EXMD632 in Experimental Medicine
Recent Advances in Virology & Antiviral Therapeutics

- EXMD632 is designed to expose M.Sc., Ph.D. and M.D. students to the most recent developments in the field of virology
- Lectures are given by both McGill faculty members and invited speakers from academia & industry
- This course is interactive and dynamic; students will engage critically with course materials through in-class presentations, discussions, quizzes, and a final research paper

Course Content

**Major Emerging and Re-emerging Virus Outbreaks**
HIV/AIDS, HCV, Herpes, Influenza, SARS, Ebola, Zika, etc.

**Virus-Host Cell Interactions**
Virus restriction factors, super-resolution microscopy, intracellular trafficking, and innate immunity

**Vaccine Development**
Successes and obstacles on the road to vaccines that prevent viral infection

**Drug-based Strategies**
Epidemiology, social implementation, benefits and downfalls of current anti-viral therapeutics

Location: Lady Davis Institute Room 6.2
Time: Tuesdays, 3:05-5:50 PM
Course Coordinators: Dr. Andrew J. Mouland (andrew.mouland@mcgill.ca)
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