

109-1 Advanced Molecular Biology

Professors : Ta-Chien Tseng, Song-Bin Chang, Yu-Chih Lo, Jan-Jong Hung, ,
Shih-Ming Lin, Guan-Da Syu,
Lin, Chien-Sheng Chen

Course Time: Thu 2-4 (9:10 am-12:00 pm)

Location: The Biotechnology Building 9F Rm. 89901

Professor: Song-Bin Chang 06-2757575 ext. 58120

email:sbchang@mail.ncku.edu.tw

Date	Course	Chapter	Professors
9/10	Introduction		Song-Bin Chang
9/17	No class		
9/24	Genes and Genomes	1-4	Song-Bin Chang
10/8	Genome Evolution and Chromosomes	5-6	Song-Bin Chang
	Chromatin (Online video)	7-8	Song-Bin Chang
10/15	The Replicon	9-10	Yu-Chih Lo
10/22	DNA Replication	11-12	Yu-Chih Lo
10/29	Recombination and Repair	13-14	Jan-Jong Hung
11/5	Transposons and Somatic Recombination	15-16	Jan-Jong Hung
11/12	Midterm Exam		Song-Bin Chang
11/19	Prokaryotic Transcription	17	Guan-Da Syu,
11/26	Eukaryotic Transcription	18	Guan-Da Syu,
12/3	RNA splicing and processing	19, 21	Ta-Chien Tseng
12/10	Regulatory RNA	29, 30	Ta-Chien Tseng
12/17	Eukaryotic Transcription Regulation	26	Shih-Ming Lin
12/24	Epigenetic effects	27,28	Shih-Ming Lin
12/31	mRNA stability and Localization Translation-Protein Synthesis	20 、 22	Song-Bin Chang
1/7	Final Exam		Song-Bin Chang

Textbook : Benjamin Lewin. 2018. Genes XII, Jones and Bartlett Publishers,
Inc. (NCKU medical School 3F, book store)