### Thursday 10 March 2022

**Opening Session**  
Chair: Reinoud Gosens  

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<th>Time</th>
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| 18:00-18:15 | Welcome and Introduction  
Reinoud Gosens, ERS Conferences and Seminars Director |
| 18:15-19:00 | Opening Lecture  
“Cytokines: Orchestrating immune responses in lung disease” |
| 19:00-19:15 | Discussion |
| 19:15-20:30 | Welcome “cheese and wine” cocktail |

### Friday 11 March 2022

**Session 1:**  
Lung Cell atlas in health and disease

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| 08:30-08:50 | Healthy atlas of the human airways  
Discussion |
| 09:05-09:25 | Integrated human lung cell atlas & Launch of the human cell atlas platform  
Discussion |
| 09:40-09:55 | Abstract Oral Presentation 1 |
| 09:55-10:15 | Coffee break |

**Session 2:**  
Tissue resident versus recruited immunity (part 1)

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| 10:15-10:35 | Role of macrophages plasticity in chronic and infectious lung disease  
Discussion |
| 10:50-11:05 | Abstract Oral Presentation 2 |
| 11:05-11:25 | Innate and adaptive immune responses to RV  
Discussion |
| 11:40-11:55 | Abstract Oral Presentation 3 |
| 11:55-12:10 | Abstract Oral Presentation 4 |

12:10-14:10  
Lunch for all delegates and mentorship lunch discussion for bursary recipients and their mentors
Session 2: Tissue resident versus recruited immunity (part 2)

14:10-14:30  Tissue resident T cells in healthy and diseased lung
14:30-14:45  Discussion
14:45-15:00  Abstract Oral Presentation 5
15:00-15:15  Abstract Oral Presentation 6

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

15:30-17:30  Poster Session 1

From 19:30 Dinner for all delegates

Saturday 12 March 2022

Session 3: Trained immunity

08:30-08:50  Trained Immunity and Local Innate Immune Memory in the Lung
08:50-09:05  Discussion
09:05-09:20  Abstract Oral Presentation 7
09:20-09:40  Trained immunity modulates inflammation-induced fibrosis
09:40-09:55  Discussion
09:55-10:10  Abstract Oral Presentation 8
10:10-10:30  Trained immunity and allergy: State of the art and future perspectives
10:30-10:45  Discussion
10:45-11:15  Group Picture and Coffee Break
11:15-12:30  Young Investigator Session – The William MacNee Award
12:30-13:30  Lunch
13:30-15:30  Poster Session 2

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

17:00-19:30  Early-Career delegates session – Tools for career development
17:00-17:10  Introduction
              Niki Ubags (Switzerland)
17:10-17:30  Effective teaching and mentoring: where to start?
17:30-17:40  How to collaborate successfully (industry vs academic perspective) – part 1
17:40-17:50  How to collaborate successfully (industry vs academic perspective) – part 2
17:50-18:10  Transferable skills: you are more than ‘just’ a scientist!
18:10-18:30  Setting the scientific playfield outside academia: a career in scientific editing
18:30-19:30  Panel discussion and networking event
19:30-20:00  Evening Pre-dinner talk
“Beyond Covid-19”

From 20:00 Gala Dinner and Award Ceremony

**Sunday 13 March 2022**

**Session 4:** The mucosal immunity in the lung and infections

08:45-09:05  Virus provided protection against allergic asthma
09:05-09:20  Discussion

09:20-09:40  How cells protect themselves against aberrant immune responses
09:40-09:55  Discussion

09:55-10:15  Coffee break

**Session 5:** Cytokine targeted therapies / personalized medicine medicine in the context of (chronic) respiratory diseases

10:15-10:35  Cytokines targeted therapies in asthma versus COPD
10:35-10:50  Discussion

10:50-11:10  Precision medicine: artificial intelligence to predict COPD susceptibility and progression
11:10-11:25  Discussion

11:25-11:45  Role of lung microbiome in airway diseases
11:45-12:00  Discussion

12:00-12:15  Conclusion by Reinoud Gosens, ERS Conferences and Seminars Director

12:15  Lunch and departure