

Faculty of Pharmacy
General Microbiology and Immunology

Information :

Course Code : PM 301

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Associate Professor	MARWA ALI MOHAMED TAMMAM	3
Lecturer	Nada Anwar Abdelrazek Hegazy	3
Assistant Lecturer	Amr Ali Abass Ahmed Hemeda	
Assistant Lecturer	Aya Mostafa Mahmoud Ghareeb	
Teaching Assistant	Alaa Atef Fawzy Hassan	
Teaching Assistant	Nada Ahmed Hader Ahmed	

Description :

The course covers the fundamental aspects of microbiology including: taxonomy, structure, physiology, growth, reproduction and genetics. Basic techniques for staining and identifying microorganisms are emphasized in the laboratory. Moreover, it introduces the basic concepts of medical immunology, with an emphasis on host parasite relationship, non-specific and specific immunity including antibody and cell-mediated immunity. The course also covers antigen and antibody structure, function and types, complement system, active and passive immunization, in vitro antigen antibody reactions, hypersensitivity, immuno-deficiency, auto-immune disease and organ transplantation.