

TUESDAY, FEBRUARY 4, 2025

1:00-2:00PM

IN PERSON ROOM 3248 AND ZOOM



PRESENTED BY:

Julie Lefebvre, PhD

Senior Scientist in the Neurosciences and Mental Health Program, Assistant Professor of Molecular Genetics, University of Toronto

Hosted by Dr. Simon Chen

SEMINAR TITLE

**"MOLECULAR STRATEGIES FOR WIRING NEURONS INTO
CIRCUITS"**

Learning Objectives

1. Learn about principles of neural circuit formation, and the importance of studying candidate wiring molecules and unbiased neural tracing methods to understand how the brain is precisely wired.
2. Learn about how cell adhesion molecules belonging to the Protocadherin family regulate patterns of neuronal connectivity.
3. Learn about a new method for labeling interconnected neurons in vivo.