Faculty of Pharmacy

Pharmaceutical Microbiology

Information :

Course Code :	PM 503	**Level :**	Undergraduate	**Course Hours :**	3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	Marwa Mahmoud Raafat Abdel Fadiel Hassan	3
Lecturer	Amr Ali Abass Ahmed Hemeda	1
Lecturer	Nada Anwar Abdelrazek Hegazy	1
Assistant Lecturer	Alaa Atef Fawzy Hassan	
Assistant Lecturer	Aya Mostafa Mahmoud Ghareeb	1
Teaching Assistant	Ashrakt Eslam Ahmed Header	

Description :

This course describes in details the physical and chemical methods for effective control of microbial growth in the field of pharmaceutical industry / hospitals. It includes different methods of sterilization, and validation of sterilization process. The course addresses classes and modes of action of chemotherapeutic agents and non-antibiotics antimicrobial agents including the new approaches to overcome bacterial resistance. The course includes microbiological evaluation of antibiotics and non- antibiotics. Laboratory procedures such enumeration and identification of microbial contaminants in commercial pharmaceutical products, sterility test and evaluation of antimicrobial effectiveness are also covered.

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