



# Seminar Series

## Special Seminar

### Dr. Monica Vetter

George and Lorna Winder Professor of Neuroscience  
Chair, Department of Neurobiology and Anatomy  
University of Utah, School of Medicine

*"Microglia: Early Responders in Retinal Ganglion Cell Degeneration"*

**Abstract:**

Glaucoma causes blindness due to the progressive degeneration of retinal ganglion cells (RGCs). We have found that retinal microglia respond at early stages of disease, and play a critical role in degeneration of RGCs. We are investigating microglia activation as a candidate biomarker for the glaucoma, and investigating pathways involved in recruitment and activation of these cells in the retina.

**Tuesday, September 3, 2013 at 10 a.m.**

**Ramsay Wright Building, Room 432**

Host: Prof. Vince Tropepe <[v.tropepe@utoronto.ca](mailto:v.tropepe@utoronto.ca)>