

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?

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

09:20 – 09:40 Trained innate immunity, a new target for asthma prevention? – Speaker TBC

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? – Speaker TBC

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

14:00 – 14:20 The respiratory and gut microbiome; can we change its compositional structure? – Speaker TBC

14:20 – 14:40 Milk and their products; what should our children consume? – Speaker TBC

14:40 – 15:00 Faculty discussion

15:00 – 15:15 ECM Presentation II

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

15:25 – 16:00 *Coffee break*

- 16:00 – 16:20 *Early allergen introduction; when and to whom to apply?* – Adnan Custovic (UK)
- 16:20 – 16:40 *Animal studies – do they provide useful insights into therapeutic targets?* – Speaker TBC
- 16:40 – 17:00 Faculty discussion and round up of day
- 17:00 – 18:00 Poster viewing
- 19:00 *Dinner*

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Session 3: Theory into practice – therapeutic trials

- 08:30 – 08:50 *Fish oil in pregnancy; just do it – or more studies needed?* – Speaker TBC
- 08:50 – 09:10 *Protecting the fetus and the child from the toxic breathed environment; is it possible?*
– Speaker TBC
- 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*