

# Allergens; Science, Health Effects and Innovations

September 26-27, Hilton Hotel, Cardiff, Wales, UK

## Final Program

### Day 1: Tuesday September 26

**8.15 – 8.50 – Registration & Coffee, Pastries**

**8.50 - 9.00 – Welcome and Introduction**

#### **Health Effects of Indoor Allergens**

**09:00 – 09:25** **Martin Chapman PhD**, Indoor Biotechnologies Inc, Charlottesville, USA. ‘Structure and Function of Allergens/IgE.’

**09:25 – 09:50** **Paolo Matricardi MD**, Charité Hospital, Berlin, Germany. ‘Evolution of IgE responses to dust mite allergens; association with asthma.’

**09:50 – 10:15** **Matt Perzanowski PhD**, Columbia University, New York, USA. ‘Environmental risk factors for asthma in New York City.’

**10:15 – 10:35** Panel Discussion on IgE responses and asthma.

**10:35 – 11:00** **BREAK**

#### **Applications of Environmental Exposure Chambers**

**11:00 – 11:30** **Frederic de Blay MD**, Hopitaux Universitaires, Strasbourg, France. ‘Design, validation and clinical application of environmental exposure chambers (EEC).’

**11:30 – 11:50** **Maria Oliver PhD**, Indoor Biotechnologies Ltd, Cardiff. ‘Safety and efficacy testing of home and personal care products in an Environmental Testing Suite (ETS).’

**11:50 – 12:10** **Eva King PhD**, Indoor Biotechnologies Inc, Charlottesville, USA. ‘Case studies of efficacy testing in the cleaning products industry.’

**12:10 – 12:30** Panel Discussion on Clinical Benefits of Environmental Exposures/Testing.

**12:30 – 01.30** **LUNCH**

#### **Development, Diagnosis and Management of Food Allergy**

**1:30 – 13:55** **Ronald van Ree PhD**, Academic Medical Centre, Amsterdam, The Netherlands. ‘Molecular diagnostics for food allergy.’

**13:55 – 14:20** **James Hindley PhD**, Indoor Biotechnologies Ltd, Cardiff. ‘Purified allergens and immunoassays for analysis of food.’

**14:20 – 14:45** **Chun-Han Chan PhD**, Food Standards Agency, London. ‘Allergy Alert; Role of the Food Standards Agency in ensuring food safety.’

**14:45 – 15.15** Panel discussion; Innovations in Food Allergy

**15:15 – 15:30 - BREAK**

## **Standardisation and Validation of Therapeutics for Allergy**

**15:30 – 16:00** **Oliver Pfaar MD**, Centre for Rhinology and Allergology, Wiesbaden, Germany. 'Clinical standardization and licensing of allergen immunotherapy products in Europe.'

**16:00 – 16:30** **Julia Zimmer PhD**, Paul Ehrlich Institute, Langen, Germany. 'Update on Regulatory Aspects of Allergen Standardization in Europe.'

**16:30 – 17:00** Panel Discussion on Allergen Therapeutics

**17:00 – 17.15** Concluding Remarks

- **END DAY 1** -

## **Day 2: Wednesday September 27**

At Indoor Biotechnologies Ltd, Vision Court, Cardiff, Wales

On Day 2, participants will receive specialized laboratory training at InBio's new facilities in Cardiff, for hands on experience of allergen sampling and detection using the latest [ELISA 2.0](#) and MARIA<sup>®</sup> technology.

Participants will also receive hands-on training of Indoor Biotechnologies Bet v 1 ELISA 2.0 EP. This assay has been validated against the candidate Ph. Eur. Method for Bet v 1 measurement under the auspices of the European Directorate for Quality of Medicines & Healthcare and the Paul-Ehrlich Institute. Participants will receive training on the performance of the Bet v 1 ELISA 2.0 EP, results interpretation and data analysis.

For more information and to register, please contact Dr Hayley Gallagher:

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