

POSTGRADUATE COURSE
IN
DIAGNOSTIC MYCOLOGY
April 29 – May 09, 2008

Department of Medical Microbiology
College of Public Health
University of the Philippines Manila

PRE-REGISTRATION FORM

Dr./Prof./Mr./Ms.: _____

Position: _____

Office Address: _____

Mailing Address: _____

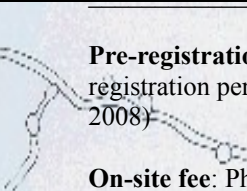
Tel. No.: _____

Fax No.: _____

Email: _____

Cellphone: _____

Organization/s: _____



Pre-registration fee: Php 6,500.00 (Pre-registration period is on or before April 11, 2008)

On-site fee: Php 7,000.00

SLOTS STRICTLY LIMITED TO 40 PARTICIPANTS ONLY

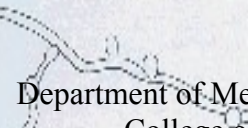
OBJECTIVES

Department of Medical Microbiology
College of Public Health, UP Manila
625 Pedro Gil St., Ermita Manila 1000



POSTGRADUATE
COURSE IN
**DIAGNOSTIC
MYCOLOGY**

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Department of Medical Microbiology
College of Public Health
UNIVERSITY OF THE PHILIPPINES MANILA

625 Pedro Gil St., Ermita Manila
P.O. Box, EA-460, Manila
Tel. No. 632-525-5874



TOPICS

General Objectives:

To acquire knowledge about mycotic diseases of medical importance with emphasis on disease epidemiology, etiology, pathogenesis and laboratory diagnosis.

Specific Objectives:

At the end of the course, the student should be able to:

1. Identify the etiologic agents of superficial, cutaneous, subcutaneous, systemic and opportunistic mycoses.
2. Identify and describe the clinical disease for each of the mycoses discussed.
3. Describe the colonial and microscopic morphology of common fungal agents.
4. Describe the proper methods for specimen collection.
5. Perform appropriate laboratory procedures for direct examination, isolation and identification of fungal agents.
6. Interpret laboratory findings.
7. Name and discuss the mechanism of action of drugs used to treat fungal infections.
8. Practice safety precautions in the laboratory.

The course consists of lecture (8:30-12:00nn) and laboratory (1:30-5:00 p.m.) sessions, TWF. Written and practical examinations will be administered at the end of the course. Based on the results of the examinations, qualified participants will be awarded Certificates of Participation/Attendance.

LECTURE TOPICS:

1. Principles of Basic Mycology
2. Diagnostic Mycology
3. Superficial Mycoses
4. Cutaneous Mycoses
5. Subcutaneous Mycoses
6. Systemic Mycoses
7. Opportunistic Mycoses
8. Immunology of Mycotic Infections
9. In-vitro sensitivity testing of anti-fungal drugs

LABORATORY SESSIONS:

1. Isolation and identification of fungi in the environment
2. Study of superficial fungal elements
3. Study of dermatophytes
4. KOH Mount
5. In-vitro hair culture
6. Study of *Sporothrix schenckii*, and agents of chromoblastomycosis
7. Study of *Candida albicans*: germ tube test and API test for yeast identification
8. Study of agents of systemic mycoses (*Cryptococcus neoformans*, *Histoplasma capsulatum*, *Blastomycosis dermatidis*, *Paracoccidioides brasiliensis*, and *Coccidioides immitis*)
9. Study of contaminants and agents of opportunistic mycoses

Each participant may also perform fungal culture and isolation for a patient with suspected cutaneous mycoses **for free**.