

Faculty of Pharmacy

Biochemistry I

Information :

Course Code : PB 301

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	3
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	1
Assistant Lecturer	Sara Faisal Abdelaal Ahmed Haridy	
Assistant Lecturer	RANA KAMALALDIN AHMED ZAYED	1
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	1

Area Of Study :

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

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