Thursday, 23 May 2013

09.00-09.50 registration

09.50-10.00 Welcome and introductions

**Session 1: Innate immune cells in asthma**

10.00-10.40 Basophils and humoral immunity to allergens and helminths
   **David Voehringer**, University Erlangen, Germany

10.40-11.20 Type 2 innate lymphoid cells in allergic lung inflammation and pulmonary fibrosis
   **Padraic Fallon**, Trinity College Dublin, Ireland

11.20-11.50 Morning break

11.50-12.30 Figuring out the roles of mast cells in asthma
   **Stephen Galli**, Stanford University, US

12.30-12.50 NKG2D promotes allergic pulmonary inflammation via NK cell granzyme B production
   **Fiona Culley**, Imperial College London, UK

12.50-13.00 Abcam

13.00-14.20 Lunch

**Session 2: Epithelial biology and asthma**

14.20-15.00 Innate immune functions of airway epithelial cells
   **Hamida Hammad**, VIB, Belgium

15.00-15.40 Role of ER stress transducer IRE1β in airway epithelial mucin production
   **Carla Ribeiro**, University of North Carolina, US

15.40-16.20 The epithelium in asthma: should it just grow up or is it mature enough?
   **Darryl Knight**, University of Newcastle, Australia

16.20-16.50 Afternoon break

16.50-17.10 Allergenicity and the airway epithelial barrier
   **Irene Heyinck**, University Medical Center Groningen, The Netherlands

17.10-17.30 Defining the role of IL-25 in rhinovirus-induced asthma exacerbations
   **Nathan Bartlett**, Imperial College London, UK

17.30-18.10 Epithelial cytokines and the regulation of allergic inflammation
   **Steven Ziegler**, Benaroya Research Institute, US

18.10-18.15 wrap-up the day

18.15-20.15 Poster session and drinks reception
Friday, 24 May 2013

Session 3  Understanding adaptive immunity in asthma

09.00-09.40   Dendritic cell subsets in asthma
Bart N. Lambrecht, VIB and University Gent, Belgium

09.40-10.20  CX3CL1 in allergic diseases: not just a chemotactic molecule
Valerie Julia, Université Sophia-Antipolis, France

10.20-10.40  Myeloid Hif1alpha counteracts airway allergy through macrophage-mediated immunoregulation
Christophe Desmet, University of Liege, Belgium

10.40-11.00  Morning break

11.00-11.40  IgE production in asthma: from mice to the clinic
Lawren Wu, Genentech, US

11.40-12.20  Conceptualizing asthma as a core disease modified by heterogeneous types of airway inflammation
John Fahy, Cardiovascular Research Institute, UCSF, US

12.20-12.40  Influence of Neurturin in a mouse model of acute airway inflammation
Marion Mauffray, CRP-Sante, Luxembourg

12.40-14.00  Lunch

Session 4  Environment and asthma

14.00-14.40  Endotypes of the microbiome: relevance to allergy
Jeroen Raes, VIB, University of Brussels, Belgium

14.40-15.20  Regulation of allergic inflammation
David Artis, University of Pennsylvania, US

15.20-15.50  Probing the biology of CCR4, a potential therapeutic target for the treatment of allergic airway inflammation
Roberto Solari, Imperial College London, UK

15.50-16.10  Afternoon break

16.10-16.40  Environmental pollutants, allergy and asthma
Guy Brusselle, University Hospital Ghent, Belgium

16.40-17.00  Application of a parasitic worm product to understanding and treating asthma
William Harnett, University of Strathclyde, UK

17.00-17.15  Take home message
Hamida Hammad and Bart N. Lambrecht