

MGB 7010 Molecular Biology and Genetics – Fall 2002

Revised

Time: 2:00 – 3:50 (one 10-minute break)

Place: 2268 Scott Hall

Texts: *Molecular Cell Biology*, 4th ed., Lodish et al. (W. H. Freeman); *Working with Molecular Cell Biology*, 4th ed., Storrie et al. (W. H. Freeman). Additional reading may be assigned by the instructor.

Date	Lecture	Lecturer	Chapter
9/4	Introduction to course; Protein structure and function	Dr. Grossman	3
9/6	Introduction to Nucleic Acids; Recombinant DNA & Genomics	Dr. Grossman	4.1-4.3; 7
9/11	Scott Hall closed	No class	
9/13	Genetic Analysis	Dr. Grossman	8
9/18	Meiosis; Cell Cycle Regulation	Dr. Finley	19.5
9/20	Cell Cycle Regulation	Dr. Finley	13
9/25	Exam 1		
9/27	Protein synthesis	Dr. Gow	4.4-4.5
10/2	Regulation of Protein Synthesis	Dr. DeGracia	4; handout
10/4	CMMG retreat	No class	
10/9	Genes and Chromosomes	Dr. Womble	9
10/11	Genes and Chromosomes	Dr. Womble	9
10/16	Genes and Chromosomes	Dr. Womble	9
10/18	Exam 2		
10/23	Transcription Initiation	Dr. Gow	10
10/25	Transcription Initiation / RNA Processing	Dr. Gow	10 / 11
10/30	RNA Processing	Dr. Gow	11
11/1	DNA Replication, Repair and Recombination	Dr. Womble	12
11/6	DNA Replication, Repair and Recombination	Dr. Womble	12
11/8	DNA Replication, Repair and Recombination	Dr. Womble	12
11/13	Exam 3		
11/15	Oncogenes and Tumor Suppressors	Dr. Wang	24
11/20	Genome Stability	Dr. Wang	24
11/22	Gene Regulation During Development	Dr. Li	14
11/27	Gene Regulation During Development	Dr. Li	23
11/29	Thanksgiving	No class	
12/4	Gene Regulation During Development	Dr. Li	23
12/6	Review	Staff	
12/11	Exam 4		