




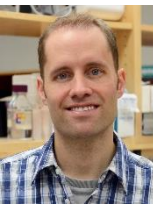
Western Organoid Workshop (W.O.W.)

Thursday November 3rd, 2022; 9AM – 4:30PM


University Community Centre (UCC) Building, McKellar Theatre, Room 290

Schedule:





- 8:45 – 9:15 AM Registration and Breakfast (McKellar Theatre, UCC)
- 9:15 – 9:30 AM Welcome remarks (Dr. Christopher Pin, Professor, Physiology and Pharmacology, Oncology, and Paediatrics, and Dr. Robert Bartha, Vice Dean Research and Innovation, Schulich School of Medicine and Dentistry)

Session 1: 3D Models to Study Cell Development / Biology (Chair: Dr. Van Lu)		
9:30 – 10:00 AM	Dr. Van Lu, Assistant Professor, Physiology and Pharmacology, Schulich School of Medicine and Dentistry <i>“Targeting human enteroendocrine cells to study intestinal chemosensory mechanisms”</i>	
10:00 – 10:15 AM	Dr. Mathieu Derouet, Postdoctoral Fellow (Samuel Asfaha), Medicine, Schulich School of Medicine and Dentistry <i>“Establishment of human colonic organoid bank for studying IBD and colorectal cancer”</i>	
10:15 – 10:45 AM	Dr. Dean Betts, Professor, Physiology and Pharmacology, Schulich School of Medicine and Dentistry <i>“Generation of human blastoids from pluripotent stem cells to model embryo development and implantation”</i>	
10:45 – 11:15 AM	Dr. Stephen Renaud, Associate Professor, Anatomy and Cell Biology, Schulich School of Medicine and Dentistry <i>“3-D modeling of the maternal-fetal interface”</i>	


11:15 – 11:30 AM Break

AM Keynote Speaker:		
11:30 – 12:30 PM	Dr. Stephane Angers, Professor, Pharmaceutical Sciences and Biochemistry; Director, Donnelly Centre for Cellular + Biomolecular Research, University of Toronto <i>“Growing tissue organoids with synthetic growth factors”</i>	

12:30 – 1:30 PM Lunch, Wave, UCC

Session 2: Patient-Derived Cancer Organoid Models (Chair: Dr. Trevor Shepherd)		
1:30 – 2:00 PM	<p>Dr. Trevor Shepherd, Associate Professor, OB/GYN, Anatomy and Cell Biology and Oncology, Schulich School of Medicine and Dentistry</p> <p><i>“Expanding our Mary and John Knight TOCRU resource capacity with ovarian cancer patient-derived organoids”</i></p>	
2:00 – 2:15 PM	<p>Carlijn Van Kessel, PhD candidate (Silvia Penuela and Matthew Hebb), Anatomy and Cell Biology, Schulich School of Medicine and Dentistry</p> <p><i>“Exploring the role of Pannexin 1 in glioblastoma multiforme using a spheroid model system”</i></p>	
2:15 – 2:30 PM	<p>Dr. Emilie Jaune-Pons, Postdoctoral Fellow (Christopher Pin), Physiology and Pharmacology and Oncology, Schulich School of Medicine and Dentistry</p> <p><i>“Establishment and characterization of a living biobank for pancreatic cancer”</i></p>	
2:30 – 2:45 PM	<p>Dr. Vasu Bhat, Postdoctoral Fellow (Alison Allan and Armen Parsyan), Anatomy and Cell Biology and Oncology, Schulich School of Medicine and Dentistry</p> <p><i>“Modeling breast cancer using patient-derived organoids”</i></p>	

2:45 – 3:00 PM Break

PM Keynote Speaker:		
3:00 – 4:00 PM	<p>Dr. Faiyaz Notta, Assistant Professor, Medical Biophysics; Scientist, OICR, Princess Margaret Cancer Centre, University of Toronto</p> <p><i>“Pancreatic cancer: from genomes to organoids to patients”</i></p>	

4:00 – 4:30 PM Discussion and closing remarks