Scientific Program

Day 1 - Tuesday September 20th

12:30-14:00 Registration
14:10-14:20 Opening welcome from Olsztyn Pan
14:20-14:30 Presentation of COST Action FA1402 ImpARAS
   Kitty Verhoeckx, Chair of the Action, TNO, The Netherlands

Chair: Barbara Wróblewska & Eva Untersmayr
14:30-15:15 Keynote lecture: The role of intestine microbiota in allergy development.
   Bożena Cukrowska, Hospital - Institute “Memorial - Children’s Health Center”, Warsaw, Poland
   Denise Schrama, Centre of Marine Science, University of Algarve, Portugal

15:35-16:05 Coffee Break

Chair: Gabriel Mazzucchelli & Thomas Holzhauser
16:05-16:25 Effect of processing and protein material on the performance of a normalised real-time PCR approach to quantify soybean as a potential hidden allergen in foods.
   Isabel Mafra, University of Porto, Portugal
16:25-16:45 IgE cross-reactivity between the major peanut allergens Ara h 2 and Ara h 6.
   Stephane Hazebrouck, CEA-INRA, France
16:45-17:05 Assessing hazelnut allergens in model chocolates by sandwich elisa as affected by matrix.
   Joana Costa, University of Porto, Portugal

17:15-19:00 Working group 1-2-3-4 meeting for ImpARAS members

19:00-23:00 Conference Dinner
Day 2 - Wednesday September 21st

Chair: Erwin Roggen & Sandra Denery

09:00-09:45 Keynote lecture: The role of gastric digestion in food allergy.
Eva Untersmayr, Medical University Vienna, Austria

09:45-10:05 Relationship between deamidation intensity and allergenicity of acid Hydrolyzed Wheat Proteins preparations: from France to Japan.
Olivier Tranquet, INRA, France

10:05-10:25 Receptor mediated uptake of peanut proteins in dendritic cells.
Joost Smit, Institute for Risk Assessment Sciences, Utrecht University, Netherlands

10:25-10:55 Coffee Break

Chair: Edyta Sienkiewicz & Katrine Lindholm Bøgh

10:55-11:15 Establishing methods to evaluate intestinal uptake of food proteins.
Katrine Graversen, DTU National Food Institute, Denmark

11:15-11:35 Impact of processing on physicochemical characteristics and digestive proteolysis of insect flours.
Uri Lesmes, Technion, Israel

Michelle Epstein, Medical University of Vienna, Austria

11:55-13:00 Lunch

13:00-14:30 Poster session

Chair: Araceli Diaz Perales

14:30-15:15 Keynote lecture: The effect of house dust mite allergen on airway epithelial barrier function.
Irene Heijink, University Medical Center Groningen, The Netherlands

Chair: Kitty Verhoeckx & Michelle Epstein

15:15-16:15 Flash presentations of ESRs (5 min + 1 min questions)
1) Andrijana Nesic; Molecular characterization of recombinant Mus a 5 allergen from banana fruit.
2) Daniel Lozano Ojulvo; Assessment of the allergenicity of egg protein hydrolysates.
3) Nuria Cubells-Baeza; Assessment of CD1d presentation of food lipid allergens.
4) Mathilde Claude; Degranulation ability of native and aggregated ovalbumin after in vitro simulated digestion.
5) Simona Lucia Bavaro; Investigation on protein profiles of raw and roasted peanuts submitted to two different in vitro digestion models.
6) Marija Perusko; Effects of Maillard reaction on immunogenicity of β-lactoglobulin.

16:15-16:45 Coffee Break

Chair: Charlotte Bernhard Madsen & Joost Smit

16:45-17:05 Lower gut microbiota diversity is associated with higher susceptibility of BALB/c mice to allergic sensitization.
Aicha Maiga, CEA-INRA, France
17:05-17:25 Oral immunotherapy in combination with a non-digestible oligosaccharide supplemented diet in a peanut allergy mouse model.  
_Laura Wagenaar, Institute for Risk Assessment Sciences, Utrecht University, Netherlands_

17:25-17:45 Differences in gut microbiota composition in non-responders and responders with regard to allergen sensitization and anaphylaxis in a food allergy model in mice.  
_Unni Nygaard, Norwegian Institute of Public Health, Norway_

17:45-18:15 MC-meeting

19:00-23:00 Conference Dinner

**Day 3 - Thursday September 22**

**Chair:** _Rocio Fernandez Canton_

09:00-09.45 **Keynote lecture:** Bioinformatic Screening and Detection of Allergen Cross-Reactive IgE-binding Epitopes  
_Scott McClain, Syngenta, USA_

09:45-10:00 Summary of the Warsaw Training school 2016  
_Ben Remington, TNO, Netherlands_

10:00-10:30 Coffee Break

10:30-11:30 Working group 1-2-3-4 meeting for ImpARAS members

**Chair:** _Ann Constable & René Crevel_

11:30-11:50 Allergenicity assessment of genetically modified plants – need to know vs nice to know.  
_Rocio Fernandez Canton, Monsanto Company, Belgium_

11:50-12:10 Development of a tiered risk assessment approach for unintended allergen presence.  
_Astrid Kruizinga, TNO, Netherlands_

12:10-12:30 Individual and population based food allergen thresholds: Update of current knowledge and possible ImpARAS applications.  
_Ben Remington, TNO, Netherlands_

12:30-12:40 Conclusions and perspectives

12:40-13.30 Lunch