## SickKids RESEARCH INSTITUTE CELL&SYSTEMS BIOLOGY SEMINAR

# Phyllis Hanson, MD, PhD

MICHIGAN NEUROSCIENCE INSTITUTE CHAIR, DEPARTMENT OF BIOLOGICAL CHEMISTRY PROFESSOR OF BIOLOGICAL CHEMISTRY, CELL AND DEVELOPMENTAL BIOLOGY, AND NEUROLOGY

#### STRESS, RUPTURE AND REPAIR:



#### CELLULAR RESPONSES TO ENDOLYSOSOMAL DAMAGE





### MARCH 28, 2025

### 1:30 - 2:30 PM

### **EVENT ROOM 1 Rm 02.9320**

Dr. Hanson's research focuses on understanding how proteins interact to regulate the structure and organization of cell membranes both inside and outside the cell and has implications for understanding a wide range of diseases, including, among others, neurodegenerative disorders such as Alzheimer's disease and the debilitating movement disorder, dystonia. Specific areas of interest include protein-protein and protein-membrane interactions involved in membrane trafficking and organelle structure, focusing on ESCRTs, AAA+ ATPases, and associated machinery.

Hosted By: Dr. Julie Brill