

Advanced Bacteriology

高等細菌學

Spring, 2018

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

Date	Topic	Lecturer
3/1	Introduction.	黃一修
	Lecture: Structure and function of bacterial cell parts	鄧景浩
3/8	Presentation: Structure and function of bacterial cell parts	鄧景浩
	Lecture: Bacterial growth	橋本昌征
3/15	Presentation: Bacterial growth	黃一修
	Lecture: Transport across cell membrane	黃一修
3/22	Presentation: Transport across cell membrane	黃一修
	Lecture: Cell division	鄧景浩
3/29	Presentation: Cell division	鄧景浩
	Lecture: Bacterial chromosomes and plasmids	橋本昌征
4/12	Presentation: Bacterial chromosomes and plasmid	橋本昌征
	Lecture: Secretion systems	黃一修
4/19	Presentation: Secretion systems	黃一修
	Lecture: Genetic exchange and recombination	鄧景浩

4/26	Presentation: Genetic exchange and recombination	鄧景浩
	Lecture: Microbial genomics	鄧景浩
5/3	Presentation: Microbial genomics	鄧景浩
	Lecture: Signaling in and between bacterial cells	黃一修
5/10	Presentation: Signaling in and between bacterial cells	黃一修
	Lecture: Motility and chemotaxis	陳振暉
5/17	Presentation: Motility and chemotaxis	陳振暉
	Lecture: Adhesive elements	黃一修
5/24	Presentation: Adhesive elements	黃一修
	Lecture: Exotoxins	黃一修
5/31	Presentation: Exotoxins	黃一修
	Lecture: Antibiotic resistance	陳振暉
6/7	Presentation: Antibiotic resistance	陳振暉
	Lecture: Microbiota	陳振暉
6/14	Presentation: Microbiota	陳振暉
6/21	Student individual presentation	黃一修

Course coordinator: 黃一修 (ext. 5582) ihsiuhuang@mail.ncku.edu.tw

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.