

109-1 General Cell Biology 基礎細胞生物學

Class Time: 3:10 ~ 6:00 PM, Tuesdays

Credits: 3 hours

Classroom: Rm 208 at NCKU Medical College

Coordinator: Dr Chu, Chun-Hsien/朱俊憲 (Ext. 3592)

Course Materials: Molecular Biology of the Cell by Alberts B et al (5th or 6th editions) and the relevant published materials given by each lecturer

Grading Criteria: Student participation and punctuality (20%), assignment and panel discussion (20%), mid-term (30%) and PBL-based final (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
Problem-based assignments and panel discussion	20	V	V	V
期中考 Mid-term	30	V	V	V
期末考 PBL-based final	30	V	V	V

課程進度 Course Progress Outline

日期	週次 Week	進度說明 Progress Description	Lecturer
9/8	1	Introduction	Chu, Chun-Hsien/朱俊憲
9/15	2	Plasma membrane	Chiang, Chi-Wu/蔣輯武
9/22	3	Cytoskeleton and cell movement	Huang, Po-Hsien/黃柏憲
9/29	4	Endomembrane systems and organelles	Chiang, Chi-Wu/蔣輯武
10/6	5	Cell cycle and its control system	Chen, Yun-Wen/陳韻雯
10/13	6	Cell death	Chang, Chih-Peng/張志鵬
10/20	7	Cell adhesion and extracellular matrix	Yeh, Yi-Chun/葉儀君
10/27	8	Mid-term	Chu, Chun-Hsien/朱俊憲
11/3	9	Cell-cell communication	Chiu, Wen-Tai/邱文泰
11/10	10	Stem cell self-renewal and pluripotency	Wang, Yang-Kao/王仰高
11/17	11	Immunity	Wang, Shainn-Wei/王憲威
11/24	12	Nerve system	Chu, Chun-Hsien/朱俊憲
12/1	13	Pathogen and host interaction	Teng, Ching-Hao/鄧景浩
12/8	14	Cancer	Kuo, Yi-Zih/郭怡孜
12/15	15	Panel discussion	Chu, Chun-Hsien/朱俊憲
12/22	16	PBL-based final	Chu, Chun-Hsien/朱俊憲