## Clinical and Diagnostic Virology 2014

Department of Medical Laboratory Science and Biotechnology

College of Medicine, National Cheng Kung University

**Course instructor**: Dr. Jen-Ren Wang (王貞仁), Rm #5786, ext. 5786

**Time**: Tuesday: am10:10-12:00

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| **Date** | **Lecturer** |  |
| 2/18 | 王貞仁 | Introduction to diagnostic virology  Properties and classification of viruses  Specimen collection, transport, and Processing  Laboratory safety and quality assurance |
| 2/25 | 王貞仁 | Methods commonly used for lab diagnosis of viruses (I) |
| 3/04 | 王貞仁 | Methods commonly used for lab diagnosis of viruses (II) |
| 3/11 | 王貞仁 | Adenoviridae  Herpesviridae |
| 3/18 | 王貞仁 | Orthomyxoviridae Paramyxoviridae  Rubella virus |
| 3/25 |  | ***Midterm exam*** (考試範圍2/18-3/25) |
| 4/08 | 王貞仁 | Picornaviridae  Reoviridae |
| 4/15 | 林貴香  (高醫) | Arboviruses  Roboviruses (Bunyaviridae, Arenaviridae) Filoviridae  Rhabdoviridae |
| 4/22 | 楊孔嘉 | Hepatitis viruses |
| 4/29 | 王貞仁 | Retroviridae Coronaviridae |
| 5/06 | 王貞仁 | Parvoviridae  Poxviridae  Papovaviridae  Prion |
| 5/13 |  | ***Final exam*** (考試範圍4/08-5/06) |

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 Versalovic ed. 10th ed. 2011. ASM Press.