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

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

Unraveling the mechanism behind beta-glucans metabolism by Bacteroides

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 Tokuriki

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

Dr. Snutch inducted into NAI

Innovative researcher honoured as Fellow of the National Academy of Inventors

Dr. Harry Brumer honoured

Dr. Harry Brumer receives prestigious UBC Killam Research Prize at VP Research reception
Highly potent antifungal compound identified

Screening of the Pathogen Box reveals promising antifungal compound against Cryptococcus and Candida species

Dr. Foster receives the Ken Standing Award

Congratulations to Dr. Leonard Foster on receiving the 2017 Ken Standing Award for significant contribution to technology development

Cross-Disciplinary Research

Dr. Michael Smith
Nobel Laureate
Tweets by @ubcmsl

Events

- Genetics Society of America honors Philip Hieter with 2018 George W. Beadle Award
- What Healthcare Can Learn From a Proud Data Parasite
- Raman spectroscopy used to distinguish cell death and apoptotic stages in Chinese Hamster Ovary cells

More

Faculty

Employment Opportunities

News

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