CONCORDIA UNIVERSITY
DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY
CHEMISTRY 498/670
CHEMICAL BIOLOGY OF NATURAL PRODUCTS
COURSE INFORMATION

COURSE FORMAT: Lectures ONLY.
INSTRUCTOR: Brandon Findlay
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e-mail: Brandon.Findlay@concordia.ca

OFFICE HOURS: By appointment only.

OUTLINE: This course will examine how small molecule natural products interact with their cellular targets, with a special emphasis on the role of therapeutics like antibiotics and anticancer drugs. We will also cover the role of these compounds in their natural environment, with a focus on intra-species competition and symbiosis.

PREREQUISITES: CHEM 375. Students may not take both this course and CHEM 498/670 – Secondary metabolism for credit.

GRADING:
Class participation 5%
Presentation 20%
Midterm Exam 25%
Final Exam 50%

PRESENTATIONS: Each student will give a 20-25 minute presentation on a key advance touching on course material, either in pairs (undergraduates) or alone (graduate students). Students will be evaluated on the quality of their talk and their response to questions from the audience. Asking questions and providing constructive feedback on student presentations will contribute to a student’s participation grade.

COURSE OUTLINE:

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