

5005 (CRF 092535) Molecular & Cell Biology - Fall 2007						Room
	Directors: Dan Liebermann & Judith Litvin (Daniels)	Liebermann	dan.liebermann@temple.edu	707-6903		
	Required Text: Molecular Biology of the Cell, Alberts et al.	Litvin	judith.litvin@temple.edu	707-2070	MRB 615	
	Topic	Faculty	E-mail	phone	1-3pm	
1	Overall cell structure	Paavola	jett@temple.edu	707-3194	9/4/07	P310
2	Gene Expression (GE): Intro., RNA, DNA, protein structure	Liebermann	dan.liebermann@temple.edu	707-6903	9/6/07	P310
3	Chromosome, chromatin, genome structure	Hoffman	barbara.hoffman@temple.edu	707-6902	9/11/07	P310
4	DNA replication and repair	Masker	wmasker@temple.edu	707-3973	9/13/07	P310
5	DNA replication and repair	Masker			9/18/07	P310
6	Transcription I- RNA polymerases, initiation, elongation/termination	DeRiel	jderiel@temple.edu	707-4347	9/20/07	P310
7	Transcription II- Regulation, RNA processing	DeRiel			9/25/07	P310
8	Translation, Post-translational Modification	DeRiel			9/27/07	P310
9	Regulation of protein degradation	Hanes			10/2/07	P310
10	Protein Trafficking	Paavola	jett@temple.edu	707-4457	10/4/07	P310
11	Midterm Exam				10/9/07	P310
12	Membrane structure	Chong	pchong02@temple.edu	707-4182	10/11/07	OMS 626
13	Membrane pumps and channels	Houser	steven.houser@temple.edu	707-3278	10/16/07	OMS 626
14	Cell signaling: An introduction	Dhanasekaran	danny.dhanasekaran@temple.edu	707-1914	10/18/07	OMS 626
15	Cell signaling: An introduction	Dhanasekaran			10/23/07	OMS 626
	Cell-cell interactions	Safadi	fsafadi@temple.edu	707-3168	10/25/07	OMS 626
16	Cell-matrix interactions	Safadi	fsafadi@temple.edu	707-5655	10/30/07	OMS 626
17	Cytoskeleton	Black	mark.black@temple.edu	707-3165	11/1/07	OMS 626
	Cell cycle control I	Grana	xavier@temple.edu	707-7416	11/6/07	OMS 626
19	Cell cycle control II	Grana			11/8/07	OMS 626
20	Cell differentiation: General concepts	Shore	scott.shore@temple.edu	707-3359	11/13/07	OMS 626
21	Cell differentiation: Hematopoiesis as a model system	Liebermann	dan.liebermann@temple.edu		11/15/07	OMS 626
22	Programmed cell death	Hoffman	barbara.hoffman@temple.edu		11/20/07	OMS 626
23	Cancer/Oncogenes/Tumor suppressor genes	Reddy	prem Kumar.reddy@temple.edu	707-4307	11/27/07	OMS 626
24	Cancer/Oncogenes/Tumor suppressor genes	Reddy			11/29/07	OMS 626
25	Cell Biology of Inflammation	Tsygankov	alexander.tsygankov@temple.edu	707-1745	12/4/07	OMS 626
26	Basic principles of Genetics and Genomics	Sapienza	carmen.sapienza@temple.edu	707-7373	12/6/07	OMS 626
27						
28	Final Exam				12/13/07	OMS 626
29	P=Pharmacy Bldg, third floor conference room					