

CELL BIOLOGY

1	Mar. 30	Techniques in cell biology
2	Apr. 1	Membrane proteins; Membrane fluidity
3	Apr. 6	Transport through membranes
4	Apr. 8	Receptors; Endocytosis
5	Apr. 13	Translation; Targeting to the ER
6	Apr. 15	The Golgi Apparatus - Structure and function
7	Apr. 20	The Golgi & Secretory Pathway; Lysosomes
8	Apr. 22	The Nucleus: structure; nuclear transport, reconstitution
9	Apr. 27	Mitochondria
	<u>Apr. 29</u>	<u>MIDTERM</u> (<i>synchronous only, 12:30-1:50pm</i>)
10	May 4	The Cytoskeleton; Actin & myosin
11	May 6	Microtubule assembly
12	May 11	Microtubule dynamics; Cytoskeletal interactions; Mitosis
13	May 13	Growth Factors; Transmembrane signaling, Signal transduction I
14	May 18	Signal transduction II
15	May 20	The Cell Cycle in normal & cancer cells; Oncogenes I
16	May 25	Oncogenes II
17	May 27	The Immune system; HIV & COVID-19
18	June 1	Cell junctions, Cell-cell adhesion; Cell-cell communication
19	June 3	The Extracellular Matrix (ECM) -- Structure & function

June 7, Monday

FINAL 11:30-2:30 pm (synchronous only)