: live demonstration**
Paolo Palange (Rome, Italy), Michele Schaeffer (Vancouver, Canada)

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| 5D | Session | 15:30 - 17:00 |
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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)

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| 15:30 | Role of sex hormones in modifying immunometabolism, focusing on Th17- and interleukin-33-mediated airway inflammation Dawn Newcomb (Nashville, United States) |
| 15:45 | Mechanisms of sexual dimorphism in cystic fibrosis |
| 16:00 | Implications of sex differences for clinical phenotyping and treatment of asthma and chronic obstructive pulmonary disease Maarten van den Berge (Groningen, Netherlands) |
| 16:15 | STARSHIP: study of therapeutic trials of sex hormone supplementation in interstitial lung disease Speaker to be confirmed |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

7A Session 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)

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| 15:30 | Understanding the pathophysiology of CSA as the basis for treatment selection Winfried J. Randerath (Solingen, Germany) |
| 15:45 | New ERS statement on the treatment of CSA with adaptive servo-ventilation Esther Irene Schwarz (Zürich, Switzerland) |
| 16:00 | Managing treatment-emergent CSA: when and how? Raphael Heinzer (Lausanne, Switzerland) |
| 16:15 | New interventional studies in other forms of CSA Johan Verbraecken (Edegem (Antwerp), Belgium) |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

5A Session 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 (Amsterdam, Netherlands), Walter De Wever (Leuven, Belgium), Amanda Dandanell Juul (Odense S, Denmark)

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| 15:30 | Non-endoscopic ultrasound-guided thoracic intervention Maged Hassan (Alexandria, Egypt) |
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15:52 Computed tomography-guided thoracic intervention
Helmut Prosch (Wien, Austria)

16:14 Morphological and functional imaging of the diaphragm
Tana Bupe Mwewa (Brussels, Belgium)

16:36 Computed tomography-guided endoscopy
Erik H.F.M. van der Heijden (Nijmegen, Netherlands)

Elicium 2 Session 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
Angela Zacharasiewicz (Wien, Austria)

15:52 Case 2 incl. panel discussion and Q&A
Erol Gaillard (Leicester, United Kingdom)

16:14 Case 3 incl. panel discussion and Q&A
Angela Zacharasiewicz (Wien, Austria)

16:36 Case 4 incl. panel discussion and Q&A
Erol Gaillard (Leicester, United Kingdom)

5C Session 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), Ane Johannessen (Bergen, Norway), Chair to be confirmed

15:30 Silicosis and tuberculosis among small-scale miners
Patrick Howlett (LONDON, United Kingdom)

15:45 Reducing the respiratory effects of cotton dust exposure among textile workers
Asaad Ahmed Nafees (Karachi, Pakistan)

16:00 Work-related asthma in low- and middle-income countries
Mohamed Fareed Jeebhay (Cape Town, South Africa)

16:15 Discussion and Q&A
Speaker to be confirmed

G104/105

Session

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)**08:00 Standardised static lung volume measurement and airway resistance using whole-body plethysmography**
Aisling McGowan (Dublin 15, Ireland)**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)**08:00 Reporting and interpretation of case studies**
Gregory King (Sydney (NSW), Australia)

5C

Session

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 (Jaen, Spain)**08:30 Immune changes over the lifespan: challenges across the globe****08:45 From the uterus to lung disease: intergenerational triggers of premature lung inflammaging**
Miguel Angel Alejandre Alcázar (Cologne, Germany)**09:00 Ticking together: the epigenetic clock and lung ageing across the lifespan**
Morten Scheibye-Knudsen (Copenhagen, Denmark)**09:15 Turning back the clock: how to target ageing in the lung**
Mareike Lehmann (Marburg, Germany)**09:30 Discussion and Q&A**
Speaker to be confirmed

5A Session 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 (Leeuwarden, Netherlands), marcello migliore (Catania, Italy), Andriani Charpidou (Athens, Greece)

08:30 Enhanced patient access to lung cancer screening
Torsten Gerriet Blum (Berlin, Germany)

08:45 Biomarkers in lung cancer screening selection, risk stratification and prognosis
Joanna Domagała-Kulawik (Warszawa, Poland)

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)

09:15 Developing a lung cancer screening curriculum for healthcare professionals
Georgia Hardavella (Athens, Greece)

09:30 Discussion and Q&A
Speaker to be confirmed

Auditorium Session 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)

08:45 Emerging pharmacological therapies in interstitial lung diseases

09:00 Non-pharmacological strategies to impact quality of life in interstitial lung diseases
Sabina A. Guler (Bern, Switzerland)

09:15 What can we learn from fibrosis in other organ systems e.g., the kidney, liver and heart?
ARGYRIS TZOUVELEKIS (Patras, Greece)

09:30 Discussion and Q&A
Speaker to be confirmed

5D Session 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 Piciocchi (Forlì, Italy)

08:30 Clinical overview
Yurdagül Uzunhan (Bobigny, France)

08:45 Pulmonary lymphomas: a challenge for the radiologist
Speaker to be confirmed

09:00 Minimally invasive approach to lymphoproliferative disease: is cryobiopsy enough?
Venerino Poletti (Forlì, Italy)

09:15 Discussion and Q&A
Speaker to be confirmed

Elicium 2 Session 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)

