

Detailed programme

Wednesday 19 October

Time	Description	Speakers
12.30	Registration	
13.15 - 13.30	Welcome Introduction from the organisers	
13.30 - 18.00	SESSION I: Metabolites and Microbiota / Host Interaction Chairs: Aida Habtezion & Karsten Kristiansen	
13.30 - 14.15	K1 <i>Shaping the innate immune system through microbial conditioning early in life</i>	Kathy McCoy Inselspital Bern, Switzerland
14.15 - 14.30	Short talk #1: <i>The gut microbiota regulates intestinal macrophage homeostasis to prevent inflammation</i>	Elizabeth Mann University of Glasgow, United Kingdom
14.30 - 14.45	Short talk #2: <i>TGF-beta signaling in ILC3 prevents spontaneous microbiota-induced colorectal cancer</i>	Julien Marie Inserm, France
14.45 - 15.15	Break (Coffee and exhibition)	
15.15 - 16.00	K2 <i>Influencing T cell differentiation by microbe-associated immunomodulatory metabolites (meta-MAMPs)</i>	Tim Sparwasser Twincore, Hanover, Germany
16.00 - 16.15	Short talk #3: <i>Intestinal mucus dynamics: protection, turnover and clearance</i>	Malin Johansson University of Gothenburg, Sweden
16.15 - 16.45	Break (Coffee and exhibition)	
	Chairs: Brian Kelsall & Fredric Carlsson	
16.45 - 17.30	K3 <i>Host-microbe interactions: implications for lung inflammation</i>	Benjamin Marsland University Hospital of Lausanne, Switzerland
17.30 - 17.45	Short talk #4: <i>The effects of diet on intestinal microbiota in a gnotobiotic mouse model</i>	Catherine Mooser University of Bern, Switzerland
17.45 - 18.00	Short talk #5: <i>Microbial metabolites facilitate IgA responses in the colon</i>	Koji Hase Keio University, Japan
18.00 - 19.15	Welcome Reception at DGI-byen	

Thursday 20 October

Time	Description	Speakers
8.30 - 9.00	Registration	
9.00 - 10.00	Keynote Lecture Chair: Katharina Lahl	
	K4 <i>The other side of lymphocyte trafficking: precursors and programming of high endothelial venules in the immune response</i>	Eugene Butcher Stanford University, USA
10.00 - 10.30	Break (Coffee and exhibition)	
10.30 - 12.30	SESSION II: Intercellular Communication Chairs: Kevin Maloy & Bengt Johansson-Lindbom	
10.30 - 11.15	K5 <i>Ontogeny of the enteric innate immune system</i>	Mathias Hornef RWTH Aachen, Germany
11.15 - 11.30	Short talk #6: <i>Intestinal epithelial tuft cells regulate type 2 mucosal responses to helminth parasites</i>	Philippe Jay University of Montpellier, France
11.30 - 11.45	Short talk #7: <i>A germinal center immunomodulator: The CTA1-DD adjuvant acts on follicular dendritic cells and potentiates follicular T helper cell functions</i>	Sophie Schusseck University of Gothenburg, Sweden
11.45 - 12.00	Short talk #8: <i>Interaction between enteric glia and myeloid cells as critical players in intestinal immune homeostasis</i>	Gianluca Matteoli KU Leuven, Belgium
12.00 - 12.15	Short talk #9: <i>Regulation of ROR(γt)+ Treg induction and their role in oral tolerance</i>	Maria Fedoseeva Technical University Munich, Germany
12.15 - 12.30	Short talk #10: <i>Tissue-specific Butyrophilin-like molecules are master regulators of intraepithelial $\gamma\delta$ T cell composition</i>	Rafael Di Marco Barros Francis Crick Institute, United Kingdom
12.30 - 14.00	Lunch break, exhibition and posters on display (Session I-III)	
14.00 - 18.00	SESSION III: Immune Cell Differentiation Chairs: Christoph Mueller & Vasileios Bekiaris	
14.00 - 14.45	K6 <i>Not simply superficial: how epithelial cells control immunity</i>	Adrian Hayday King's College London, UK
14.45 - 15.00	Short talk #11: <i>Functional elucidation of innate-like B-1 cell subsets across ontogeny</i>	Elin Jaensson Gyllenbäck Lund University, Sweden
15.00 - 15.15	Short talk #12: <i>TGFβ receptor mediated signaling determines tissue-specific differentiation of colonic macrophages</i>	Anika Schridde RWTH Aachen, Germany
15.15 - 15.30	Short talk #13: <i>IgA production requires B cell interaction with subepithelial dendritic cells in Peyer's patches</i>	Andrea Reboldi University of Massachusetts Medical School, United States
15.30 - 15.40	Commemoration Per Brandtzaeg	
15.40 - 16.10	Break (Coffee and exhibition) Chairs: Simon Milling & Ulf Yrlid	
16.10 - 16.55	K7 <i>Regulation of inflammation by intestinal microbiota</i>	Gerard Eberl Pastuer Institute, Paris, France
16.55 - 17.10	Short talk #14: <i>IL-15, Notch and granzyme B drive the differentiation of innate intraepithelial lymphocytes that transform into lymphoma in celiac disease</i>	Nadine Cerf-Bensussan Inserm, France
17.10 - 17.40	K8 <i>Post-transcriptional regulation of NLRP3 inflammasome activation and cytokine production by colon macrophages</i>	Brian Kelsall NIAID, Bethesda, USA
18.00 - 20.00	POSTER SESSION (with cheese and wine)	

