CENTRE FOR MOLECULAR MEDICINE AND THERAPEUTICS: SPRING SYMPOSIUM

Thursday, March 4, 2021 | 10:00am — 11:35am

Zoom: https://ubc.zoom.us/join OR https://ubc.zoom.us/j/69955532138?pwd=bHk4b0tlUUZOaTNGUFI2bGhldUtuZz09

Meeting ID: 699 5553 2138 | Passcode: 745112

What to expect: A large classroom experience. Cameras and mics will be disabled, but you will be able to submit questions online. This session will be recorded.

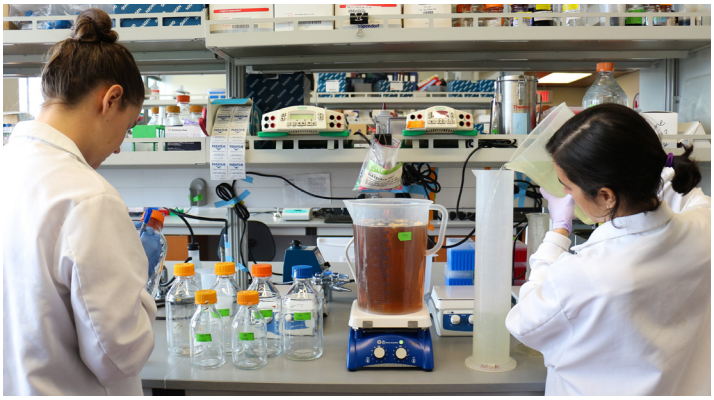
AGENDA

10:00 am | Welcome

Presented by: Dr. Bruce Verchere, Director, Centre for Molecular Medicine and Therapeutics; and Dr. Michael Hayden, University Killam Professor, UBC Department of Medical Genetics

10:05 am | How to fail successfully: experiences in student leadership, research, and failure

Failure is scary yet an inevitable part of success. Yet no one seems to talk about how much they've failed or how to overcome certain disadvantages in their path to success. Hear from Laura as she uncovers her own range of personal experiences: from being a top-ranked undergraduate applicant for the Department of Medical Genetics, to the numerous rejections, bad grades and conditional pressures she has come across in her journey to becoming a Clinician Scientist.
Presented by: Laura Chan, UBC Research Trainee, Leavitt Research Team



10:35 am | Deep into brain — Recording brain waves

Recording brain electrical waves provides valuable information about brain health and its functioning. It is done by a technique called electroencephalography or EEG, which allows us to study and diagnose brain diseases such as epilepsy. Learn about the background of EEG and watch a demonstration on how researchers perform this experiment with examples of different EEG patterns. *Presented by: Dr. Hilal Al Shekaili, UBC Research Trainee, Leavitt Research Team*

11:05 am | Lipids in brain diseases — Check your fats

Did you know lipids are not just a source of energy for the body? Their role in cells is far more complex. For example, in a process called “fatty acylation,” fatty acids can attach to proteins in cells and change the functions of the modified proteins. Discover how abnormalities in protein fatty acylation contribute to brain diseases such as Alzheimer or Huntington’s disease.
Presented by: Dr. Fanny Lemarié, UBC Research Trainee, Hayden Research Team

11:35 am | Closing Remarks

Presented by: Dr. Bruce Verchere

This event is presented by the UBC Centre for Molecular Medicine and Therapeutics. Based at the BC Children’s Hospital Research Institute, CMMT is home to a highly collaborative community of scientists who are connected by a common goal: using leading-edge molecular methods to advance the development of therapeutics for human disease. With a strong history in neurogenetics and metabolism research, the CMMT offers one of the premier research environments in Canada for interdisciplinary biomedical research.