10:30 Eosinophilic COPD: is it just asthma? Evidence from the clinic and trials
Johann Christian Virchow (Rostock, Germany)

10:45 Beyond eosinophils and T2: conventional culprits and targets in COPD biology
Hsiao-Chi Chuang (Taipei, Taiwan)

11:00 Current and future therapeutic targets in COPD: insights from clinical trials
Mona Bafadhel (London, United Kingdom)

11:15 Discussion and Q&A
Speaker to be confirmed

7A Session 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)**10:30 The best of the ERJ: interstitial lung disease**
Marlies S. Wijsenbeek (Rotterdam, Netherlands)**10:45 The best of the ERJ: paediatric pulmonology**
Claudia E. Kuehni (Bern, Switzerland)**11:00 The best of the ERJ: airway diseases**
Donald Sin (Vancouver (BC), Canada)**11:15 Discussion and Q&A**
Speaker to be confirmed**5A Session 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 (Leeuwarden, 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**
Anne Olland (Strasbourg, France)**10:37 Case 2 incl. panel discussion and Q&A**
Najib M. Rahman (Oxford, United Kingdom)**10:59 Case 3 incl. panel discussion and Q&A**
Anne Olland (Strasbourg, France)**11:21 Case 4 incl. panel discussion and Q&A**
Najib M. Rahman (Oxford, United Kingdom)**Auditorium Session 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**
Pilar Rivera Ortega (Exeter, United Kingdom)

10:37 Case 2 incl. panel discussion and Q&A
Vincent Cottin (Lyon, France)

10:59 Case 3 incl. panel discussion and Q&A
Pilar Rivera Ortega (Exeter, United Kingdom)

11:21 Case 4 incl. panel discussion and Q&A
Vincent Cottin (Lyon, France)

G104/105 Session 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)

10:40 Standardised static lung volume measurement and airways resistance using whole body plethysmography
Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom)

10:40 Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method
Monique Wapenaar - De Korver (Vlaardingen, Netherlands)

10:40 Reporting and interpretation of case studies
Maximillian Thomas (Birmingham, United Kingdom)

G106/107 Session 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)

10:40 Pathological assessment of pulmonary hypertension
Peter Dorfmueller (Giessen, Germany)

10:40 Echocardiography in pulmonary hypertension
Marielle van de Veerdonk (Amsterdam, Netherlands)

10:40 Clinical assessment of pulmonary hypertension
Esther Nossent (Amsterdam, Netherlands)

5B Session 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 : Maria Joana Pereira Catarata (Porto, Portugal), Elżbieta Magdalena Grabczak (Warszawa, Poland)

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| 13:45 | Diagnosing lung cancer in patients with severe respiratory comorbidities: who, when and why? Georgia Hardavella (Athens, Greece) |
| 14:00 | COPD and lung cancer: navigating treatment challenges in the presence of obstructive lung disease Joanna Chorostowska-Wynimko (Warsaw, Poland) |
| 14:15 | Interstitial lung disease and lung cancer: risks, complications and treatment strategies Torsten Gerriet Blum (Berlin, Germany) |
| 14:30 | Impact of pulmonary hypertension on lung cancer management Mona Lichtblau (Zürich, Switzerland) |
| 14:45 | Discussion and Q&A Speaker to be confirmed |

5C Session 13:45 - 15:15

Symposium: Artificial intelligence 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)

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| 13:45 | European Union prospective: AI-enabled RWD in supporting responsible regulatory decision-making and health technology assessment throughout the product lifecycle Speaker to be confirmed |
| 14:00 | United Kingdom prospective: utilising federated AI with RWD for scalable, safe, robust and fair AI in a healthcare setting Speaker to be confirmed |
| 14:15 | Low-to-middle-income country realities: AI-SaMD legislation adoption challenges and solutions with RWD throughout the product development lifecycle Speaker to be confirmed |

14:30 East Asia realities: from data to dollars, the role of RWD and reimbursement in AI deployment
Speaker to be confirmed

14:45 Discussion and Q&A
Speaker to be confirmed

7A Session 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)

14:00 MRI in pulmonary hypertension: a non-invasive game-changer
David Kiely (Sheffield (South Yorkshire), United Kingdom)

14:15 Nuclear medicine in focus: the power of SPECT/VQ and PET imaging
Pierre-Yves Leroux (Brest, France)

14:30 Point-of-care ultrasound in pulmonary embolism: rapid diagnostics at your fingertips
Belinda Rivera-Lebron (Pittsburgh, United States)

14:45 Discussion and Q&A
Speaker to be confirmed

Elicium 2 Session 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)

13:45 Drivers of respiratory health in LMICs: challenges and opportunities
Diane Gray (Cape Town, South Africa)

14:00 Pneumonia: a global problem from infancy to the elderly
Catia Cilloniz Campos (Barcelona, Spain)

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| 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) |
| 14:30 | Fighting climate change: what can healthcare providers learn from lawyers? Maikel van Wissen (Amsterdam, Netherlands) |
| 14:45 | Discussion and Q&A Speaker to be confirmed |

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| Auditorium | Session | 13:45 - 15:15 |
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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 : Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary), Chair to be confirmed