Friday 21 October

Time	Description	Speakers
8.45 - 12.45	SESSION IV: Infection Chairs: Nils Lycke & Jenny Persson	
8.45 - 9.30	K9 <i>Type I interferons regulate lung inflammation during viral infections</i>	Cecilia Johansson Imperial College London, UK
9.30 - 9.45	Short talk #15: <i>A critical role of T follicular helper cells in human mucosal anti-influenza response that can be enhanced by immunological adjuvant CpG-DNA</i>	Qibo Zhang University of Liverpool, United Kingdom
9.45 - 10.00	Short talk #16: <i>Lung antigen presenting cells regulate the generation of effector cytokine producing influenza virus specific lung memory CD4 T cells</i>	Megan MacLeod University of Glasgow, United Kingdom
10.00 - 10.45	K10 <i>Vaccination strategies targeting the lung mucosa</i>	Peter Andersen Copenhagen University and Statens Serum Institute, Denmark
10.45 - 11.15	Break (Coffee and exhibition) Chairs: Kathryn J Else & Marcus Svensson-Frej	
11.15 - 12.00	K11 <i>Resistance and susceptibility to intestinal helminths: The role of immunity and the intestinal ecosystem</i>	Richard Grecis University of Manchester, UK
12.00 - 12.15	Short talk #17: <i>Epithelial granulocyte homeostasis is altered upon intestinal nematode infection</i>	Marcus Svensson-Frej Lund University, Sweden
12.15 - 12.30	Short talk #18: <i>FAS signaling in immune defense against the intestinal pathogen, Citrobacter rodentium</i>	Catherine Kennedy University of Melbourne, Australia
12.30 - 12.45	Short talk #19: <i>Distinct subsets of IRF4+ dendritic cells drive Th2 responses in the murine small intestine and colon</i>	Johannes Mayer University of Glasgow, United Kingdom
12.45 - 14.00	Lunch break, exhibition and posters on display (Session IV and V)	
14.00 - 17.30	SESSION V: Immune Disorders Chairs: Nadine Cerf-Bensussan & Jannike Samsom	
14.00 - 14.45	K12 <i>Suppression of type-2-mediated allergic diseases by dectin-1 signaling</i>	Marsha Wills-Karp Johns Hopkins, Baltimore, USA
14.45 - 15.00	Short talk #20 <i>Prostaglandin E2 constrains systemic inflammation through an innate lymphoid cell-IL-22 axis</i>	Chengcan Yao The Queen's Medical Research Institute, United Kingdom
15.00 - 15.15	Short talk #21: <i>Microbiota-dependent tertiary lymphoid tissue drives IgG autoantibody production during chronic intestinal inflammation via LT6R-dependent lymphoid chemokines</i>	Eoin McNamee University of Colorado, United States
15.15 - 15.30	Short talk #22: <i>IRF8-dependent DCs Play a Key Role in the Regulation of CD8 T Cell Responses to Epithelial-derived Antigen in the Steady State but not in Inflammation</i>	Thorsten Joeris Lund University, Sweden

Friday 21 October

Time	Description	Speakers
15.30 - 16.00	Break (Coffee and exhibition) Chairs: Allan Mowat & Thomas Brocker	
16.00 - 16.45	K13 <i>Antigen receptors of adaptive immune cells in celiac disease</i>	Ludvig Sollid University of Oslo, Norway
16.45 - 17.00	Short talk #23: <i>Role of hemexoygenase-1 in inflammatory bowel disease</i>	Aida Habtezion Stanford University, United States
17.00 - 17.15	Short talk #24: <i>Disrupting IL-10 receptor signaling on CD11c+ myeloid cells causes a gluten-dependent small intestinal inflammation</i>	Lea Costes Erasmus University Medical Center, The Netherlands
17.15 - 17.30	Short talk #25: <i>FIBCD1: a novel regulator of intestinal and pulmonary Th2 immune responses</i>	Bartosz Pilecki University of Southern Denmark, Denmark
17.45 - 18.30	CLOSING KEYNOTE LECTURE Chair: Willam Agace K14 <i>Gut reactions: Immune pathways in the intestine in health and disease</i>	Fiona Powrie Oxford University, United Kingdom
18.30 - 18.45	Closing and poster prizes	
19.30 -	CONFERENCE DINNER & PARTY at Restaurant Cassiopeia, Gammel Kongevej 10, 1610 Copenhagen	