



Certificate Course in Medical Microbiology 2020

医学微生物学证书课程 2020

Department of Microbiology, The Chinese University of Hong Kong

香港中文大学微生物学系



Background

The Department of Microbiology has been organizing annual summer course on Medical Microbiology for young scientists from Mainland China since 1998. Two reunion conferences were held in Shanghai and Nanjing respectively in 2005 and 2007. Every year the response to this course is overwhelming. Since 2013, this course has been upgraded to a university certificate course.

Objectives

- To advance the knowledge in basic principles and contemporary techniques in medical microbiology & virology
- To understand the practice of medical microbiology & virology in a developed healthcare setting
- To enhance technical expertise in medical microbiology & virology
- To familiarize with clinical laboratory management and accreditation systems

Target Participants

This course is targeted for laboratory personnel working in the field of medical microbiology & virology in Mainland China. Applicants from other disciplines and from elsewhere may be considered on a case-by-case basis.

Study Period & Venue

10 – 23 June 2020, full-time

Prince of Wales Hospital, Shatin, New Territories, Hong Kong SAR

Entry Requirements

Applicants should possess a Bachelor of Science degree or equivalent and currently working in the relevant field. Application should be endorsed by supervisors.

Format of Teaching

Lectures, workshops, laboratory visits, demonstrations and interactive discussion

Application deadline

30 November 2019

Places are limited. Registration will be available on a first-come-first-served basis.

Official acceptance of registration will be issued to successful applicants in mid Dec 2019.

Fees

Application fee: HK\$100.00 (non-refundable)

Course fee: HK\$4,000.00 (**accommodation fee is NOT included***)

(Course fee must be paid within 14 days after the issuance of official acceptance of registration.)

Farewell dinner fee: HK\$250 (optional)

* **Participants should arrange their accommodation themselves.** Upon request, single or twin occupancy hotel room in nearby hotels can be arranged. The following room rates are for general reference only.

Single occupancy: approximately HK\$800 per head per night

Twin occupancy: approximately HK\$400 per head per night

Course Programme

- Laboratory quality and accreditation
- Infection control and laboratory safety
- Clinical specimens: investigation approaches and techniques
- Common human viral infections
- Approaches in diagnostic virology
- Rapid microbial detection techniques
- Molecular basis of antibiotic resistance
- Molecular detection of antibiotic resistance
- Contemporary issues in fungal infections
- Mycology workshop
- Applied molecular techniques in clinical microbiology
- Principles and applications of next generation sequencing
- Principles and applications of bioinformatics
- Microbiota and microbiome
- Infectious diseases: epidemiology, surveillance and outbreak investigation
- Emerging infectious diseases
- Healthcare workers and HIV
- Research and experience sharing

Language

The official language of instruction is English. Cantonese and Putonghua may be used as appropriate in the discussion sessions.

Graduation Requirement

A **Certificate of Completion** will be issued to students with:

- An overall attendance of 70% and
- A passing score of 50% in the written examination

For students not fulfilling 70% attendance or not attaining the passing score in the written examination, a **Certificate of Attendance** will be issued.

Contact Information

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