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| 13:45 | Airway disease immunology for clinicians in the biologics era Lena Uller (Lund, Sweden) |
| 14:00 | Biologics in asthma: current insights and future directions Guy Brusselle (Ghent, Belgium) |
| 14:15 | Biologics in COPD: targeting the right pathways for the right treatments Gerard J. Criner (Philadelphia, United States) |
| 14:30 | Biologics in airway disease exacerbations: time to replace systemic corticosteroids Mona Bafadhel (London, United Kingdom) |
| 14:45 | Discussion and Q&A Speaker to be confirmed |

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| 5A | Session | 13:45 - 15:15 |
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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)

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| 13:45 | Introduction Kristin Walter (Chicago, United States) |
| 14:00 | Effect of bisoprolol on patients with COPD at high risk of exacerbations Brian J. Lipworth (Dundee (Angus), United Kingdom) |

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| 14:15 | High-intensity versus low-intensity positive pressure ventilation for acute exacerbations of COPD Zujin Luo (Beijing, China) |
| 14:30 | High-flow nasal oxygen versus non-invasive ventilation for acute respiratory failure Israel Silva Maia (Florianópolis (SC), Brazil) |
| 14:45 | Discussion and Q&A Speaker to be confirmed |

5D Session 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)

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| 13:45 | The circular health paradigm applied to the lung Speaker to be confirmed |
| 14:00 | Not just air pollution: the exposome approach reveals the complex interplay between the environment and our respiratory health Sylvain Sebert (Oulu, Finland) |
| 14:15 | Virus in the air: how host-pathogen interactions shape immune responses of airways Ellen Foxman (New Haven , United States) |
| 14:30 | Discussion and Q&A Speaker to be confirmed |

G104/105 Session 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)

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| 14:30 | Performing Spirometry Lindsay Zurba (Durban, South Africa) |
| 14:30 | Standardised static lung volume measurement and airways resistance using whole body plethysmography Vicky Moore (Coventry, United Kingdom) |
| 14:30 | Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method Kevin De Soomer (Edegem, Belgium) |
| 14:30 | Reporting and interpretation of case studies Karl Sylvester (Cambridge (Cambridgeshire), United Kingdom) |

G106/107

Session

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)

14:30 Pathological assessment of pulmonary hypertension
Speaker to be confirmed

14:30 Echocardiography in pulmonary hypertension
Athanasios Charalampopoulos (London, United Kingdom)

14:30 Clinical assessment of pulmonary hypertension
Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)

5B

Session

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 :** Maria Joana Pereira Catarata (Porto, Portugal), Elżbieta Magdalena Grabczak (Warszawa, Poland)

15:30 A worldwide perspective of pleural infection: implications for management
Maged Hassan (Alexandria, Egypt)

15:45 Secondary spontaneous pneumothorax and air-leak: global lessons
Steven Walker (Bristol (Avon), United Kingdom)

16:00 Diagnosis and management of malignant pleural effusions in resource-constrained settings
Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa)

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)

16:30 Discussion and Q&A
Speaker to be confirmed

7A

Session

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)

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| 15:30 | The global epidemiology of pulmonary hypertension Sandeep Sahay (Houston, United States) |
| 15:45 | Diagnosis and treatment of pulmonary hypertension in low-, middle- and high-income countries Speaker to be confirmed |
| 16:00 | How do social inequality, environmental pollution and climate change affect patients with pulmonary hypertension? Lucilla Piccari (Barcelona, Spain) |
| 16:15 | Interventional and observational clinical trials of pulmonary hypertension across the world Jason Weatherald (Edmonton, Canada) |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

Elicium 2 Session 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)

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| 15:30 | Impact of disease-modifying therapies on respiratory outcomes in children with neuromuscular disorders Reshma Amin (Toronto (ON), Canada) |
| 15:45 | Mycoplasma: the new pandemic. Epidemiological considerations and therapy Patrick M. Meyer Sauter (Zurich, Switzerland) |
| 16:00 | Asthma remission in children: is it achievable? Refiloe Masekela (Durban, South Africa) |
| 16:15 | How can we use artificial intelligence in clinical practice of paediatric pulmonologists? Gustavo Nino (Washington, United States) |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

Auditorium Session 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 :** Alexander Mathioudakis (Manchester, United Kingdom), Ildikó Horváth (Budakeszi, Hungary), Chair to be confirmed

Discussants : Arzu Yorgancıoğlu (İzmir, Turkey), Omar S. Usmani (London, United Kingdom)

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| 15:30 | Case 1 incl. panel discussion and Q&A Arzu Yorgancıoğlu (İzmir, Turkey) |
| 15:52 | Case 2 incl. panel discussion and Q&A Omar S. Usmani (London, United Kingdom) |
| 16:14 | Case 3 incl. panel discussion and Q&A Arzu Yorgancıoğlu (İzmir, Turkey) |
| 16:36 | Case 4 incl. panel discussion and Q&A Omar S. Usmani (London, United Kingdom) |

5C Session 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)

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| 15:30 | Automated detection of respiratory diseases from lung and respiratory sounds Jonathan Dönn (Lausanne, Switzerland) |
| 15:45 | Remote monitoring applications of cough and respiratory sound analysis Jaclyn Smith (Manchester, United Kingdom) |
| 16:00 | Acceptability of digital stethoscope technology in a low-resource setting Salahuddin Ahmed (Dhaka, Bangladesh) |
| 16:15 | Discussion and Q&A Speaker to be confirmed |

