

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 23.05.2022

Thursday 9 March 2023

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”

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

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

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

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*

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

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**

All timings are in Western European Time (WET)

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

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*

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*