Welcome

Home to more than 250 researchers, the Michael Smith Laboratories investigates molecular genetics in humans, animals and plants, fermentation, bio-process engineering, and bioinformatics.

Dr. B. Brett Finlay is inducted in the Canadian Medical Hall of Fame.
Podcast with PhD student Paula Littlejohn

Naturejobs podcast - Family life, career life: making it work

A new approach for apoptosis detection in bioreactors

Raman spectroscopy used to distinguish cell death and apoptotic stages in Chinese Hamster Ovary cells

A repurposed drug could open door to more stem cell transplants
Advocating for fundamental research in Canada
Ensuring a strong future for science and scientists

Science podcast bring academia into the light
Cited podcast wins top journalism award

Importance of gut microbiota in degrading dietary fiber
Unravelling the mechanism behind beta-glucans metabolism by Bacteroidetes
A career of contributions to improving human health

Dr. B. Brett Finlay among the new 2018 laureates inducted into the Canadian Medical Hall of Fame

Simple alginate cell encapsulation

Single step emulsification for mammalian cell encapsulation in alginate beads using a simple stirred vessel

Prof. Peter Zandstra

The Michael Smith Laboratories welcomes a new Director
Faculty promotions

MSL celebrates faculty promotions for Drs. Joanne Fox, Christian Kastrup and Nobu Tokunuki

Prof. Jim Kronstad bids farewell as Director

Celebrating Prof. Jim Kronstad’s tenure as the MSL Director from 2008 to 2017

Use of a microfluidic chip for whole genome library preparations of single-cell DNA without preamplification
Renaissance BioScience Corp. partners with Mitacs for $1.44-million project to advance its next-generation yeast development platform, tools and methods

Six Health Care Pioneers Inducted into the Canadian Medical Hall of Fame

Look! Down in the petri dish! It’s a Superplatelet!

Cross-Disciplinary Research

Training

Events

- Dept of Biochemistry and Molecular Biology Discussion Group - Dr. Alexey Pshezhetsky
  3 May 2018 - 3:00pm

- Dept of Microbiology & Immunology Seminar - Dr. Alberto Martin
  8 May 2018 - 12:30pm

- The Centre for Blood Research Seminar Series - Dr. Chris Bond
  9 May 2018 - 12:00pm

- Dept of Cellular and Physiological Sciences – French Scholars Lecture Series: Christian Giaume, PhD
  10 May 2018 - 12:30pm