1st GGIG meeting: ‘Mechanisms of intestinal homeostasis and disease’

Thu-Fri, March 26 & 27, 2015 Ghent, Belgium

‘A meeting by postdocs, open to everyone’

Thursday March 26th 2015

Session 1: The intestinal epithelial barrier in homeostasis and disease

09:00 – 09:40 Registration – Coffee

09:40 – 10:00 Dr. Andy Wullaert: Introduction ‘Ghent Gut Inflammation Group’ (GGIG)

10:00 - 10:30 Dr. Henner Farin: Organoid cultures to study stem cell-niche signaling and inflammatory disorders in the intestinal epithelium.

10:30 – 11:00 Dr. Timon Adolph: ER stress converts autophagy defects into intestinal inflammation

11:00 – 11:30 Dr. Claudia Günther: Cell death regulation in the intestinal epithelium: Still a mystery?

11:30 – 12:00 Dr. Katerina Vlantis: RIPK1 maintains intestinal epithelial homeostasis by inhibiting apoptosis and necroptosis

12:00 – 13:00 Lunch Break

Session 2: NLR signaling in intestinal homeostasis

13:00 – 13:30 Dr. Lars Vereecke: A20/TNFAIP3 – Master regulator of intestinal immune homeostasis

13:30 – 14:00 Dr. Mikael Sellin: Epithelial NLRs and the first line defense against mucosal insults

14:00 – 14:30 Dr. Franze Progatzky: Inflammasome activation induced by dietary cholesterol in intestinal epithelial cells of the zebrafish.
Dr. Francesca Ronchi: Microbiota-mediated fine-tuning of the threshold of intestinal inflammasome activation in host-microbial mutualism.

Coffee Break

Session 3: Intestinal Immunology

Dr. Ilaria Spadoni: Identification and characterization of a “gut vascular barrier” that is exploited by Salmonella typhimurium for its systemic dissemination

Dr. Charlotte Scott: Novel tools reveal that niche availability and inflammation state determine the cellular origin of Kupffer cells

Dr. Sharon Veenbergen: IL-10 receptor alpha deficiency - Lessons for intestinal immune regulation

Reception

Friday March 27th 2015

Session 4: Clinical and genetic aspects of IBD

Dr. Debby Laukens: Intestinal fibrosis: for those about to ROCK

Dr. Tim Raine: Understanding human intestinal immune function and disease susceptibility through transcriptomics

Dr. Tiago Nunes: Environmental factors in IBD: The role of tobacco smoking in Crohn’s disease

Coffee Break

Dr. Isabelle Cleynen: The genetic architecture of inflammatory bowel disease (IBD)

Dr. Isabella Dotti: Dissecting the role of intestinal epithelium in ulcerative colitis

Lunch Break

Session 5: The gut microbiome in health and disease

Dr. Tulika Arora: Spatial aspects of host-microbiota interactions

Dr. Sara Vieira-Silva: Gut microbiome resilience

Closing words