

Panel #2:
**One Model to Rule Them All:
Prion-Like Transmission as the Ideal
Neurodegeneration Animal Model**

Moderator: Joel Watts, PhD

Associate Professor

**Canada Research Chair in Protein Misfolding Disorders
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**Mechanisms of Neurodegeneration in Human Prion Diseases
and Their Intersection with AD/ADRD**

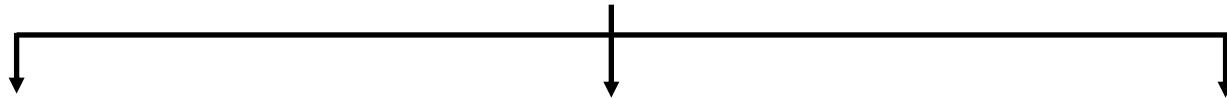
November 12th, 2024



Sauron



“One ring to rule them all”



Elves



Dwarves



Men

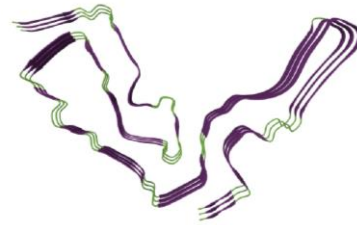
Prions (self-propagating protein aggregates)



Stan Prusiner



Transmission of disease/pathology



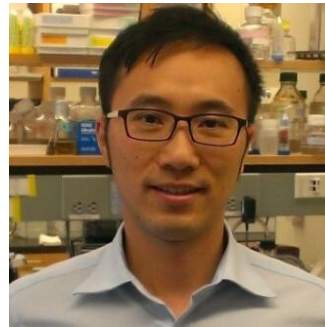
“One model to rule them all”

Prions (PrP^{Sc})



Mathias Jucker

Alzheimer's disease



Kelvin Luk

Synucleinopathies



Sue-Ann Mok

Frontotemporal dementias