

Faculty of Pharmacy
Medicinal Chemistry I
Information :
Course Code : PC 507

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D

Instructor Information :

Title	Name	Office hours
Professor	Nasser Saad Mohamed Ismail	1
Professor	Nasser Saad Mohamed Ismail	1
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	1
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	
Lecturer	Yomna Ibrahim Hassan El Gazzar	
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Lecturer	Yomna Ibrahim Hassan El Gazzar	
Lecturer	DINA ABBAS AHMED MOSTAFA	
Lecturer	Iten Mamdouh Fawzy Abdelmotaleb	
Assistant Lecturer	Haitham Abbas Ali El Fiky	
Assistant Lecturer	MARYAM AHMED ABDELRAOUF BAKR	
Assistant Lecturer	EMAN MOHAMED FARAG MAHMOUD MORGAN	
Assistant Lecturer	Ola Gamal Hussein Farrag	
Assistant Lecturer	MONA NABIL MOHAMED HASSAN	
Assistant Lecturer	Dina Yousry Mohamed Kamel El Ansary	
Assistant Lecturer	MARYAM AHMED ABDELRAOUF BAKR	
Teaching Assistant	Aya Reda Aly Mohamed	
Teaching Assistant	Youmna Waheed Abdelnaeem Abdelhamid	
Researcher	J J Keating .	

Area Of Study :

The course includes the study of 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: Antibiotics, Anti-infective, Anthelmintics, Antifungal drugs, and others Chemotherapeutic agents. Finally, various Anticancer therapies, and related drugs are also covered. The practical course is designed to expose the students to various synthetic and purification techniques in medicinal chemistry and methods of determination of drug substance, dosage forms and purity tests

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