

Faculty of Pharmacy

Biochemistry II

Information :

Course Code : PB 402

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	4
Lecturer	Sara Faisal Abdelaal Ahmed Haridy	0
Lecturer	Salma Nasser Ali Hassan Amer	
Lecturer	Muhammad Muneeb Muhammad Abdulazeem	
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	
Teaching Assistant	Mennat Allah Saied Emam Hassan Elmlegy	

Description :

Energy production and other metabolic pathway of dietary fuels (carbohydrates, lipids and proteins) . Fate of proteins . Amino acids as precursors for biosynthesis of biomolecules. Carbohydrates (structure of glycoproteins and proteoglycans - glucose transporters) . Lipids (physiologically important lipid molecules . Cholesterol and steroids . Lipoprotein metabolism) - Integration of metabolism (Feed/fast cycle) . Nitrogen metabolism and nitrogen balance . Allosteric and hormonal regulation of metabolism.