Immunology Mini-Symposium

July 25, 2019; 9 am – 4 pm
Oborowsky Degner Seminar Hall, 1-040 Li Ka Shing Centre for Health Innovation

~ 9:00 am – 10:30 am: Non-Communicable Diseases Immunology

Sue Tsai, Med. Microbiol. & Immunology (FoMD): Metabolic dysregulation of the adaptive immune system during obesity
Caroline Richard, Agric., Food & Nutr. Science (ALES): Choline an important nutrient for the immune system development
Xavier Clemente-Casares, Med Microbiol. & Immunology (FoMD): Cardiac cell defenses against viral myocarditis: a multilayered fortress
Andrew Pepper, Surgery (FoMD): Advancement of novel modalities to preserve pancreatic beta cell mass

~ 10:40 am – 12:00 pm: Biochemical Immunology

Lisa Willis, Biological Sciences (Science): Understanding the role of polysialic acid in NK and T cell biology
Matthew Macaulay, Chemistry (Science): Siglecs: sugar binding immunomodulatory receptors with diverse abilities to control immune cell function
Olivier Julien, Biochemistry (FoMD): Viral protease functions in human host cells

~ 1:00 pm – 2:30 pm: Immunology and Precision Health

Aja Rieger, Med. Microbiol. & Immunology (FoMD): Harnessing the power of single cell analysis
Kristi Baker, Oncology (FoMD): Innate immune sensing and DNA damage in colorectal cancer
Amit Bhavsar, Med. Microbiol. & Immunology (FoMD): Mitigating cisplatin-induced ototoxicity using functional pharmacogenomics
Esmé Dijke, Lab Med & Pathology (FoMD): Regulatory T cell therapy: the challenges on the road to the clinic

~ 2:40 pm – 4:00 pm: Neuroimmunology

Jason Plemel, Medicine (FoMD): How microglia respond to demyelination
Qiumin Tan, Cell Biology (FoMD): Role of capicua in brain and immune cell development and function
Glen Jickling, Medicine (FoMD): Stroke and the Immune System

Scientists, Clinicians and Trainees are welcome to attend this Event
No Registration - First come First serve. Seating, Coffee, and Lunch is limited 
Organized by: Department of Medical Microbiology & Immunology (FoMD), Email: ddoudiet@ualberta.ca