

**Faculty of Pharmacy**  
**Basic and Applied Immunology**

**Information :**

**Course Code :** PMI 413

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Pharmacy

**Instructor Information :**

Title	Name	Office hours
Professor	AMAL EMADELDINE ALI MOHAMED	8
Associate Professor	Marwa Mahmoud Raafat Abdel Fadiel Hassan	11
Lecturer	Sara Ahmed Zahran Mohamed Awad	3
Teaching Assistant	Aya Mostafa Mahmoud Ghareeb	6
Teaching Assistant	Alaa Atef Fawzy Hassan	

**Description :**

The course emphasizes the basic principles of host parasite relationship, factors of pathogenicity and virulence, the role of human immune system in health and disease. Factors involved in host response to foreign antigens and detection of disease based on antigen antibody reactions using various immunological methods. The course covers areas of relevant clinical-pathological interest, ranging from immune-hematology, lymphoid and neoplasms, to transplantation immunology (both solid organ and bone marrow transplantation), congenital immunodeficiencies, and immunopathogenesis of infectious diseases (including HIV, HBV, HCV, TB, etc.) vaccinology, cancer immunology, and immunotherapy.