Elicium 1 Session 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)

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| 15:45 | Advocacy: influencing the context for change or Advocacy: when change is essential Speaker to be confirmed |
| 16:00 | Why do women make fewer medical errors than men? Franziska Trudzinski (Heidelberg, Germany) |
| 16:15 | Mina Gaga Lecture |
| 16:30 | Get involved with the European Respiratory Society to boost your career! Sara Cuevas Ocaña (Jaen, Spain) |

16:45 **Discussion and Q&A**
Speaker to be confirmed

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| G104/105 | Session | 08:00 - 10:40 |
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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)

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| 08:00 | Introduction Christian Borbjerg Laursen (Odense M, Denmark) |
| 08:20 | Normal thoracic cavity Casper Falster (Odense, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark) |
| 08:20 | Pleural effusion and/or pleural thickening Gilles Mangiapan (Creteil, France), Pia Iben Pietersen (Odense C, Denmark) |
| 08:20 | Case studies Rob Hallifax (Oxford (Oxfordshire), United Kingdom) |
| 08:20 | Guided interventions Søren Helbo Skaarup (Aarhus C, Denmark), Rahul Bhatnagar (Bristol, United Kingdom) |

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| Elicium 2 | Session | 08:30 - 10:00 |
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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)

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| 08:30 | Asthma diagnosis: a complex pathway to clarity Imran Satia (Hamilton, Canada) |
| 08:45 | Physical deconditioning and obesity in asthma. A suitable case for rehabilitation Florence Schleich (Liège, Belgium) |
| 09:00 | Self-management of asthma through patient education and action plans Speaker to be confirmed |
| 09:15 | Addressing environmental and lifestyle factors Arzu Yorgancıoğlu (İzmir, Turkey) |
| 09:30 | Discussion and Q&A Speaker to be confirmed |

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| Auditorium | Session | 08:30 - 10:00 |
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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)

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| 08:30 | Case 1: Case introduction (AUMC) |
| 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 (Amsterdam, Netherlands), Sylvia Spies (Amsterdam, Netherlands) |
| 08:55 | Case 1: Concluding remarks from the Chairs Felix J.F. Herth (Heidelberg, Germany) |
| 09:00 | Case 2: Case introduction (AUMC) |
| 09:05 | Case 2: EBUS and EUS-B for lung cancer staging Jouke T. Annema (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany) |
| 09:25 | Case 2: Concluding remarks from the Chairs Felix J.F. Herth (Heidelberg, Germany) |
| 09:30 | Case 3: Case introduction (AUMC) |
| 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) |
| 09:55 | Case 3: Concluding remarks from the Chairs Felix J.F. Herth (Heidelberg, Germany) |

5A Session 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 (Regensburg, Germany), Marieke L. Duiverman (Groningen, Netherlands)

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|-------|---|
| 08:30 | ARDS phenotyping and outcomes Lieuwe D.J. Bos (Amsterdam, Netherlands) |
| 08:45 | The role and pathophysiology of severe infections in ARDS Ignacio Martin-Loeches (Dublin, Ireland) |
| 09:00 | How to set the ventilator Speaker to be confirmed |
| 09:15 | Evidence-based treatment of severe ARDS: prone positioning and extracorporeal membrane oxygenation Christian Karagiannidis (Cologne, Germany) |
| 09:30 | Discussion and Q&A Speaker to be confirmed |

5C

Session

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)

08:45 **Practical issues in exercise training in severely impaired patients**
Tessa Schneeberger (Schönau am Königssee, Germany)

09:00 **Biologic specificities concerning exercise in severely impaired patients**
Esther Barreiro Portela (Barcelona, Spain)

09:15 **Discussion and Q&A**
Speaker to be confirmed

5C

Session

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 **Personalised self-management of patients with chronic obstructive pulmonary disease and comorbidities**
Hani Syahida Salim (Selangor, Malaysia)

10:30 **Implementation of asthma self-management as routine in primary care**
Hilary Pinnock (Edinburgh, United Kingdom)

10:45 **Challenges in self-management around the globe**
Tanja Effing-Tijdhof (Adelaide (SA), Australia)

11:00 **Future perspectives using new technologies: tailoring of self-management in chronic respiratory disease**
Marjolein Brusse-Keizer (Enschede, Netherlands)

11:15 **Discussion and Q&A**
Speaker to be confirmed

Auditorium

Session

10:15 - 11:45

Endoscopy session: Session 2: emphysema, lung nodules and pleural disease

Diseases: Thoracic oncology

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 bronchoscopic lung volume reduction (BLVR) for emphysema, with a focus on key indications, target lobe selection, procedural flow, and 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)

