



University
of Victoria
Medical Sciences

Division of Medical Sciences

DMSC GUEST SEMINAR



**The Molecular and Cellular Biology of Mood Disorders;
G protein signaling and the path to personalized treatment**

Mark Rasenick, PhD

**Distinguished Professor of Physiology & Biophysics and Psychiatry
Director, Biomedical Neuroscience Training Program
Research Career Scientist, Jesse Brown VAMC
U. Illinois Chicago College of Medicine**

MSB 160

Monday June 3rd, 2019

12:00 – 1:00 PM

Progress toward new antidepressant therapies has been relatively slow over the past few decades, with the result that individuals suffering from depression often struggle to find an effective treatment – a process often requiring months. A better understanding of the molecular processes that underlie depression and contribute to antidepressant efficacy is therefore badly needed. In my laboratory we are investigating the role of G-proteins that are intimately involved in both the genesis of depressive states and the action of antidepressant drugs, with the ultimate goal to provide a possible pathway towards personalized treatment.