

Clinical Microbiology 2022

Department of Medical Laboratory Science and Biotechnology, NCKU

Course Coordinator: 阮振維

Time: **Thursday (T) 8:10-10:00 AM**

上課教室：醫技系 3 樓 5776 教室

No.	Date		Topic	老師	Chap.
1.	2/17	T	General concept to clinical microbiology	阮振維	1
2.	2/24	T	GPB	阮振維	7-9; 11
3.	3/3	T	GPC	蔡佩珍 (線上授課)	3-5
4.	3/10	T	<i>Enterobacteriaceae</i>	阮振維	12
5.	3/17		Gram negative cocci & Nonfermentative Gram-negative bacilli	洪元斌	
6.	3/24	T	Midterm Examination I (No. 1-6)	阮振維	6 & 13
7.	3/31	T	Spring Break		
8.	4/7	T	Mycobacteria	蔡佩芳	10
9.	4/14	T	Anaerobic bacteria	蔡佩珍 (線上授課)	16-17
10.	4/21	T	Gram negative curve bacteria & Fastidious Gram negative bacteria	阮振維	14-15
11.	4/28	T	Mycology	吳綺容	21
12.	5/5	T	Midterm Examination II (No. 8-11)	阮振維	
13.	5/12	T	<i>Mycoplasma</i> and <i>Ureaplasma</i> <i>Chlamydia</i> , <i>Rickettsia</i> , and <i>Coxiella</i>	阮振維	18-20
14.	5/19	T	Antimicrobial agents and susceptibility testing	蔡佩珍 (線上授課)	22
15.	5/26	T	The applications of NGS in clinical microbiology	阮振維	
16.	6/2	T	Automatic system in clinical microbiology	林慧軒 (線上授課)	
17.	6/9	T	Final Examination (No. 13-16)	阮振維	

Grading Policy :

Midterm Examination I & II 各 30%，Final Examination 佔 40%，總分共 100 分。

Required Text:

臨床微生物學—細菌與黴菌學/吳俊忠 總校閱，第七版，2019，五南圖書出版公司

Suggested reference Texts:

Textbook of diagnostic microbiology / Connie R. Mahon, Donald C. Lehman, and George Manuselis. 5rd ed. 2014, by Saunders

Bailey & Scott's diagnostic microbiology ---13th ed. 2013, by Mosby, Inc

Koneman's color atlas and textbook of diagnostic microbiology / Washington C. Winn Jr. et al.-- 6th ed. 2006, by J. B. Lippincott Co.