



## BiophysTO Lunchtime Seminar Series

### Date

Thursday, May 24, 2018  
at 4:30 pm (special time)

### Location

CCBR  
Red Seminar Room

## Marco A. M. Prado

Molecular Medicine, Robarts Research Institute,  
The University of Western Ontario

### **STI1/HOP (Hsp70-Hsp90 organizing protein) regulation of cellular resilience and protein misfolding**

STI1 is a co-chaperone for Hsp70/Hsp90 regulating client protein transfer. However, STI1 can also be secreted by cells to trigger signaling via the prion protein and auxiliary receptors. I will present recent work using novel mouse models targeting STI1 to understand how this unique protein regulates cellular resilience in mammals. I will also review how STI1 controls mal-adaptive signaling and modulates protein misfolding in neurodegenerative diseases.

**Host: Dr. Walid A. Houry**



**Seminar  
Sponsors**

### UTM

Chemical and Physical Sciences  
VP Research Vice-Dean Graduate

### UTSG

Biochemistry IBBME Medical Biophysics  
Physics Chemistry