**EAACI Master Class on Biologicals**

**Personalised Treatments of Chronic Inflammatory Upper and Lower Airways Disease: Biologicals, Immunomodulators and Other Targeted Therapeutics**

13 - 14 April 2018, Prague, Czech Republic

**Scientific Programme**

**Friday 13 April 2018**

08:00 - 09:00  
Registration

09:00 - 09:15  
Welcome address  
*Ioana Agache, Romania, EAACI President*

**09:15 - 12:00**  
**Session I - Basic mechanisms: Innate & adaptive mechanisms in asthma and rhinitis**  
*Chairs: Martina Vasakova, Czech Republic | Ioana Agache, Romania*

09:15 - 10:00  
Innate and adaptive immunity in rhinitis and asthma  
*Adam Chaker, Germany*

10:00 - 10:30  
Coffee break

10:30 - 11:15  
The role of microbiome in upper & lower airways and the effect of treatment  
*Liam O'Mahony, Switzerland*

11:15 - 12:00  
Mechanisms driving corticosteroid insensitivity  
*Parameswaran Nair, Canada*

12:00 - 13:30  
Light Lunch
**13:30 - 17:15**  
**Session II - New targeted approaches and unmet needs for asthma**  
*Chairs: Adam Chaker, Germany | Petr Panzner, Czech Republic*

13:30 - 14:15  
Endotype-driven treatment - a step towards precision medicine in asthma  
*Ioana Agache, Romania*

14:15 - 15:00  
Anti-mediator approaches for asthma (CRTH2/Prostaglandin/Leukotriene inhibitors)  
*Zuzana Diamant, The Netherlands*

15:00 - 15:45  
Role of biologicals in asthma comorbidities  
*Martina Vasakova, Czech Republic*

15:45 - 16:15  
Coffee break

16:15 - 17:00  
New therapeutic targets: where do we stand? (includes anti-IL25/anti-IL-33/anti-TSLP; PI3K inhibitors/antibiotics)  
*Parameswaran Nair, Canada*

17:00 - 17:15  
Discussion on the topics above mentioned

**17:15 - 19:00**  
**Workshop: Practical approach to targeted treatment of immune dysregulation syndromes and allergic diseases**  
*Chairs: Martina Vasakova, Czech Republic | Petr Pohunek, Czech Republic*

17:15 - 17:40  
Topic 1. Targeted treatment in allergology. Which drugs are available for which targets?  
*Ilja Stříž, Czech Republic*

17:40 - 18:10  
Topic 2. Asthma. To whom, when and which biologicals  
*Martina Vasakova, Czech Republic | Petr Pohunek, Czech Republic*

18:10 - 18:35  
Topic 3. Urticaria and atopic dermatitis. To whom, when and which biologicals  
*Nina Benáková, Czech Republic*

18:35 - 19:00  
Topic 4. Activation syndromes- dysregulation of immune system - which drugs available, to whom and when?  
*Anna Šedivá, Czech Republic*

20:00 – 22:00  
Welcome reception

**Saturday 14 April 2018**

**08:30 - 11:15**  
**Session III - Targeted treatment based on mechanisms driving allergy**  
*Chairs: Zuzana Diamant, The Netherlands | Leif Bjermer, Sweden*

08:30 - 09:15  
Which phenotypes benefit from SCIT; which from SLIT?  
*Petr Panzner, Czech Republic*

09:15 - 10:00  
Which phenotypes benefit from anti-IgE and which type of anti-IgE treatment?  
*Philippe Gevaert, Belgium*

10:00 - 10:30  
Coffee break

10:30 - 11:15  
Which phenotypes benefit from anti-IL-5, anti-IL-4 and/or anti-IL-13 directed approaches?  
*Leif Bjermer, Sweden*
11:15 - 12:00  Case reports and discussion on topics related to Biologicals  
**Chairs:** Martina Vasakova, The Czech Republic | Leif Bjermer, Sweden

11:15 - 11:35  Severe eosinophilic asthma and aspirin-exacerbated respiratory disease associated to eosinophilic gastroenteritis treated with mepolizumab: a case report  
*C. Caruso, S. Colantuono, Italy*

11:35 - 12:00  Concomitant treatment with Omalizumab and Vedolizumab in patient with severe chronic urticaria and ulcerative colitis  
*Natalie Daniel-Germider, Israel*

12:00 - 13:00  Light lunch

13:00 - 15:45  Session IV - Upper airways: Underlying mechanisms and phenotype-driven treatment options  
**Chairs:** Petr Panzner, Czech Republic | Liam O’Mahony, Switzerland

13:00 - 13:45  Uncontrolled allergic and non-allergic rhinitis (includes diagnosis/biomarkers; dysfunctional barrier; treatment options e.g. IT, biologicals, other)  
*Peter Hellings, Belgium*

13:45 - 14:30  Endotype driven treatment of Recalcitrant Chronic Rhinosinusitis  
*Philippe Gevaert, Belgium*

14:30 - 15:00  Coffee break

15:00 - 15:45  Biologicals for the treatment of Chronic Rhinosinusitis with Nasal Polyps  
*Philippe Gevaert, Belgium*

15:45 - 16:15  Case reports and discussion on topics related to Biologicals  
**Chairs:** Petr Pohunek, Czech Republic | Petr Panzner, Czech Republic

16:15 - 16:30  Closing remarks