

## Agenda - Friday, January 22, 2010

- 12:45 Welcome  
Uwe Heinrich, Fraunhofer ITEM, Hannover, Germany  
Gesine Hansen, SFB 587, Hannover, Germany

### 1. News from models of allergic asthma

- Chair: Gesine Hansen, Hannover, Germany
- 13:00 Pharmacological characterization of acute and chronic mouse allergen challenge models  
Anthony Nials, GlaxoSmithKline, UK
- 13:30 The use of different TLR agonists to treat allergic disorders: proinflammation versus immunosuppression and immune deviation  
Klaus Erb, Boehringer Ingelheim, Germany
- 14:00 Modeling the mixed T helper cell populations seen in severe asthma  
Matthew Catley, UCB, UK
- 14:30 *Coffee break*

### 2. News from models of COPD

- Chair: Armin Braun, Fraunhofer ITEM, Germany
- 15:00 Prolyl endopeptidase (PE): an important enzyme involved in the development of lung emphysema?  
Saskia Braber, Utrecht, The Netherlands
- 15:30 Animal models of COPD exacerbation  
Rolf Schäfer, Boehringer Ingelheim, Germany
- 16:00 Disease models for COPD - are we closer to establishing links to human disease?  
Carla A. Da Silva, AstraZeneca, Sweden
- 16:30 LPS-induced airway inflammation in Marmoset monkeys  
Christina Schlumbohm, Fraunhofer ITEM, Germany
- 17:00 *Coffee break*
- 17:30 Evaluating targets for novel biologic approaches to treatment of stable and exacerbating COPD  
Donna Finch, MedImmune, UK
- 18:00 Testing proof-of-principle in early clinical drug development using the human ozone challenge model  
Olaf Holz, Hamburg, Germany
- 19:00 *Dinner at the Fraunhofer ITEM for all workshop participants*

**Agenda - Saturday, January 23, 2010****3. New therapeutic targets and technologies**

Chair: Norbert Krug, Fraunhofer ITEM, Germany

- 8:00 Common difficulties encountered during lung function assessment in murine asthma models  
Dave Hamre, EMMS, UK
- 8:30 Tiotropium bromide exerts anti-inflammatory activity in a cigarette smoke mouse model of COPD  
Lutz Wollin, Boehringer Ingelheim, Germany
- 9:00 Use of human precision-cut lung slices for testing of anti-inflammatory drugs  
Katherina Sewald, Fraunhofer ITEM, Germany
- 9:30 *Coffee break*
- 10:00 Tregs & allergic airway inflammation  
Abdul Mannan Baru, TWINCORE, Germany
- 10:30 Genetic determinant of asthma and allergy  
Michael Kabesch, Hannover, Germany
- 11:00 Spiegelmer NOX-E36: Efficacy of an MCP-1 inhibitor in two in-vivo models of COPD  
Frank Schwöbel, NOXXON Pharma, Germany
- 11:30 *Coffee break*
- 12:00 Pulmonary vascular remodeling in allergen-induced lung inflammation  
Martin Witzentrath, Berlin, Germany
- 12:30 Toxicity testing for inhalative biopharmaceuticals  
Clemens Dasenbrock, Fraunhofer ITEM, Germany
- 13:00 *End of workshop*