

## Faculty of Pharmacy

### Biochemistry II

#### Information :

**Course Code :** PB 402

**Level :** Undergraduate

**Course Hours :** 4.00- Hours

**Department :** Pharm D

#### Instructor Information :

Title	Name	Office hours
Professor	Marwa Ismail Abdellatif Abou Shabayek	
Professor	Hebatallah Abdulmoaty Mohamed Mahmoud Darwish	
Associate Professor	Mai Mostafa Ahmed Mostafa Seleem	
Assistant Lecturer	Samar Hussein Ibrahim Mohamed	
Assistant Lecturer	Suzan Magdy Ismaeil Ahmed	

#### Area Of Study :

Energy production and other metabolic pathway of dietary fuels (carbohydrates, lipids and proteins) . ~~F~~ate of proteins . ~~A~~mino acids as precursors for biosynthesis of biomolecules. ~~C~~arbohydrates (structure of glycoproteins and proteoglycans - glucose transporters) . ~~L~~ipids (physiologically important lipid molecules . ~~C~~holesterol and steroids . ~~A~~ lipoprotein metabolism) - Integration of metabolism (Feed/fast cycle) . ~~N~~itrogen metabolism and nitrogen balance . ~~A~~ Allosteric and hormonal regulation of metabolism.

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