

CHM1051HS Current Topics in Chemical Biology

Lecturers: Profs. Beharry and Gunning

Lecture location: On-line via Zoom (Links will be provided via Course Website)

Lecture Time: 9-11 am, Tuesdays

Time Table

			Zoom Link
Week 1	9/22/2020	Lecture 1/2 Prof. Gunning	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 2	9/29/2020	Lecture 3/4 Prof. Gunning	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 3	10/6/2020	Lecture 5/6 Prof. Gunning	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 4	10/13/2020	NO LECTURE – Reading Week	
Week 5	10/20/2020	Guest Lecturer	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 6	10/27/2020	Lecture 7/8 Prof. Beharry	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 7	11/3/2020	Lecture 9/10 Prof. Beharry	Meeting URL: https://utoronto.zoom.us/j/95925251802

			Meeting ID: 959 2525 1802 Passcode: 736013
Week 8	11/10/2020	Lecture 11/12 Prof. Beharry	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 9	11/17/2020	Student Presentations	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 10	11/24/2020	Student Presentations	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 11	12/1/2020	Student Presentations	Meeting URL: https://utoronto.zoom.us/j/95925251802 Meeting ID: 959 2525 1802 Passcode: 736013
Week 12	12/8/2020	Final Proposals Due	Proposal Defense by Zoom. Schedule TBD

Mark Breakdown

Participation via attendance (10%)
 Research paper presentation (30 %)
 Grant-like research proposal (30)
 Research proposal defense (30 %)

Presentation

The student will present a critical review of a recent medicinal chemistry/chemical probe

publication from a top tier chemical biology/medicinal chemistry journal (12 min presentation with 3 minutes of questions). It is highly recommended the general topic of the paper chosen will be the same as your proposal.

Proposal

The student will be expected to write a 3-page NSERC-like grant proposal on the selected publication with a goal of proposing a program that will seek to improve and optimize the published technology with a view to clinical advancement.

Proposal Defense

The student will give a 5 min (max.) oral summary of their written proposal, then defend their proposal in a 20 minute interview with Prof. Beharry and Prof. Gunning. The student will be expected to have strong knowledge of the work proposed as well as the relevant literature.