

ERS Research Seminar

***Preventing asthma – are we ready to translate epidemiological and mechanistic studies into reality?***

17 – 18 April 2023

Berlin, Germany

**Monday, 17 April 2023**

08:45 – 09:00 Registration

**Session 1: What immune mechanisms should be targeted for primary prevention studies?**

Chairs: TBC

09:00 – 09:20 What are key immune mechanisms for asthma onset in humans? – Donata Vercelli (US)

09:20 – 09:40 Trained innate immunity, a new target for asthma prevention? – Milena Sokolowska (CH)

09:40 – 10:00 Faculty discussion

10:00 – 10:15 ECM presentation I

10:15 – 10:25 Faculty Discussion of ECM presentation

10:25 – 11:00 *Coffee break*

11:00 – 11:20 Improving mucosal barrier function; a useful therapeutic strategy? – Hermelijn Smits (NL)

11:20 – 11:40 New mechanistic data on bacterial lysates – Christian Pasquali (CH)

11:40 – 12:00 Faculty discussion

12:00 – 13:00 *Lunch*

13:00 – 14:00 Poster viewing

**Session 2: From bench to bedside**

Chairs: TBC

14:00 – 14:20 The respiratory and gut microbiome; can we change its compositional structure? – Debby Bogeart (UK)

14.20 – 14.40 Data from the whole heat-inactivated polybacterial formulation MV130 – Oscar Palomares (ES)

14:40 – 15:10 Milk and their products; what should our children consume? – Markus Ege (DE)

- 15:10 – 15:30 Faculty discussion  
15:30 – 15:45 ECM Presentation II  
15:45 – 15:55 Faculty Discussion of ECM presentation
- 15:55 – 16:20 *Coffee break*
- 16:20 – 16:40 Parasite products for the prevention and treatment of asthma – Rick Maizels (UK)  
16:40 – 17:00 Early allergen introduction; when and to whom to apply? – Adnan Custovic (UK)  
17:00 – 17:20 Faculty discussion and round up of day
- 17:20 – 18:00 Poster viewing
- 19:00 *Dinner*

## **Tuesday, 18 April 2023**

### **Session 3: Theory into practice – therapeutic trials**

Chairs: TBC

- 08:30 – 08:50 Fish oil in pregnancy; just do it – or more studies needed? – Klaus Bonnelykke (DK)  
08:50 – 09:10 Protecting the fetus and the child from the toxic breathed environment; is it possible?  
– Ben Barratt (UK)
- 09:10 – 09:30 Faculty discussion  
09:30 – 09:45 ECM Presentation III  
09:45 – 09:55 Faculty Discussion of ECM presentation
- 09:55 – 10:30 *Coffee break*
- 10:30 – 10:50 Epidemiological studies; false leads or future directions? – Seif Shaheen (UK)  
10:50 – 11:10 Faculty discussion
- 11:10 – 11:20 Parent feedback of Seminar  
11:20 – 12:20 Round up of day, feedback, award for best presentation and of best poster, key outputs
- 12:30 *Lunch and departure*