

109-1 Advanced Cell Biology 高等細胞生物學

Class Time: 1:10 ~ 4:00 PM, Wednesday

Classroom: Rm 602 at NCKU Medical College

Coordinator: 蔣輯武老師 (Ext. 3618)

Course Materials: Molecular Biology of the Cell by Alberts B et al (recent editions) and the relevant published materials given by each lecturer

Grading Criteria: Student participation and punctuality (20%), PBL assignment and panel discussion (20%), one mid-term (30%) and one final exam (30%)

方法	百分比 (%)	閱讀、理解與運用專業知識	彙整新知與良好的溝通能力	解決研究問題的能力
準時出席與參與課程 Q/A 討論	20	V	V	V
PBL assignment and panel discussion	20	V	V	V
期中考 Midterm Exam	30	V	V	V
期末考 Term exam	30	V	V	V

課程進度 Course Progress Outline

日期	週次 Week	進度說明 Progress Description	Lecturer
9/9	1	Introduction	蔣輯武/Chiang, Chi-Wu
9/16	2	Plasma membrane	蔣輯武/Chiang, Chi-Wu
9/23	3	Cytoskeleton and cell movement	蔣輯武/Chiang, Chi-Wu
9/30	4	Endomembrane systems and organelles	蔣輯武/Chiang, Chi-Wu
10/7	5	Cell cycle and its control system	陳韻雯/Chen, Yun-Wen
10/14	6	Cell death	蔣輯武/Chiang, Chi-Wu
10/21	7	Cell adhesion and extracellular matrix	邱文泰/Chiu, Wen-Tai
10/28	8	Mid-term exam	蔣輯武/Chiang, Chi-Wu
11/4	9	Cell-cell communication	邱文泰/Chiu, Wen-Tai
11/11	10	School holiday	
11/18	11	Germ cells and fertilization	張文榮/Chang, Wen-Tsan
11/25	12	Development and organogenesis	陳昌熙/Chen, Chang-Shi
12/2	13	Immunity	王憲威/Wang, Shainn-Wei
12/9	14	Nerve system	張雅雯/Chang, Alice Y.W.
12/16	15	Pathogen and host interaction	鄧景浩/Teng, Ching-Hao
12/23	16	Cancer	陳玉玲/Chen, Yuh-Ling
12/30	17	Final exam	蔣輯武/Chiang, Chi-Wu