

Department of Pathology and Laboratory Medicine

# DR. ROBERT ZHONG SEMINAR

## DR. STEPHEN BARR

Associate Professor,  
Department of Microbiology and Immunology

Thursday, October 18

12:00 – 1:00 p.m.

Auditorium B,  
University Hospital



## “Evolution of an ancient antiviral defence against HIV and Ebola virus”

Objectives:

- 1) Participants will learn about the origins and evolution of a newly discovered antiviral protein called HERC5.
- 2) Participants will gain a basic understanding of how HIV and Ebola virus replicate and cause disease, and the molecular mechanisms by which HERC5 blocks their replication
- 3) Participants will learn about the evolutionary arms race occurring between HERC5 and HIV/Ebola virus, and its implications for disease progression and treatment.

**Webcast Link:** <http://webcast.otn.ca/mywebcast?id=88990773>

“The Pathology and Laboratory Medicine Dr. Robert Zhong Research Seminar is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.”

Light refreshments provided. Everyone is Welcome



Pathology and  
Laboratory Medicine



Please e-mail [Tracey.koning@schulich.uwo.ca](mailto:Tracey.koning@schulich.uwo.ca) if you require information in a different format or if other arrangements can make this event accessible to you. Campus Accessibility Map at [www.accessibility.uwo.ca/maps.htm](http://www.accessibility.uwo.ca/maps.htm)