FUTURE UNIVERSITY IN EGYPT جامعة المستقبل

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
Associate Professor	ASMAA ABDELKERIM MANDOUR KHADR	2
Lecturer	MENNATALLAH ATEF SAAD ALY EWIDA	1
Teaching Assistant	Aya Reda Aly Mohamed	
Teaching Assistant	Nour elhouda Mohamed Nagieb Mohamed Abdelhamed	
Researcher	J J Keating .	

Area Of Study :

he 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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