**2021微生物致病機轉 (110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： 王貞仁(5786) (醫技所)

鄧景浩 (4595)，王憲威(4218) (分醫所)

# No. Date Topics Lecturer

1. 09/20\* An overview of bacterial pathogenesis 鄧景浩
2. 09/27 Bacterial adhesion and invasion of host cells (Webex) 鄧景浩
3. 10/04 How bacteria escape neutrophil extracellular traps 許淑美
4. 10/18 Antibacterial agents and resistant mechanism 橋本昌征
5. 10/25 Role of cytotoxins in bacterial infectious diseases  羅宏仁
6. 11/01 Pathogenesis of amoebiasis 林威辰
7. 11/08 Pathogenesis of *Mycobacterium tuberculosis*  陳振暐
8. 11/15 Midterm Exam 鄧景浩
9. 11/22 An overview of viral pathogenesis 王貞仁
10. 11/29 Acute phase response in infection 劉清泉
11. 12/06 Virus and host interaction 王憲威
12. 12/13 Viral hepatitis 楊孔嘉
13. 12/20 Viral evasion 王憲威
14. 12/27 Immunopathogenesis of viral infections 張志鵬
15. 01/03 Immune responses in the animal model 凌斌
16. 01/10 Final Exam 王貞仁

\*9/20 and 9/27 will be Webex on line course. The link of the course will be announced later on moodle.

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, 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%)

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