Lung Science Conference
Post-viral lung diseases – from basic immunology to clinical phenotypes and therapy

9-12 March 2023 – Estoril, Portugal

Scientific programme as of 21.09.2022

Thursday 9 March 2023

LIVE **Opening Session**

18:00-18:15 **Welcome and Introduction**
Silke Meiners, ERS Conferences and Seminars Director

18:15-19:00 **Opening Lecture**
"What can we learn from acute virus infections for chronic disease?"
19:00-19:15 Discussion

Friday 10 March 2023

08:30-09:00 **Keynote lecture – "Immune responses to acute and chronic virus infections"**

LIVE **Session 1:** **Host-response to virus infections – focussing on the lung stroma**

09:00-09:20 **Upper respiratory tract infections: dissecting the role of bronchial epithelial and basal cells**
09:20-09:35 Discussion

09:35-09:55 **Response to virus infections of the lower respiratory tract, focussing on alveolar epithelial cells**
09:55-10:10 Discussion

10:10-10:30 *Coffee break*

10:30-10:45 **Abstract Oral Presentation 1**

10:45-11:05 **Response to virus infections: how about the pulmonary endothelial cells?**
11:05-11:20 Discussion

LIVE **Session 2:** **Host-immune response to virus infections of the lung (part 1)**

11:20-11:40 **Involvement of myeloid cells in respiratory virus infections**
11:40-11:55 Discussion

11:55-12:10 **Abstract Oral Presentation 2**

12:10-12:25 **Abstract Oral Presentation 3**

12:30-14:30 Lunch for all delegates and mentorship lunch discussion for bursary recipients and their mentors

LIVE **Session 2:** **Host-immune response to virus infections of the lung (part 2)**

14:30-14:45 **Abstract Oral Presentation 4**

14:45-15:05 **Adaptive immune responses in virus infections**
15:05-15:20 Discussion

All timings are in Western European Time (WET)

15:20-15:35	**Abstract Oral Presentation 5**

| **15:35-15:55** | **Dendritic cell subsets in respiratory virus infection** |
| 15:55-16:10 | Discussion |

| **16:10-16:25** | **Abstract Oral Presentation 6** |

From 16:30 coffee will be served in the poster area

| **16:45-18:45** | **Poster Session 1** |

From 19:30 Cocktail & Dinner for all delegates

Saturday 11 March 2023

LIVE **Session 3:** **Technological advances to study acute and chronic virus infections of the lung**

| **08:45-09:05** | **Single cell lessons for evaluating cellular function** |
| 09:05-09:20 | Discussion |

| **09:20-09:35** | **Abstract Oral Presentation 7** |

| **09:35-09:55** | **What's next in molecular data analysis?** |
| 09:55-10:10 | Discussion |

| **10:10-10:25** | **Abstract Oral Presentation 8** |

| *10:25-10:55* | *Group Picture and Coffee Break* |

LIVE **10:55-12:10** **Young Investigator Session – The William MacNee Award**

12:15-13:30 **Lunch**

13:30-15:30 **Poster Session 2**

From 15:00 coffee will be served in the poster area

LIVE **17:00-19:30** **Early-Career delegates session – Successfully funding your future research**

| **17:00-17:10** | **Introduction** |
| | ECMC representative |

| **17:10-17:20** | **ERS fellowship opportunities: your first personal research grant** |
| 17:20-17:25 | Discussion |

| **17:25-17:35** | **Preparation of a lay summary and interaction with patient representatives for your grant application** |
| 17:35-17:40 | Discussion |

| **17:40-17:50** | **How to convincingly defend your research proposal?** |
| 17:50-17:55 | Discussion |

| **17:55-18:05** | **Equity, diversity and inclusion statements** |
| 18:05-18:10 | Discussion |

| **18:10-19:30** | **Round table** |

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19:30-20:00   **Evening Pre-dinner talk: "How do we manage the infodemic?**

20:00 Award Ceremony

From 20:15 Dinner for all delegates

Sunday 12 March 2023

LIVE **Session 4:**   **Translation to therapy**

08:30-08:50   **Novel developments for anti-viral drugs**
08:50-09:05   Discussion

09:05-09:25   **Defining and correcting viral reprogramming**
09:25-09:40   Discussion

09:40-10:00   **Controlling viral infections by vaccines**
10:00-10:15   Discussion

10:15-10:35   *Coffee break*

LIVE **10:35-12:00**   **Panel Discussion: "LSC teachings for cause and cure of post-viral lung disease"**

12:00-12:15   Conclusion by Silke Meiners, ERS Conferences and Seminars Director

12:15   *Lunch and departure*

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