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|-------|---|
| 10:15 | Case 4. Case introduction (AUMC) |
| 10:20 | Case 4. Bronchoscopic lung volume reduction for emphysema Sara Tomassetti (Florence, Italy), Peter I. Bonta (Amsterdam, Netherlands), Speaker to be confirmed |
| 10:40 | Case 4. Concluding remarks from the chairs Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom) |
| 10:45 | Case 5. Case introduction (AUMC) |
| 10:50 | Case 5. Robotic bronchoscopy for peripheral lung nodule analysis Kevin Blyth (Glasgow (Glasgow), United Kingdom), Johannes M.A. Daniels (Amsterdam, Netherlands), Sylvia Spies (Amsterdam, Netherlands) |
| 11:10 | Case 5. Concluding remarks from the chairs Daniela Gompelmann (Vienna, Austria), Najib M. Rahman (Oxford, United Kingdom) |
| 11:15 | Case 6. Case introduction (AUMC) |
| 11:20 | Case 6. Thoracoscopy in malignant pleural disease Dirk-Jan Slebos (Groningen, Netherlands), Stephanie Everaerts (Leuven, Belgium) |
| 11:40 | Case 6. Concluding remarks from the chairs Najib M. Rahman (Oxford, United Kingdom), Daniela Gompelmann (Vienna, Austria) |

7A Session 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 (Grenoble, France), Mathieu Marillier (Echirolles, France)

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|-------|---|
| 10:15 | COPD screening: pearls and pitfalls Shawn Aaron (Ottawa (ON), Canada) |
| 10:30 | Therapeutic and mechanistic advances in chronic cough Imran Satia (Hamilton, Canada) |
| 10:45 | Interstitial lung diseases: a holistic multidisciplinary approach Katerina Antoniou (Heraklion, Greece) |
| 11:00 | Access and equity in healthcare in the era of digital health David Currow (Sydney (NSW), Australia) |
| 11:15 | Discussion and Q&A Speaker to be confirmed |

Elicium 2 Session 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)

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| 10:15 | Genetics and risk factors: improving our understanding of asthma prevention Guy Brusselle (Ghent, Belgium) |
| 10:30 | Precision medicine and use of monoclonal antibodies in the management of asthma Elliot Israel (Boston, United States) |
| 10:45 | Clinical remission in adults with moderate-to-severe asthma Celeste Michala Porsbjerg (Copenhagen, Denmark) |
| 11:00 | Late-breaker research article on asthma (to be confirmed) Speaker to be confirmed |
| 11:15 | Discussion and Q&A Speaker to be confirmed |

5A Session 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 (Regensburg, Germany), Marieke L. Duiverman (Groningen, Netherlands)

Discussants : Claudia Crimi (Catania (CT), Italy), Patrick Murphy (Oxsted (Surrey), United Kingdom)

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| 10:15 | Case 1 incl. panel discussion and Q&A Claudia Crimi (Catania (CT), Italy) |
| 10:37 | Case 2 incl. panel discussion and Q&A Patrick Murphy (Oxsted (Surrey), United Kingdom) |
| 10:59 | Case 3 incl. panel discussion and Q&A Claudia Crimi (Catania (CT), Italy) |
| 11:21 | Case 4 incl. panel discussion and Q&A Patrick Murphy (Oxsted (Surrey), United Kingdom) |

G104/105 Session 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)

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|--------------|---|
| 11:00 | Introduction Rahul Bhatnagar (Bristol, United Kingdom) |
| 11:20 | Normal thoracic cavity Morten Bendixen (Odense C, Denmark), Silvia Mongodi (Pavia, Italy) |
| 11:20 | Pleural effusion and/or pleural thickening Pia Iben Pietersen (Odense C, Denmark), Giovanni Volpicelli (Torino (TO), Italy) |
| 11:20 | Case studies Radhika Banka (Mumbai (Maharashtra), India) |
| 11:20 | Guided interventions Dinesh Addala (Oxford, United Kingdom), Gilles Mangiapan (Creteil, France) |

Elicium 1 Session 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)

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| 12:45 | Choosing the right inhaler and implementing improved inhaler technique in the clinic Omar S. Usmani (London, United Kingdom) |
| 13:00 | Digital technology to improve inhaler engagement and use Amy Hai Yan Chan (Auckland, New Zealand) |
| 13:15 | Global perspectives in inhaler therapy: education, innovation, access and the environment Job F.M. van Boven (Groningen, Netherlands) |
| 13:30 | Discussion and Q&A Speaker to be confirmed |

5B Session 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)

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| 13:45 | Global burden of neonatal respiratory distress Speaker to be confirmed |
| 14:00 | Global burden of neonatal and infant respiratory infections Refiloe Masekela (Durban, South Africa) |
| 14:15 | Equity-based preparedness and response actions to paediatric respiratory infections Speaker to be confirmed |

14:30 **Equitable access to respiratory support and oxygen therapy devices**
Speaker to be confirmed

14:45 **Discussion and Q&A**
Speaker to be confirmed

5D Session 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)

13:45 **New diagnostic markers for OSA that reflect the disease burden in adults**
Raphael Heinzer (Lausanne, Switzerland)

14:00 **Primary and secondary cardiovascular prevention in the context of OSA: what we know and what we need**
Esther Irene Schwarz (Zürich, Switzerland)

14:15 **How to capture the disease burden in children with OSA**
Refika Hamutcu Ersu (Ottawa, Canada)

14:30 **The AHI does not define phenotypes responsive to adenotonsillectomy in children with snoring**
Athanasios G. Kaditis (Athens, Greece)

14:45 **Discussion and Q&A**
Speaker to be confirmed

5C Session 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), Filippus T. Filippidis (Rickmansworth, United Kingdom)

13:45 **Challenges in implementing cessation policies to address the tobacco epidemic**
María Felicia Montero Arias (San José, Costa Rica)

