

Schedule and reading for BB2920-C17

Class meeting				Chapters covered:	Assignments due:
lecture	day	date	agenda		
1	Th	12-Jan	Syllabus; clicker distribution; Genetic variation		
2	F	13-Jan	Structure and nature of Chromosomes and DNA	Ch1, Ch 7.1-7.3, Ch12: 443-444	
	M	16-Jan	MLK Jr. Day - No Classes		
3	T	17-Jan	DNA replication	Ch 7.4 - 7.7	RQ1
C1	W	18-Jan	Conference 1		
4	Th	19-Jan	RNA transcription	Ch 8	
5	F	20-Jan	Protein translation and mutations	Ch 9, Ch 16.1-16.3	PS1
6	M	23-Jan	Gene isolation and manipulation (Cloning)	Ch 10	RQ2
7	T	24-Jan	Detecting and altering gene expression	Ch 8.5	
C2	W	25-Jan	Conference 2		
JC1	Th	26-Jan	Journal Club I: Gene Therapy		JCQ1
review	F	27-Jan	Exam 1 review		PS2
exam	M	30-Jan	Exam 1		
8	T	31-Jan	Cell division: mitosis and meiosis	appendix 2-1 and 2-2 (p83-85)	RQ3
C3	W	1-Feb	Conference 3		
9	Th	2-Feb	Single gene inheritance	Ch2	
10	F	3-Feb	Independent assortment of genes	Ch3	PS3
11	M	6-Feb	Linkage and recombination	Ch4	RQ4
12	T	7-Feb	Gene interactions	Ch6	
C4	W	8-Feb	Conference 4		
13	Th	9-Feb	Epistasis	Ch6	
JC2	F	10-Feb	Journal Club II: Cancer Genetics		JCQ2
review	M	13-Feb	Review 2		PS4
exam	T	14-Feb	Exam 2		
	W	15-Feb	no conference		
	Th	16-Feb	Academic Advising Day - No Classes		
14	F	17-Feb	Regulation of gene expression (bacterial)	Ch 11	RQ5
15	M	20-Feb	Regulation of gene expression (eukaryotic)	Ch 12	
16	T	21-Feb	Epigenetics	Ch 17	
C5	W	22-Feb	Conference 5		
17	Th	23-Feb	Genomes and Genomics	Ch 14	PS5
JC3	F	24-Feb	Journal Club III: Chromosome silencing and gene dosage		JCQ3
18	M	27-Feb	Population Genetics I	Ch 18	RQ6
19	T	28-Feb	Population Genetics II		
C6	W	1-Mar	Conference 6		
review	Th	2-Mar	Review 3		PS6
exam	F	3-Mar	Exam 3		

RQ = reading quiz

PS = problem set

JCQ = journal club quiz

*** please note: online quizzes will close at 3pm (class time) on the due date. Problem sets are due in class on the due date.