

# Clinical and Diagnostic Virology 2018

Department of Medical Laboratory Science and Biotechnology

College of Medicine, National Cheng Kung University

**Course instructor:** Assistant Professor Huey-Pin Tsai (蔡慧頻助理教授),

Rm #5775B, ext. 5772, 2653

**Time:** Tuesday: am10:10-12:00 **Place:** Rm# 5761

<b>Date</b>	<b>Lecturer</b>	<b>Topics</b>
2/27	蔡慧頻	Introduction to diagnostic virology Properties and classification of viruses Specimen collection, transport, and Processing Laboratory safety and quality assurance
3/06	蔡慧頻	Methods commonly used for lab diagnosis of viruses (I)
3/13	蔡慧頻	Methods commonly used for lab diagnosis of viruses (II)
3/20	蔡慧頻	Adenoviridae Herpesviridae
3/27	黃聖文	Orthomyxoviridae Paramyxoviridae Rubella virus
4/10	蔡慧頻	<b>Midterm exam</b> (考試範圍 2/27-3/27)
4/17	王雅芳	Picornaviridae Reoviridae
4/24	蔡慧頻	Retroviridae Coronaviridae Parvoviridae
5/01	楊孔嘉	Hepatitis viruses
5/08	王雅芳	Arboviruses Roboviruses (Bunyaviridae, Arenaviridae) Filoviridae Rhabdoviridae
5/15	王雅芳	Poxviridae Papovaviridae Prion
5/22	蔡慧頻	<b>Final exam</b> (考試範圍 4/17-5/15)

Grade: Midterm exam 50% Final exam 50%

## **Reference books:**

1. Hsiung's Diagnostic Virology, G. D. Hsiung, C. K. Y. Fong, M. L. Landry ed.4th edition. 1994. Yale Univ. Press.
2. Medical Virology. D. O. White and F. J. Fenner. 4th ed. 1994. Academic Press.
3. Essentials of Diagnostic Virology. G. A. Storch. 2000. Churchill Livingstone.
4. Clinical Virology Manual, S. Specter, R. L. Hodinka, S. A. Young ed. 4th edition. 2009 ASM press.
5. Manual of Clinical Microbiology, Volume 2. James H. Jorgensen and Michael A. Pfaller (Editors in Chief) 11th ed. 2015. ASM Press.