

Faculty of Pharmacy

Biochemistry I

Information :

Course Code : PB 301

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	5
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Esraa Akram Helmi Ali Elhefnawy	
Assistant Lecturer	Suzan Magdy Ismaeil Ahmed	1
Assistant Lecturer	Salma Nasser Ali Hassan Amer	
Assistant Lecturer	Aya Ahmed Kamal Zayed	1
Assistant Lecturer	Mohamed Ahmed Mahmoud Salem	
Assistant Lecturer	Muhammad Muneeb Muhammad Abdulazeem	

Description :

Proteins (protein structure- types of simple, conjugated and derived proteins- functions of various proteins- some biologically important peptides) - Enzymology (enzyme characteristics and kinetics - regulation - enzyme inhibitors as drugs) - Hemoglobin and porphyrins (Hb derivatives and types- metabolism of Hb and regulation) - Biological oxidation (electron transport chain- oxidative phosphorylation and ATP synthesis - inhibitors and uncouplers- free radicals and antioxidants) - Nucleic acids (DNA replication- RNA transcription . Translation and protein synthesis).