

**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	3
Assistant Lecturer	Suzan Magdy Ismaeil Ahmed	
Assistant Lecturer	Aya Ahmed Kamal Zayed	

**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

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