

Symposium Agenda



Exploring Gene-Environment Interactions in Chronic Inflammatory Diseases

November 21st – 22nd, 2016

Hart House Debates Room

7 Hart House Circle, Toronto
Canada

CONNAUGHT FUND



Agenda: Day One, Monday, November 21, 2016

08:00 - 08:45	Registration and Breakfast
08:45 - 09:00	Welcome and Opening Address Drs. Jennifer Gommerman & Ken Croitoru
	Microbiome Chair: Dr. David Guttman
09:00 - 09:30	Dr. Eytan Wine , Associate Professor of Pediatrics and Physiology and Clinician Scientist, Pediatric Gastroenterologist at the University of Alberta Gut microbes as mediators of chronic inflammatory diseases
09:30 - 10:00	Dr. Jeremiah Faith , Assistant Professor of Genetics and Genomic Sciences and Clinical Immunology at Icahn School of Medicine at Mount Sinai The absolute microbiota
10:00 - 10:30	Dr. Ken Cadwell , Associate Professor of Microbiology at Skirball Institute, New York University School of Medicine Gene-microbiome interactions in inflammatory bowel disease
10:30 - 11:00	Break and Networking
11:00 - 12:00	Keynote Address Dr. Charles O. Elson , Professor of Medicine and Microbiology and Chair in Gastroenterology at University of Alabama School of Medicine Conversing with our “other self”: the host immune-microbiota dialogue
12:00 - 13:00	Lunch at Hart House and trainee lunch with Dr. Elson
13:00 - 14:00	Panel on “Big Data” Chair: Dr. Kathy Siminovitch Panelists: Drs. Anna Goldenberg, Michale Hoffman, Andrew Paterson
	GxE Chair: Dr. Ken Croitoru
14:00 - 14:30	Dr. Bruce Vallance , Investigator and Associate Professor of Gastroenterology at BC Children’s Hospital and University of British Columbia; CH.I.L.D. Foundation Chair in Pediatric Gastroenterology Key regulators of host-microbiome interactions in the GI tract
14:30 - 15:00	Dr. Kevan Jacobson , Professor and Head of Division of Gastroenterology, Hepatology and Nutrition in Department of Pediatrics, BC Children’s Hospital and University of British Columbia Changing incidence of IBD and lessons learnt for the BC pediatric population
15:00 - 15:15	Break and Networking
15:15 - 15:45	Dr. Thad Stappenbeck , Professor of Pathology and Immunology at the Washington University School of Medicine Gene-environment interactions in IBD
	Immune Responses Chair: Dr. Jennifer Gommerman
15:45 - 16:15	Dr. Kathy McCoy , Professor of Physiology and Pharmacology at University of Calgary Microbiota and regulation of the innate immune system
16:15 - 16:45	Dr. Lisa Osborne , Assistant Professor of Microbiology and Immunology at University of British Columbia Host-multibiome interactions in intestinal infection and inflammation

Agenda: Day Two, Tuesday, November 22, 2016

08:00 - 08:45	Coffee and Breakfast
08:45 - 09:00	Morning Opening Remarks
	Immune Responses Chair: Dr. Jennifer Gommerman
09:00 - 09:30	Dr. Frits Koning , Professor of Immunology at Leiden University Medical Center High-dimensional analysis of the mucosal immune system reveals tissue- and disease-associated immune signatures
09:30 - 10:00	Dr. Maria Rescigno , Director of Dendritic Cell Biology and Immunotherapy Unit at Department of Experimental Oncology at the European Institute of Oncology; Professor at the University of Milano Immune complexity at mucosal sites: implications in inflammation
	Environmental Determinants Chair: Dr. Ahmed El-Sohemy
10:00 – 10:30	Dr. Gilaad Kaplan , Associate professor at the Cumming School of Medicine, University of Calgary Winter is coming! Addressing the global rise of IBD
10:30 – 11:00	Break and Networking
11:00 – 12:00	Panel on “How to design mouse experiments with the microbiome in mind” Chair: Dr. Thad Stappenbeck Panelists: Drs. Jayne Danska, Arthur Mortha, Dana Philpott
12:00 – 13:00	Lunch at Hart House
	GWAS and Meta-Analysis Chair: Dr. Andrew Paterson
13:00 - 13:30	Dr. Andre Franke , Director of the Institute of Clinical Molecular Biology at Christian-Albrechts-University of Kiel Genome-wide host-microbiome association analyses in the general German population
13:30 - 14:00	Dr. Judy Cho , Director of the Institute for Personalized Medicine and the Ward-Coleman Professor of Translational Genetics and Medicine at the Icahn School of Medicine at Mount Sinai GWAS and meta-analysis of chronic inflammatory diseases
14:00 - 14:15	Break and Networking
14:15 - 14:45	Dr. Jens Walter , Associate Professor of Nutrition, Microbes and Gastrointestinal Health and Campus Alberta Innovation Program Chair at University of Alberta Impact of environmental and lifestyle factors on gut microbiota assembly: Implications for autoimmune diseases
14:45 - 15:15	Dr. Howard Hu, Professor and Dean of Dalla Lana School of Public Health Gene and environment interactions in chronic inflammatory diseases
15:15 - 15:30	Closing Address Drs. Jennifer Gommerman and Ken Croitoru