



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

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