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.

New Training Program Awarded $1.65M in Funding from NSERC

The Plant Responses to Eliminate Critical Threats (PRoTECT) program offers unique opportunities for students studying plant-microbe interaction.
Student Spotlight: James Baylis

Read about James’ journey through the biomedical engineering graduate program at MSL.

Acknowledging outstanding work

Congratulations to Dr. Dave Ng on his promotion to Professor of Teaching.

UBC Awards Dr. Peter Agre with 2018 Honorary Degree

Dr. Peter Agre Receives UBC’s Honorary Degree and Visits Michael Smith Laboratories.
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

Use of a microfluidic chip for whole genome library preparations of single-cell DNA without preamplification

Faculty

Employment Opportunities

News

Cross-Disciplinary Research

Training

Dr. Michael Smith
Nobel Laureate
Tackling the World's Deadliest Diseases One AB at a Time: An Interview with AbCellera's CEO, Dr. Carl Hansen

AbCellera is Enabling the Translation of Laboratory Research to Clinical Application for Fibrosis Associated with Congenital Degenerative Diseases

Three MSL Post Docs Receive MSFHR 2018 Research Trainee Awards

More

Events

- UBC Dept of Microbiology and Immunology - Aaron Wyatt Memorial lecture
  18 Sep 2018 - 12:30pm

- Epigenomics: The 5th Canadian Conference on Epigenetics
  30 Sep 2018 (All day)

- Michael Smith Laboratories Seminar Series
  17 Oct 2018 - 3:00pm

- 2018 Gairdner Symposium
  22 Oct 2018 - 3:30pm

More

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