

Lecturer Title:

- 1- Cholinergic agents, cholinergic receptors and their subtypes.
- 2- Cholinergic agonists; stereochemistry and structure-activity relationships (SAR); products; cholinesterase inhibitors.
- 3- Cholinergic blocking agent; structure-activity relationships (SAR); Solanaceous alkaloid and analogues; synthetic cholinergic blocking agents and products; ganglionic blocking agents (neuromuscular blocking agents).
- 4- Analgesic agents (SAR of morphine, SAR of meperidine type molecules; SAR of methadone type compounds; N-methylbenzomorphans, antagonist type analgesics in benzomorphans).
- 5- Analgesic receptors, endogenous opioids; Products; Antitusive agents; Antiinflammatory analgesics.
- 6- Adrenergic agents (Adrenergic neurotransmitters); Adrenergic receptors; Drugs affecting Adrenergic neurotransmission; Sympathomimetic agents; Adrenergic receptor antagonists.
- 7- CNS depressant; Benzodiazepines and related compounds; Barbiturates; CNS depressant with skeletal muscle relaxant properties; Antipsycotics; Anticonvulsants.
- 8- CNS Stimulants
- 9- Steroidal & nonsteroidal hormones