BIMM 100 Fall 2019 - Syllabus

DATE*	LECTURE	TOPIC	ASSIGNMENT	PAGES#
26-SEPT	1	An Overview & DNA Structure		1-9, 41-46, 168-176
1-OCT	2	Genes & Mobile DNA		301-323
3-OCT	3	Chromatin & Chromosomes	1	327-349
8-OCT	4	DNA replication & telomerase		197-203, 347-349
10-OCT	5	DNA Repair & PCR	2	203-212, 239-241
15-OCT	6	Basic Transcription & Control of Gene Expression in Prok		176-180, 356-363
17-OCT	7	Control of Gene Expression in Euk (Pol II)	3	363-373, 378-380
22-OCT	8	Activators, Repressors & Transcription Initiation (Pol II)		373-377, 380-383, 373-374
24-OCT	9	Regulation of Transcription Factor Activity (Pol II)	4	381-390, 390-397, 398-404, 404-412
29-OCT		**MIDTERM** (in class)		
31-OCT	10	mRNA processing & export		180-183, 417-439, 440-445
5-NOV	11	Transcription by Pol I and Pol III & maturation of the products		367, 412-414, 461-470
7-NOV	12	Translation	5	183-197
12-NOV	13	Post-transcriptional control of gene expression		439-440, 445-447, 451-461
14-NOV	14	Non-coding RNAs & Genome Editing	6	447-451, 264-266, 266-268
19-NOV	15	Recombinant DNA methods		234-237, 243-246, 249-251
21-NOV		Genomics	7	323-327, 247-250
26-NOV	16	Viruses		212-218, 1152
28-NOV	17	THANKSGIVING NO CLASS		
3-DEC	18	Cancer	8	1135-1168
5-DEC	19	Review		
12-DEC		**FINAL EXAM** 3-6PM		

*DATE - Classes are on Tues and Thurs from 2:00-3:20PM in PETER 108
#PAGES - In the text "Molecular Cell Biology, 8th Edition," Lodish et al., 2016