

**Faculty of Pharmacy**

**Medicinal Chemistry II**

**Information :**

**Course Code :** PC 608

**Level :** Undergraduate

**Course Hours :** 4.00- Hours

**Department :** Pharm D

**Instructor Information :**

Title	Name	Office hours
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	1
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	1
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	1
Lecturer	Yomna Ibrahim Hassan El Gazzar	
Lecturer	Iten Mamdouh Fawzy Abdelmotaleb	
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	1
Assistant Lecturer	EMAN MOHAMED FARAG MAHMOUD MORGAN	
Assistant Lecturer	Haitham Abbas Ali El Fiky	
Assistant Lecturer	Ola Gamal Hussein Farrag	
Teaching Assistant	Nourhan Hossam Mohamed Elsadek Elwan	
Teaching Assistant	Nourhan Hossam Mohamed Elsadek Elwan	
Teaching Assistant	Nada Essam Aboelezz Ali	

**Area Of Study :**

This course is tailored to assist the students to gain concrete knowledge about chemical structures, nomenclatures, interactions with the receptor binding sites (mechanism of action), structure activity relationships, synthesis and metabolic pathways of different chemical classes of various medicinal active agents which includes drugs affecting: the autonomic nervous system (ANS), cardiovascular system (CVS), central nervous system (CNS) and drugs affecting neurodegenerative disorders. Moreover, endocrine-related drugs (Diabetes, thyroid and steroidal hormones), antihistamines (H1, H2 blockers and anti-ulcer PPIs), drugs controlling pain and inflammation (NSAIDs) are also studied.

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