



## CIHR-UBC Strategic Training Program for Translational Research in Infectious Diseases

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### TRID UNDERGRADUATE STUDENT ORAL RESEARCH PRESENTATIONS draft

**Monday, December 17th 2:00 –4:30pm, MPR Room  
JPN, VGH**

**Moderator: Kyla Omilusik, TRID PhD Scholar**

- 2:00 “Crossing the Threshold: Resistance to First-Line Antibiotics in Uropathogenic *Escherichia coli*”  
**Amanda Chau** UBC Student, Supervisor - Dr. David Patrick
- 2:10 “Mechanism of Inhibition of Oxa-10 and Imp-1  $\beta$ -lactamase by a Common Inhibitor”  
**Hao Chen**, UBC Coop Student, Supervisor – Dr. Natalie Strynadka
- 2:20 “Mycobacterium bovis BCG inhibit Rab7 recruitment of RILP to the mycobacterial phagosome via disruption of Rab7 GDP/GTP switch as a mechanism of phagosome maturation arrest.”  
**Thomas Hong**, UBC Pre-Med Student, Supervisor - Dr. Zakaria Hmama
- 2:30 “Optimization of a Non-radioactive Northern Blot Protocol”  
**Leayen Lam**, University of Toronto Coop Student, Supervisor - Dr. Robert McMaster
- 2:40 “Optimization of the Expression and Purification of Isotopically Labeled C2 Domain of SH-2 containing Inositol 5'-Phosphatase (SHIP)”  
**Tina Lam**, UBC Coop Student, Supervisor - Dr. Alice Mui
- 2:50 “Comparing the health status and behaviors of methadone and non methadone using survival sex workers in Vancouver’s Downtown Eastside”  
**Cindy Lou**, SFU Coop Student, Supervisor – Dr. Mark Tyndall
- 3:00-3:15 **Refreshment break**
- 3:15 “”  
**Paul Mori**, UVic Coop Student, Supervisor - Dr. David Speert
- 3:25 “Alanine-scanning mutagenesis of hepatitis C virus (HCV) NS4A cofactor suggests that Val 24 and Val 26 play key roles in NS3 serine protease function”  
**Catherine Verreault**, U of Sherbrooke Coop Student, Supervisor - Dr. François Jean
- 3:35 “Analysis of exosome-like vesicles secreted by *Leishmania donovani*”  
**Christine Wang**, SFU Coop Student, Supervisor - Dr. Neil Reiner



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- 3:45 “Dissecting the molecular mechanism of Hepatitis C virus NS3 protease allosteric activation by its viral cofactor NS4A using a cell-based fluorescence resonance energy transfer (FRET) assay.”  
**Peter Wang**, UBC Coop Student, Supervisor – Dr. François Jean
- 3:55 “Transcriptional Responses of CD14+ Monocytes to Treatment with Synthetic Host Defence Peptides”  
**Kathleen Wee**, UVic Coop Student, Supervisor – Dr. Bob Hancock
- 4:05 “A Discussion of trip to Africa: September & October 2007.”  
**Laura Aplin**, UBC Coop Student, Supervisor - Dr. Tobias Kollmann
- 4:15 **Conclusion**