



COURSE SPECIFICATION

(Advances in Mycobacteriology)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Programme for Postgraduate MD degree of Medical Microbiology and Immunology
(2) Department offering the programme.	Medical Microbiology and Immunology
(3) Department responsible for teaching the course.	Medical Microbiology and Immunology dep.
(4) Part of the programme.	Second part
(5) Date of approval by the Department`s council	7/8/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Advances in Mycobacteriology
(8) Course code.	MIC 607 MY
(9) Credit hours	2 Credit hours
(10) Total teaching hours.	30 h lectures.

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

To give the candidate recent and updated knowledge about
Mycobacteria

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

- A 1 Recognize characters of Mycobacteria.
- A 2 Describe pathogenesis of Mycobacteria.
- A3 Recognize different types of Mycobacteria.
- A 4 Describe the recent methods diagnosis of Mycobacteria,
- A 5 Recognize advantages & disadvantages of the recent methods of diagnosis of Mycobacteria.
- A 6 Describe the recent methods of treatment of Mycobacteria.
- A 7 Describe the recent methods of prevention of Mycobacteria.

B- Intellectual skills

- B1 Interpret the results of staining by acid fast alcohol fast stain
- B2 interpret Microscopic examination of smears
- B 3 interpret the results of tuberculin test
- B4 analyze the results of PCR for mycobateria from body fluid samples

(3) Course content.

Subjects	Lectures	Laboratory	Field
Pathogenesis of different types Mycobacteria	6 hours	-	-
Recent techniques in diagnosis of Mycobacteria	6 hours		
Advantages & disadvantages of the recent methods of diagnosis of Mycobacteria	6 hours		
Recent advances in treatment of Mycobacteria	6 hours		
Advanced technology in vaccines for tuberculosis	6 hours		

(4) Teaching methods.

4.1. Lectures

4.2. Seminars

4.3. Attending workshops and conferences

4.4 Observation of, assisting and discussion with senior medical staff

(5) Assessment methods.

5.1: Written exam for assessment of knowledge and intellectual ILOS

5.2: MCQ exam for assessment of knowledge and intellectual ILOS

Assessment schedule:

Assessment 1: Final MD exam after 6 semesters from MD registration

Assessment 2: MCQ at the end of each semester

Percentage of each Assessment to the total mark. (total microbiology course assessment)

Written exam...40 marks.

MCQ:..... 10 marks

Other assessment without marks.

1-Candidate Logbook which should be fulfilled and signed by Head of the department.

1- Attendance Criteria: Minimum acceptance attendance is 75%

(6) References of the course.

6.1. Hand books: Department theoretical books

6.2. Text books:...

Jawetz

6.3. Journals:

1. of microbiology

6.1. Websites:

1. Center for Disease Control -www.cdc.gov

2. World Health Organization- www.who.int

3. Infectious Disease Society of America- www.idsociety.org

1. Facilities and resources mandatory for course completion.

1. Lecture halls.

2. Data shows and computer assistance.
3. Microbiology laboratory.
4. Reagents for microbiological diagnosis.

Course coordinator: Dr. Dr Enas Hammad

Head of the department: Prof. Dr. Mohammad Abou El-ela

Date:

P.S. This specification must be done for each course.