



THE UNIVERSITY OF BRITISH COLUMBIA

Department of Cellular and Physiological Sciences



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UMass Med

Associate Professor

Department of Medicine

Chair in Diabetes, Director, Beta Cell Biological

****CPS SEMINAR TIME****

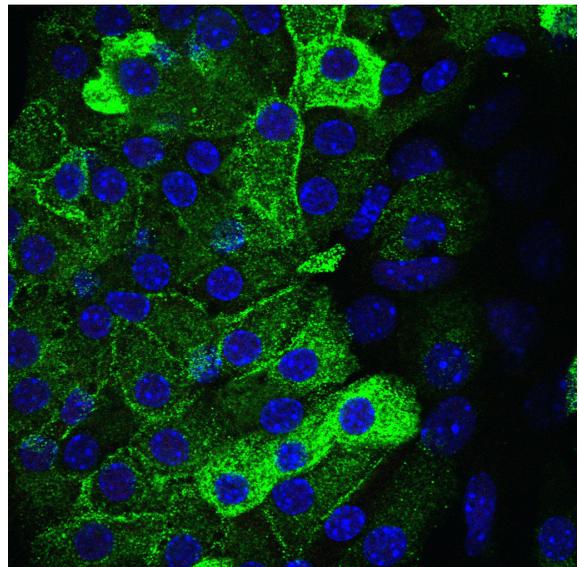
12:30 PM Thursday, April 25, 2019

Location: LSC3

Hosted by Dr. Jim Johnson

"The beta cell ER stress tipping point: from proliferation to failure"

Pancreatic beta cells are lost in diabetes; finding ways to stem beta cell death and regenerate new beta cells are the primary goals of the Alonso lab. Beta cells are very sensitive to small changes in ambient glucose concentration. We have identified the Endoplasmic Reticulum stress response system as a key mediator of important beta cell outcomes of glucose exposure. This talk will outline our newest findings on pathways modulating the beta cell ER stress tipping point, in which cell fate decisions are made between cell death, survival and proliferation that influence whether an individual is protected against- or at risk for- developing diabetes.



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

For more information please contact Dr. Jim Johnson<james.d.johnson@ubc.ca>