**2013微生物致病機轉 (102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：醫技所 (5777)

課程協調人： 王貞仁(5786) (醫技所)

鄧景浩 (4595)，王憲威(4218) (分醫所)

# No. Date Topics Lecturer

1. 9/16 An overview of bacterial pathogenesis 鄧景浩
2. 9/23 Antibacterial agents and resistant mechanism 顏經洲
3. 9/30 Applications of bioluminescence imaging on infectious diseases 蔡佩珍
4. 10/07 Endotoxins 何漣漪
5. 10/14 Exototin  黃一修
6. 10/21 Bacterial adhesion and invasion of host cells 鄧景浩
7. 10/28 An overview of protozoan pathogenesis 胥直利
8. 11/04 Immunity evasion by antigenic variation 胥直利
9. 11/18 Midterm Exam  鄧景浩
10. 11/25 An overview of viral pathogenesis 王貞仁
11. 12/02 Acute phase response in infection 劉清泉
12. 12/09 Virus and host interaction 王憲威
13. 12/16 Viral hepatitis 楊孔嘉
14. 12/23 Viral evasion 王憲威
15. 12/30 Viral oncogenesis 楊孔嘉
16. 1/06 Immunopathogenesis of viral infections **林秋烽**
17. 1/13 Final Exam 王貞仁

References：

1. Viral Pathogenesis and Immunity, Neal Nathanson ed. 2002, Lippincott Williams & Wilkins.
2. Field's Virology, David M. Knipe, Peter M. Howley ed., 5th ed, 2007, Lippincott Williams & Wilkins.
3. Bacterial Pathogenesis: A Molecular Approach, Salgers & Whitt 2002, ASM Press.
4. Cellular Microbiology, Cossart et al. 2000, ASM Press.

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

2013/9/2 v3