14:00 **Designing smoke-free cities for optimal respiratory health: innovations, policies and sustainable practices**
Isabella Annesi Maesano (Montpellier, France)

14:15 **Addressing inequalities among smokers: bridging the gaps in health, access and outcomes**
Stamatoula Tsikrika (Athens, Greece)

14:30 Addressing the impact of second-hand smoking on asthmatic and chronic obstructive pulmonary disease patients
Chin Kook Rhee (Seoul, Republic of Korea)

14:45 Discussion and Q&A
Speaker to be confirmed

Elicium 2 Session 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)

14:00 Cultural differences in palliative care for patients with ILDs
Sabrina Bajwah (London, United Kingdom)

14:15 Is there a regional difference in acute exacerbations of fibrosing ILDs?
Yasuhiro Kondoh (Seto (Aichi), Japan)

14:30 Racial and ethnic disparities in treatment of ILDs
Ayodeji Adegunsoye (Chicago, United States)

14:45 Discussion and Q&A
Speaker to be confirmed

7A Session 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)

14:00 Right ventricular phenotypes in left heart disease
Stephan Rosenkranz (Köln, Germany)

14:15 Tricuspid repair in the pressure-overloaded right heart. No or perhaps sometimes?
Speaker to be confirmed

14:30 Right ventricular function in the peripartum period
Da-Hee Park (Hannover, Germany)

14:45 Discussion and Q&A
Speaker to be confirmed

Auditorium Session 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)

14:00 The impact of non-tuberculous mycobacteria in patients with underlying respiratory diseases
Mateja Jankovic Makek (Zagreb, Croatia)

14:15 Viral point-of-care testing, prevention and patient cohorting
Clark Tristan (Southampton, United Kingdom)

14:30 Antimicrobial resistance in respiratory infections: challenges
Eva Polverino (Barcelona, Spain)

14:45 Discussion and Q&A
Speaker to be confirmed

5A Session 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)

13:45 Limitations of acute respiratory distress syndrome guidelines, including question-and-answer session
Ana Cysneiros (Lisboa, Portugal)

14:07 Weak points of modern guidelines for malignant pleural mesothelioma and future perspectives, including question-and-answer session
Nuria M. Novoa (Majadahonda, Spain)

14:29 Overcoming barriers to access and implementing tuberculosis short regimens, including question-and-answer session
Lorenzo Guglielmetti (Paris, France)

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 question-and-answer session
Alessandro Brunelli (Leeds (West Yorkshire), United Kingdom)

No Room Session 14:00 - 15:30

Ceremony and networking sessions: General Assembly

Chairs : Silke Ryan (Dublin, Ireland), Joanna Chorostowska-Wynimko (Warsaw, Poland)

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| G104/105 | Session | 14:30 - 17:10 |
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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)

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| 14:30 | Introduction Najib M. Rahman (Oxford, United Kingdom) |
| 14:50 | Normal thoracic cavity Giovanni Volpicelli (Torino (TO), Italy), Morten Bendixen (Odense C, Denmark) |
| 14:50 | Pleural effusion and/or pleural thickening Konstantina Kontogianni (Heidelberg, Germany), Valentina Pinelli (MASSA-CARRARA, Italy) |
| 14:50 | Case studies Poppy Denniston (London, United Kingdom) |
| 14:50 | Guided interventions Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom) |

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| 5B | Session | 15:30 - 17:00 |
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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)

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| 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) |
| 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) |
| 16:00 | Paediatric lung transplantation: update on the indications, feasibility and prognosis in 2025 Nicolaus Schwerk (Hannover, Germany) |
| 16:15 | Growing with chILD: towards a specific transition program for better care Effrosyni D. Manali (Athens, Greece) |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

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| Elicium 2 | Session | 15:30 - 17:00 |
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Symposium: Global disparities in lymphangioliomyomatosis: 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 lymphangiomyomatosis (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)

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| 15:30 | The role of patient involvement in improving care in LAM Anna Svenningsson (Stockholm, Sweden) |
| 15:45 | Global differences in LAM care: challenges and opportunities Bruno Guedes Baldi (São Paulo (SP), Brazil) |
| 16:00 | European Reference Networks, registries and biobanks: key to advancing care in LAM Marta Garcia Moyano (Barakaldo, Spain) |
| 16:15 | Developing novel molecular diagnostic and disease-monitoring strategies in LAM Nishant Gupta (Cincinnati, United States) |
| 16:30 | Discussion and Q&A Speaker to be confirmed |

Auditorium Session 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)

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| 15:30 | Case 1 incl. panel discussion and Q&A Eva Van Braeckel (Ghent, Belgium) |
| 15:52 | Case 2 incl. panel discussion and Q&A Thomas Wilkinson (Southampton (Hampshire), United Kingdom) |
| 16:14 | Case 3 incl. panel discussion and Q&A Eva Van Braeckel (Ghent, Belgium) |
| 16:36 | Case 4 incl. panel discussion and Q&A Thomas Wilkinson (Southampton (Hampshire), United Kingdom) |

5D Session 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)

15:30 Obstructive sleep apnoea in females: still strangers in the night?
Sophia E. Schiza (Heraklion, Greece)

