

**BIOL 4802/8802: Special Topics in Drug Discovery
Course Syllabus**

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Course summary: Presentation of the drug discovery process with emphasis on emerging systems biology and personalized medicine.

BIOL 4802/8802 is a 2-credit course. BIOL 4802/8802 meets on Fridays from 9:05-10:55 am in GCATT room 120. Since this is a presentation and discussion-based course, attendance and active participation are required. Should you miss a class, you must convince the instructor that the absence was excusable. Examples of excusable absences include documented illness, death in the family, accident. If you know that you are going to be absent from a lab, you must let the instructor know ahead of time. Each unexcused absence will lower the final grade by 10%.

Required text: Supplied reading list – 40+ peer reviewed journal articles. You are expected to find them in the eJournal repository through the GT Library and read them all.

Office hours: By appointment. Please email or consult with instructor during class to set up a meeting.

Evaluation:

Mini oral presentation 1	20%
Mini oral presentation 2	20%
Major oral presentation	40%
Class participation	20%

2 Mini Oral Presentation: Will consist of 20% of your grade. The presentation will be on one of the papers from the reading list. You are expected to prepare a 20-minute presentation with 5-minutes for questions. The presentation will be timed and you will be held to the 20-minute time limit. Papers for presentation will be assigned at random.

Major Oral Presentation: Will consist of 40% of your grade. The presentation will be on one of the papers from the reading list. You are expected to prepare a 50-minute presentation with 10-minutes for questions. The presentation will be timed and you will be held to the 50-minute time limit. Papers for presentation will be assigned at random.

Class participation: Will consist of 20% of your grade. It will be judged by the extent to which each student participates in class discussions (by asking questions, answering questions, offering ideas, opinions, and critiques of student presentations). I expect to hear you ask a question or offer a comment at least once every class.

Please see www.honor.gatech.edu for Georgia Tech's Academic Honor Code, which you are required to uphold.