

UNIVERSITY
of GUELPH

COLLEGE of
BIOLOGICAL SCIENCE

DEPARTMENT OF MOLECULAR
AND CELLULAR BIOLOGY

Seminar SPEAKER SERIES

2019 - 2020

NOV **WED** **20** **10** **30**
AM

Summerlee
Science Complex
SSC 2315

DR. LISA PORTER

ASSOCIATE PROFESSOR, DEPARTMENT OF BIOLOGICAL SCIENCES, UNIVERSITY OF WINDSOR
SCIENTIFIC DIRECTOR, WINDSOR CANCER RESEARCH GROUP

MCB HOST: DR. NINA JONES

Dissecting Growth Properties of Normal and Tumorigenic Neural Stem Cells

Neural stem cells are capable of dividing both symmetrically and asymmetrically to expand their population or give rise to differentiated progeny. The Porter lab focuses on understanding how the cell regulates these cues during normal development and what can go wrong to drive populations of stem-like brain tumour initiating cells in human glioma.



Dr. Porter's research focuses on the study of Spy1, a cell cycle protein, and its role in oncogenesis. By investigating the novel mechanisms that this protein plays in the regulation of mammalian cell cycles, she aims to better explain and understand the critical role it has in the control of both breast cancer and brain cancer.

She is the Scientific Director of the Windsor Cancer Research Group (WCRG)—an assembly of local researchers, clinicians and community partners— which focuses on strengthening local cancer research and bridges collaboration with local cancer treatment centres.

All welcome to attend
Light refreshments will be served

More information on MCB's website:
www.uoguelph.ca/MCB