

Advanced Bacteriology

高等細菌學

Spring, 2015

Thursday 9:10-12:00 am.; 11th floor, conference room

Date	Topic	Lecturer
2/26	An overview	何 漣 漪
3/5	Structure and function of bacterial cell parts	鄧 景 浩
3/12	Bacterial growth	橋本昌征
3/19	Bacterial chromosomes and plasmids	橋本昌征
3/26	Cell division	鄧 景 浩
4/9	Genetic exchange and recombination	鄧 景 浩
4/16	Signaling in and between bacterial cells	黃 一 修
4/23	Transport across cell membrane	何 漣 漪
4/30	Motility and chemotaxis	何 漣 漪
5/7	Microbial genomics	鄧 景 浩
5/14	Microbial diversity	陳 振 暉
5/21	Antibiotic resistance	顏 經 洲
5/28	Bacterial pathogenesis (I)	黃 一 修
6/4	Bacterial pathogenesis (II)	黃 一 修
6/11	Bacterial pathogenesis (III)	黃 一 修
6/18	Panel discussion	何 漣 漪

Course coordinator: 何 漣 漪 (ext. 5635)

There will be lecture and paper discussion or oral presentation for each topic. The students will be graded based on their performance in paper discussion, oral presentation and term paper.