

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 |
|---------------------|-------------------------------------|--------------|
| Associate Professor | ASMAA ABDELKERIM MANDOUR KHADR | 3 |
| Associate Professor | ASMAA ABDELKERIM MANDOUR KHADR | 3 |
| Associate Professor | Iten Mamdouh Fawzy Abdelmotaleb | |
| Lecturer | Yomna Ibrahim Hassan El Gazzar | 0 |
| Assistant Lecturer | Dina Yousry Mohamed Kamel El Ansary | |
| Assistant Lecturer | Esraa Akram Helmi Ali Elhefnawy | |
| Assistant Lecturer | Dina Yousry Mohamed Kamel El Ansary | |
| 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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