15:45 Sex differences in obesity-related respiratory failure
Maria Rosaria Bonsignore (Palermo, Italy)

16:00 Central sleep apnoea syndromes: only a male problem?
Jean-Louis Pépin (Grenoble, France)

16:15 Discussion and Q&A
Speaker to be confirmed

Elicium 1 Session 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 (Jaen, Spain), Jannik Ruwisch (Hannover, Germany), Thomas Gille (Bobigny, France)

15:45 Introduction
Sara Cuevas Ocaña (Jaen, Spain), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)

15:50 Presenter 1

16:02 Presenter 2

16:14 Presenter 3

16:26 Presenter 4

16:38 Presenter 5

16:50 Vote, presentation and interview of the winner
Sara Cuevas Ocaña (Jaen, Spain), Thomas Gille (Bobigny, France), Jannik Ruwisch (Hannover, Germany)

3A Session 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 (Grenoble, France)

17:15 Assembly members meeting: presentation, discussion and Q&A
Ioannis Vogiatzis (Blyth, United Kingdom)

3B Session 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
Christian Karagiannidis (Cologne, Germany)

Elicium 1 Session 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
H. Irene Heijink (Groningen, Netherlands)

5D Session 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
Sophia E. Schiza (Heraklion, Greece)

Forum Session 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
Apostolos Bossios (Stockholm, Sweden)

Amtrium Session 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
Ane Johannessen (Bergen, Norway)

5B Session 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
Alexander Möller (Zürich, Switzerland)

E102 Session 17:15 - 18:45

Assembly members' meeting: Assembly 8 Members meeting: Thoracic surgery and transplantation
Chairs : Federica Meloni (Pavia (PV), Italy), marcello migliore (Catania, Italy), René Hage (Zürich, Switzerland)

17:15 Assembly members meeting: presentation, discussion and Q&A
Federica Meloni (Pavia (PV), Italy)

5C Session 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
Jellien Makonga-Braaksma (Woudenberg, Netherlands)

Auditorium Session 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
Raquel Duarte (Porto, Portugal)

5A Session 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
Najib M. Rahman (Oxford, United Kingdom)

Elicium 2 Session 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
Michael Kreuter (Mainz, Germany)

7A Session 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
Olivier Sitbon (Le Kremlin-Bicêtre, France)

E103/104 Session 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
Walter De Wever (Leuven, Belgium)

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| Elicium 1 | Session | 08:00 - 09:15 |
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Wednesday special session: IRC National Coalitions Networking Breakfast

Aims : This session aims to bring together IRC national coalition partners and supporters from across Europe to build valuable connections, share insights, and explore opportunities for collaboration. There will be a short presentation, followed by breakfast and networking. The IRC is founded on the idea of multistakeholder collaboration.

Chairs : Chair to be confirmed

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| 08:00 | Welcome Speaker to be confirmed |
| 08:05 | Presentations |
| 08:20 | Discussion and Q&A |
| 08:25 | Breakfast and networking |

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| E103/104 | Session | 09:15 - 11:45 |
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Wednesday special session: Primary prevention for healthy lungs

Chairs : Chair to be confirmed

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| 09:15 | Introduction and opening Speaker to be confirmed |
| 09:20 | Part 1 – Prevention in theory: Key prevention messages from the WHO Chronic Respiratory Disease report Speaker to be confirmed |
| 09:35 | Part 1 – Prevention in theory: WHO report on impact of air quality on children's health and WHO air quality conference outcomes Speaker to be confirmed |
| 09:50 | Part 2 – Prevention in action: HealthyLungs4Life and sniffer bikes in Amsterdam Speaker to be confirmed |
| 10:05 | Part 2 – Prevention in action: Prevention in the joint action on respiratory disease Speaker to be confirmed |
| 10:20 | Part 2 – Prevention in action: Tobacco end game Speaker to be confirmed |
| 10:35 | Part 2 – Prevention in action: Vaping in young people Speaker to be confirmed |
| 10:50 | Part 2 – Prevention in action: Close and presentation of ERS/ELF Prevention strategy Speaker to be confirmed |
| 11:05 | Part 3 – Break-out sessions and discussion |

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| E102 | Session | 09:30 - 11:30 |
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Wednesday special session: What can ERN-LUNG offer for the future?

Initiatives that aim at a stronger impact

Aims : Point out how the network can tighten the links, improve its relevance, and address future challenges

Chairs : Chair to be confirmed

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| 09:30 | Introduction Speaker to be confirmed |
| 09:35 | The ERN-LUNG Academy: Learning from the best Speaker to be confirmed |
| 09:55 | CPMS 2.0: How to increase interactivity and cooperation for the benefit of the patients Speaker to be confirmed |
| 10:25 | Artificial Intelligence in the diagnosis and treatment of rare respiratory diseases Speaker to be confirmed |

11:05 Discussion and Q&A

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| E107/108 | Session | 09:30 - 11:00 |
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Wednesday special session: Co-design and patient involvement in respiratory innovation

Aims : To promote meaningful collaborative working with patients so that clinical and research innovations meet the needs of people living with respiratory conditions. Learning outcomes: 1) To recognise the significance of patient involvement in respiratory innovation, from consultation to co-design 2) To understand how to capture the voice of patients and family members and incorporate their insights into research and clinical practice. 3) To increase awareness of inclusive and innovative strategies to work in partnership with patients and members of the public. 4) To facilitate collaborating with communities to align innovations to local context

