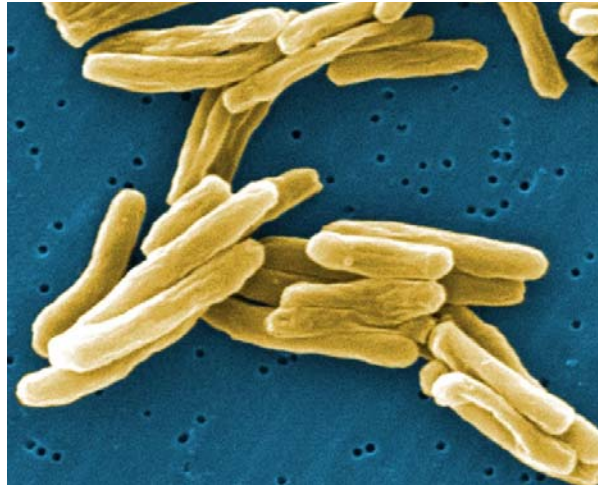


# GUEST SPEAKER SEMINAR



Molecular Genetics  
UNIVERSITY OF TORONTO

## New approaches to old problems: drug resistance and functional genomics in *M. tuberculosis*



Despite the discovery of effective antibiotics, *Mycobacterium tuberculosis* (Mtb) remains the leading cause of death due to infectious disease and is estimated to infect one-third of the world. New drugs, drug regimens, and innovative approaches to limit drug resistance are desperately needed. This seminar will describe efforts to understand the mechanistic basis for drug resistance evolution in Mtb, as well as the development of CRISPR-based tools to interrogate the genetic basis for Mtb pathogenesis.

### Dr. Jeremy Rock

Harvard School of Public Health  
(Candidate for Faculty Appointment)

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Host: Dr. Jun Liu

**Date:** Thursday January 26, 2017

**Time:** 9:30 a.m.

**Place:** Red Seminar Room  
Donnelly CCBR