

# MBG 7010

Dr. Lawrence I. Grossman, Course Director

Dr. Li Li, Course Co-Director

Class meets Wednesdays and Fridays 2:00-3:50 p.m.

Class room 2268 Scott Hall, 4 Credit Hours

## Course Objectives

This course introduces students to the molecular mechanisms responsible for the perpetuation, expression and regulation of genetic information in prokaryotic and eukaryotic organisms.

Students will be expected to master pertinent information in the basic text Molecular Cell Biology by Lodish et al. (4<sup>th</sup> edition) and journal articles assigned by the lecturers. In addition, students are encouraged to work through exercises and questions found in the Working with Molecular Cell Biology – A Study Companion by Storrie et al. The Lodish text and Study Companion are available at Marwil Bookstore (832-3078).

## Examinations

There will be four exams covering each of the major sections of the course. The exams are not cumulative; there is no final exam. Each exam will be worth 100 points. At least 75 points of each exam will be answerable directly from lectures, text, and assigned papers. The remaining questions may require creative answers synthesized from the covered material. Each lecturer will be responsible for roughly the same percentage of exam points as lectures presented in the unit covered. The lecturer(s) responsible for developing and administering the exam is noted in the syllabus.

There will be space and time limitation for the exams. All questions must be answered in the spaces provided. Exceeding this space or cluttering an exam with needless information may lower the credit assigned. Each exam will be 1 hour, 50 minutes. The exam schedule is as follows:

Exam 1 September 25

Exam 2 October 18

Exam 3 November 13

Exam 4 December 11

## Course Grades

Occasional short quizzes that individual instructors may give based on the assigned reading will count up to 5% of your final grade. Each exam will count equally in determining the remainder of your final grade, which will be based on a curve. Any student at risk of receiving a grade of C or lower after two exams will be warned before the third exam.

## Student Responsibilities

Students contribute significantly to the success of the course. Students are expected to attend lectures, read chapter assignments before class, and ask questions in class. If there is a problem, seek out the lecturer or the course director *before* it is too late to take corrective measures. Students will be asked to evaluate each lecturer. Evaluations will be collected and returned to the SOM Graduate Office by a student designate.

No student will be excused from taking an exam on time without a physician's written justification. Failure to take an exam without such a justification will ordinarily result in a grade of zero. A student missing an exam must notify Drs. Grossman or Li or the CMMG office as soon as possible.