a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Department of Cellular and Physiological Sciences

Carolyn Brown, Ph.D

Professor

Department of Medical Genetics

University of British Columbia

****CPS SEMINAR TIME****

12:30 PM Thursday, April 4, 2019

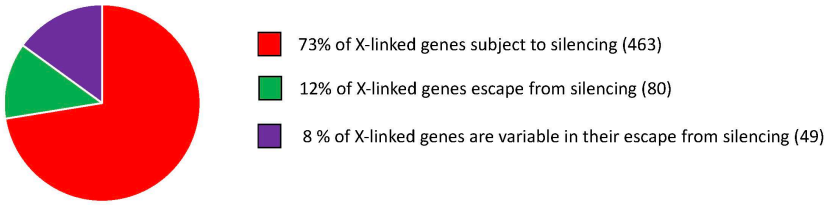
Location: LSC3

Hosted by Drs. Rideout & Kopp

"Studies in the Brown laboratory investigate the mechanism of X-Chromosome inactivation, the epigenetic process that underlies the mosaicism of the calio cat"

" X-chromosome inactivation: Epigenetics and eXeptions"

X-chromosome inactivation is the remarkable epigenetic silencing of one X chromosome which achieves dosage equivalence for X-linked genes between 46,XX females and 46,XY males. This cis-limited silencing of the 155 Mb human X chromosome is not complete. One striking exception is the XIST gene, whose inactive X-specific expression initiates the silencing cascade. However over 20% of human X-linked genes show significant expression from the otherwise inactive X. Our studies seek to understand how silencing, and escape from silencing occur.



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

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