

開課老師:陳小梨(736R) ext 8289

課程及實驗負責老師:蔡錦華(714R) ext 8298、賈景山(713R) ext 8222

Lecture Fri. AM 10:20 - 12:10

Laboratory Tue. PM 2:20 - 5:20

基醫大樓 302 講堂

先至 302 講堂講解, 再至四東實驗室做實驗

February

- 22 陳小梨 1 Introduction to microbiology
王萬波 2 Bacterial morphology and structure
- 29 王萬波 3 Bacterial physiology

March

- 07 賈景山 4 Microbial genetics and bacteriophages
董馨蓮 5 Action of physical and chemical agents on microbes
- 14 董馨蓮 6 Antimicrobial agents
- 21 江伯倫 7 (i) Immune system
8 (ii) Antibody and B lymphocytes
- 28 江伯倫 11 (v) Complement and inflammatory response
12 (vi) Infection, hypersensitivity and transplantation

April

- 11 鄧述諄 14 Fungi and fungal diseases (I)
15 Fungi and fungal diseases (II)
- 18 林稚容 16 Enterobacteriaceae
17 Small gram-negative bacilli and curved bacteria

25 期中考時間 AM 10:20~11:40 範圍(1~15)**May**

- 02 鄧述諄 18 Spore-forming bacilli
李財坤 19 Mycobacteria and Corynebacteria
- 09 王維恭 20 Spirochetes and Mycoplasmas
葉秀慧 21 Rickettsiae and Chlamydiae
- 16 李財坤 22 Pathogenic cocci (1)
23 Pathogenic cocci (2)
- 23 陳美如 24 Viruses (1)
25 Viruses (2)
- 30 陳美如 26 Viral diseases (1)
27 Viral diseases (2)

June

- 06 陳美如 28 Viral diseases (3)
29 Viral diseases (4)
- 13 王維恭 30 Viral diseases (5)
江晃榮 31 Biological products

20 期末考時間 AM 10:20~11:40 範圍(16~31)

Textbook : Medical Microbiology (5th) Patrick R. Murray et al., 2005

Cellular and Molecular Immunology (6th) Abul K. Abbas et al., 2007

Basic Immunology: Functions and Disorders of the Immune System (2nd) Abul K. Abbas et al., 2006

上課老師 - 依演講及實習併列時所出現之次序

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|----------|----------|-----------|-----------|------------|------------|
| 1.蔡錦華 教授 | 2.賈景山 教授 | 3.陳小梨 教授 | 4.王萬波 教授 | 5.董馨蓮 副教授 | 6.江伯倫 教授 |
| 7.鄧述諄 教授 | 8.林稚容 博士 | 9.李財坤 副教授 | 10.王維恭 教授 | 11.葉秀慧 副教授 | 12.陳美如 副教授 |

February

- 19 蔡錦華 General instructions
賈景山 Check in
- 26 王萬波 (02) Microbes in environment
(03) Inoculation of culture media

March

- 04 王萬波 (05) Simple stain
(06) Gram stain
- 11 董馨蓮 (09) Action of physical agents on microbes
(10) Action of chemical agents on microbes
- 18 董馨蓮 (11) Antibiotic sensitivity test -- paper disc method
(12) Antibiotic sensitivity test -- agar dilution method
- 25 江伯倫 9 (iii) MHC and T lymphocytes
(Lecture) 10 (iv) Cellular mediators and immune regulation

April

- 01 江伯倫 13 (vii) Tumor and autoimmune disease
(Lecture) 免疫學討論
- 08 董馨蓮 (07) Bacteriophages
- 15 鄧述諄 (33-37) Fungi

- 22 林稚容 (24) Bacteriological examination of water (I)
(23) Enterobacteriaceae (I)

- 29 林稚容 (24) Bacteriological examination of water (II)
(23) Enterobacteriaceae (II)

May

- 06 鄧述諄 (26) Spore stain
李財坤 (27) Acid-fast stain
- 13 王維恭 (30) Spirochetes (demo)
(32) Mycoplasma
- 20 李財坤 (17-18) Staphylococci, Streptococci (demo)
(19-20) Pneumococci, Neisseriae (demo)
- 27 陳美如 Virological methods (demo)

June

- 03 蔡錦華 Outbreak ” (video)
Check out

10 FINAL LAB EXAMINATION

