

SCHEDULE OF LECTURES

Bio 3302, Spring 2005

Date	Instructor	Topic	Assignment
1/9	Robinson	Cell Architecture	Chapter 5
1/11	Robinson	Cell Biology Techniques	Chapter 5
1/16		<i>MLK Holiday</i>	
1/18	Robinson	Biomembrane Structure	Chapter 5
1/23	Robinson	Exam 1 (Chapter 5)	
1/25	Robinson	Membrane Transport of Ions and Small Molecules	Chapter 7
1/30, 2/1	Robinson	Integrating Cells into Tissues	Chapter 6
2/6	Robinson	Exam 2 (Chapters 6, 7)	
2/8	Robinson	General Principles of Cell Signaling	Chapter 13
2/13, 2/15	Robinson	Signaling through G-protein coupled Receptors	Chapter 13
2/20, 2/22	Robinson	Signaling through Enzyme-linked Receptors	Chapter 14
2/27	Robinson	Exam 3 (Chapters 13,14)	
3/1	Burr	Moving proteins into membranes & organelles	Chapter 16
3/6- 3/10		<i>Spring Break. No Lecture</i>	
3/13	Burr	Moving proteins into membranes & organelles	Chapter 16
3/15, 3/20	Burr	Vesicular traffic, secretion & endocytosis	Chapter 17
3/22	Burr	Cytoskeleton: actin filaments in muscle cells	Chapter 19
3/27	Burr	Actin in non-muscle cells	Chapter 19
3/29	Burr	Exam 4 (Chapters 16 & 17; Ch. 19: Actin)	
4/3	Burr	Microtubules (1)	Chapter 20
4/5	Burr	Microtubules (2); intermediate filaments	Ch. 20; Ch. 19
4/10, 4/12, 4/17, 4/19	Burr	Regulation of the eukaryotic cell cycle, tumor suppressor genes	Ch. 21; Ch. 23, pp 946-947; 957-958.
4/24	Burr	Exam 5 (Chapter 19: IF's; Chapters 20, 21; parts of 23)	