

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
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	3
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	3
Assistant Lecturer	Mohamed Salah Attia Radwan Ali	

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.