

2017 微生物致病機轉 (106 學年度秋季)

醫學檢驗生物技術、分子醫學研究所、基醫所

時間：星期一, 10:10-12:00 (二學分)

地點：醫學院 301D

課程協調人： 鄧景浩/細菌領域 (4595)，王憲威/病毒領域(4218) (分醫所)
王貞仁(5786) (醫技所, sabbatical leave)

No.	Date	Topics	Lecturer
1.	09/18	An overview of bacterial pathogenesis	鄧景浩
		Bacterial adhesion and invasion of host cells	
2.	09/25	Antibacterial agents and resistant mechanism	Masayuki Hashimoto
3.	10/02	Applications of bioluminescence imaging on infectious diseases	蔡佩珍
4.	10/16	Exotoxins	黃一修
5.	10/23	TBD	陳振暉
6.	10/30	An overview of protozoan pathogenesis	胥直利
7.	11/06	Pathogenesis of amoebiasis	林威辰
8.	11/13	Midterm Exam	鄧景浩
9.	11/20	Acute phase response in infection	劉清泉
10.	11/27	An overview of viral pathogenesis	黃聖文
11.	12/04	Virus and host interaction	王憲威
12.	12/11	Viral hepatitis	楊孔嘉
13.	12/18	Viral evasion	王憲威
14.	12/25	Immunopathogenesis of viral infections	張志鵬
15.	01/08	Viral oncogenesis	劉校生
16.	01/15	Final Exam	王憲威

References :

1. Viral Pathogenesis and Immunity, Neal Nathanson ed. 2002, Lippincott Williams & Wilkins.
2. Field's Virology, David M. Knipe, Peter M. Howley ed., 6th ed, 2013, Lippincott Williams & Wilkins.
3. Bacterial Pathogenesis: A Molecular Approach, Brenda A. Wilson and Abigail A. Salyers, 3rd edition, 2010, ASM Press.

Grading: Written examinations and/or assigned written report; Midterm Exam (50%), Final Exam (50%)

20170821rev