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.

Importance of gut microbiota in degrading dietary fiber

Unravelling 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 Tokuniki

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.

Researchers identify genes that give cannabis its flavour

Dean of Science Excellence in Service Awards

MSL recipients Pal Bains and Natalie Marshall recognized with a Dean of Science Excellence in Service Award
Unravelling the mechanism behind beta-glucans metabolism by Bacteroidetes

Creature no larger than a grain of rice colours BC forests a deathly red

How do your allergies develop?