

ERS Research Seminar

The Impact of Air Pollution on Respiratory Health – a focus on persistent problems and new emerging areas

19 – 20 November 2018; Berlin, Germany

Day 1– Monday, 19 November 2018

08:30 – 08:45: Registration

08:45 – 09:00: Introduction (Thomas Sandström - Sweden)

Session 1: Is air pollution equally bad for everyone, everywhere?

Chairs: Thomas Sandström (Sweden) and Krystal Godri (USA)

09:00 – 09:45: Are exposure-response-functions for the impacts of air pollution on respiratory health region specific (Michal Krzyzanowski – UK)

09:45 – 10:30: Temporal and geographical contrasts in pollutant exposures (Josef Cyrus – Germany)

10:30 – 11:00: *Coffee break*

11:00 – 11:45: Source profiles around the world (Mar Viana - Spain)

11:45 – 12:30: A toxicological perspective (Terry Tetley - United Kingdom)

12:30 – 13:00: *Round table discussion*

13:00 – 13:45: *Lunch*

13:45 – 14:30: *Poster viewing*

Session 2: Uncertainties everywhere, but does it really matter?

Chairs: Ian Mudway (United Kingdom) and Barbara Hoffmann (Germany)

14:30 – 15:15: Which modelling methodology is best? (Gerard Hoek – The Netherlands)

15:15 – 16:00: It's what you do, not where you live that matters. (Benjamin Barratt – UK)

16:00 – 16:15: *Coffee break*

16:15 – 17:00: Measurement uncertainty and how to deal with it (Klea Katsouyanni – Greece)

17:00 – 17:45: Are epigenetic and transcriptomic signatures of air pollution exposure valid biomarkers? (Erik Melén - Sweden)

17:45 – 18:30: *Round table discussion*

Day 2– Tuesday, 20 November 2018

Session 3: Awkward questions?

Chairs: Michal Krzyzanowski (UK) and Klea Katsouyanni (Greece)

08:30 – 09:15: Is PM mass still the best metric? (Krystal Godri - USA)

09:15 – 10:00: Is NO₂ really toxic? (Ian Mudway - UK)

10:00 – 10:30: *Coffee break*

10:30 – 11:15: Why renewables may not be such a good thing (Jenny Bosson - Sweden)

11:15 – 12:00: How important are air pollutant impacts beyond the heart and lungs (Barbara Hoffmann - Germany)

12:00 – 12:30: *Round table discussion*

12:30 – 12:45: Summing up and conclusions from the workshop (Thomas Sandström and Ian Mudway)

12:45 – 13:45: *Lunch and departure*