

TENTATIVE SCHEDULE

Day & Date	Topic(s) to be Discussed
M - Jan. 21	NO LECTURE OR LAB - Martin Luther King, Jr. Holiday
W - Jan. 23	Gene Transcription and the Biochemical Function of the <i>FCP1</i> Gene Product
F - Jan. 25	Introduction to the Biology and Genetic Conventions of <i>Saccharomyces cerevisiae</i>
M - Jan. 28	The Concept of Genetic Complementation
W - Jan. 30	Construction and Properties of <i>E. coli</i> - <i>S. cerevisiae</i> Shuttle Vectors
F - Feb. 1	Reversion, Intragenic and Extragenic Suppression
M - Feb. 4	Dosage Suppression
W - Feb. 6	The Synthetic Lethal Screen and its Applications; Counter-selection using 5-FOA and the Plasmid Shuffle
F - Feb. 8	Use of the Two-Hybrid Method for Analyzing Protein--Protein Interactions
M- Feb. 11	Protein Synthesis and the Initiation of Translation
W - Feb. 13	DNA-mediated Transformation of Yeast and Extraction of Plasmid DNA from Yeast
F - Feb. 15	Chromosomal Inheritance and Tetrad Analysis
M - Feb. 18	NO LECTURE OR LAB - Presidents Day Holiday
W - Feb. 20	GUEST LECTURE (Prof. Caroline M. Kane) - Genomics and Personalized Medicine
F - Feb. 22	SECTION I MIDTERM EXAMINATION