



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Department of Cellular and Physiological Sciences



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****CPS SEMINAR TIME****

12:30 PM Thursday, Jan. 17, 2018

Location: LSC3

Hosted by Dr. Edwin Moore

"Regulation of intracellular Ca²⁺ release in the heart"

Within the heart controlled release of Ca²⁺ through the cardiac ryanodine receptor (RyR2) is essential for normal myocyte contraction. However, dysregulation of this release can give rise to diseases such as arrhythmias and cardiomyopathies. RyR2 activity can be controlled by a host of factors including small interacting proteins, post-translational modifications and various pro-arrhythmic drugs. Using intracellular and intra-sarcoplasmic reticulum Ca²⁺ measurements we have delineated a common molecular mechanism through which many of these regulators of RyR2 act.

Join us for coffee and cookies at Noon in LSC 1416!!!

For more information please contact Dr.Rideout<elizabeth.rideout@ubc.ca>, Dr.Kopp<janel.kopp@ubc.ca>