

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
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	5
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	1
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	

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 . Áranslation 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 . Áranslation and protein synthesis