



**Research Seminar:**  
***The exposome-lung interplay in early life***  
4-5 June 2026 | Prague, Czech Republic

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**Thursday, 4 June 2026**

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08:45 - 09:00 Welcome and introduction

**Session 1: Lung development and early life adverse events**

**Chair: Niki Reynaert**

09:00 - 09:30 Clinical perspective on lung development and BPD - *Rory Morty (Germany)*

09:30 - 10:00 Lung development and the fetal lung atlas - *Marko Nikolic (United Kingdom)*

10:00 - 10:30 Ureaplasma-driven preterm lung disease - *Mandy Laube (Germany)*

10:30 - 10:45 OP01

10:45 - 11:00 OP02

11:00 - 11:30 *Coffee break*

11:30 - 12:45 **Poster session**

**Chairs: Susanne Vijverberg and Mandy Laube**

12:45 - 13:45 *Lunch – networking/mentoring event*

**Session 2: Development, maturation and priming of the immune system and susceptibility to lung diseases**

**Chair: Miguel Alejandro-Alcázar**

13:45 - 14:15 Immune system development - *Clare Lloyd (United Kingdom)*

14:15 - 14:45 Clinical perspective on RSV and other respiratory infections in early life -  
*Heather Zar (South Africa)*

14:45 - 15:15 Host-Microbiome interactions in the development of atopy - *Niki Ubags (Switzerland)*

15:15 - 15:30 OP03

15:30 – 16:00 *Coffee break and Group picture*



### **Session 3: Lung trajectories and the impact of early life exposures**

**Chair: Susanne Vijverberg**

16:00 - 16:30 Lung trajectories and the impact of the early-life exposome – *Rosa Faner (Spain)*

16:30 – 17:00 Transgenerational metabolic programming of lung health and disease - *Miguel Alejandro-Alcázar (Germany)*

17:00 - 17:15 OP04

17:15 - 17:30 OP05

17:30 - 18:15 General discussion

19:30 - 21:30 *Dinner*

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## **Friday, 5 June 2026**

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### **Session 4: Correcting lung trajectories through prevention and treatment**

**Chair: Niki Ubags**

08:30 - 09:00 Re-programming the lung: epigenetic control of developmental pathways in chronic lung diseases - *Soni Savai Pullamsetti (Germany)*

09:00 - 09:30 Harnessing the microbiome for early life lung health - *Benjamin Marsland (Australia)*

09:30 - 09:45 OP06

09:45 - 10:15 Patient testimony of experiences from preterm birth to adulthood (*online*) - *Juliette Kamphuis (Netherlands)*

10:15 - 10:45 *Coffee break*

### **Breakout sessions**

10:45 – 11:40 Panel discussion - How to provide a better start to life: discussion on follow-up, monitoring, screening, therapeutics and prevention

11:40 – 12:30 Breakout sessions: How to improve translation of research from bench to bedside and from bedside to bench.

1. Modelling clinical readouts in animals - *Niki Reynaert (the Netherlands)*

2. Modelling lung development in vitro - **TBC**

12:30 - 13:00 General discussion on breakout sessions and concluding remarks

13:00 - 14:00 *Lunch upon departure*