Chairs : Chair to be confirmed

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| 09:30 | Patient involvement in respiratory innovation: principles and practicalities Speaker to be confirmed |
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| 09:45 | The Voice of the Patient and of the Carer at the Centre of Research and Clinical Practice Speaker to be confirmed |
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| 10:00 | Creative and inclusive ways of involving patients and members of the public in research Speaker to be confirmed |
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| 10:15 | BreatheIndia: Collaborating with communities to align innovations to local context Speaker to be confirmed |
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| 10:30 | Panel and open floor interactive discussion Speaker to be confirmed |
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| Elicium 2 | Session | 09:30 - 12:45 |
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Wednesday special session: Advancing gender equity in respiratory medicine**Inclusive solutions for all**

Aims : This session creates 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 programs, and discussions on leadership and advancement opportunities. To highlight the importance of diversity and inclusion in the field of respiratory care and encourage the community from diverse backgrounds to participate and contribute to the event.

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| 09:30 | Introduction by ERS leaders Speaker to be confirmed |
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| 09:45 | Ice-breaker |
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| 10:15 | Science behind imposter syndrome |
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| 10:30 | Discussion |
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| 10:35 | Making space, empowerment and mentorship in respiratory medicine Speaker to be confirmed |
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| 10:50 | Discussion |
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| 10:55 | The triple burden of being a woman, a migrant, and an early career in respiratory medicine Speaker to be confirmed |
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| 11:05 | Panel discussion Speaker to be confirmed |
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| 11:45 | Brunch and networking |
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| Elicium 1 | Session | 10:45 - 12:45 |
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Wednesday special session: Sustainable healthcare initiatives in The Netherlands

Aims : Healthcare has a significant environmental footprint, and climate change negatively affects health. This talk explores sustainable initiatives in Dutch healthcare, with a focus on pulmonology. From green hospital practices to eco-friendly inhalers, initiatives that improve both planetary and patients' health are discussed. In addition, the strength of the Dutch network of sustainable health care providers is highlighted, demonstrating how collaboration can drive change.

Chairs : Chair to be confirmed

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| 10:45 | Comprehensive introduction to sustainability and climate-related issues Speaker to be confirmed |
| 11:05 | Microplastics and PFAS Speaker to be confirmed |
| 11:25 | Sustainability in medical curricula Speaker to be confirmed |
| 11:40 | sustainable healthcare initiatives in the Netherlands Speaker to be confirmed |
| 11:55 | Panel discussion Speaker to be confirmed |

E107/108**Session****11:15 - 12:45****Wednesday special session: How to maximize the impact of your research project outcomes?**

Aims : This session will provide examples on how project' results can be utilized for further research or other purposes. A project ultimate success is defined by effective exploitation. Participants will gain a deeper understanding of the strategies for effective results exploitation.

Chairs : Chair to be confirmed

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| 11:15 | Leveraging Resources: the view of the EU commission |
| 11:30 | SOLACE - European Lung Cancer Screening Alliance Speaker to be confirmed |
| 11:45 | Value-DX– Link with the ERS CRC programme Speaker to be confirmed |
| 12:00 | DiscovAIR–the Human cell atlas Speaker to be confirmed |
| 12:15 | LH4L – Community of Practice Speaker to be confirmed |
| 12:30 | Lungs Europe – an ERS and ELF partnership Speaker to be confirmed |

INDUSTRY SESSIONS

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| E102 | Session | 10:30 - 11:15 |
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Organised by ResMed

10:30

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| E103/104 | Session | 10:30 - 11:15 |
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Organised by Philips

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| E102 | Session | 14:00 - 14:45 |
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Organised by FUJIFILM

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| E103/104 | Session | 14:00 - 14:45 |
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Organised by GANSHORN Medizin Electronic GmbH

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| E102 | Session | 15:30 - 16:15 |
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Organised by FUJIFILM

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| E103/104 | Session | 15:30 - 16:15 |
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Organised by INOGEN

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| E103/104 | Session | 08:00 - 08:45 |
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Organised by Aerogen

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| E102 | Session | 08:00 - 08:45 |
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Organised by Vitalograph

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| E103/104 | Session | 10:30 - 11:15 |
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Organised by FUJIFILM

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| E102 | Session | 10:30 - 11:15 |
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Organised by ResMed

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| E102 | Session | 14:00 - 14:45 |
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Organised by Physio Assist

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E103/104**Session****15:30 - 16:15***Organised by FUJIFILM***15:30****15:48****16:06****16:24****E102****Session****15:30 - 16:15***Organised by Fisher & Paykel Healthcare***15:30****15:48****16:06****16:24**

| E103/104 | Session | 08:00 - 08:45 |
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Organised by Löwenstein Medical Se & Co. Kg

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| E102 | Session | 10:30 - 11:15 |
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Organised by Fisher & Paykel Healthcare

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| E103/104 | Session | 10:30 - 11:15 |
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Organised by JAEGGER MEDICAL

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| E102 | Session | 14:00 - 14:45 |
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Organised by Air Liquide Healthcare

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| E103/104 | Session | 14:00 - 14:45 |
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Organised by BMC Medical Co.Ltd.

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