

# UAlberta Summer Meetings in Microbiology & Immunology

## Immunology Mini-Symposium

July 25, 2019; 9 am – 4 pm

Oborowsky Degner Seminar Hall, 1-040 Li Ka Shing Centre for Health Innovation

The UAlberta has made a strong effort to recruit new investigators in the field of immunology. A broad range of highly innovative research programs provides new networking opportunities. This Mini-Symposium will facilitate the exchange of ideas across Disciplines, Departments and Faculties.

### ~ 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 & Nutri. 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 Macauley**, 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](mailto:ddoudiet@ualberta.ca)