

BIMM 118 - Pharmacology - David [SP24]

Please note that changes may occur during the quarter (particularly in the sequence of the lectures)

Lecture 1 (<https://canvas.ucsd.edu/courses/54862/files/12072678/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072678/download?download_frd=1)

Introduction; Terminology; History of Pharmacology; FDA; Clinical trials; etc.

Lecture 2 (<https://canvas.ucsd.edu/courses/54862/files/12072675/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072675/download?download_frd=1)

Pharmacokinetics 1: Drug Preparations; Absorption, Distribution, Metabolism and Elimination;
Drug/drug and Food/drug Interactions

Lecture 3 (<https://canvas.ucsd.edu/courses/54862/files/12072657/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072657/download?download_frd=1)

Drug Targets (Ion Channels, GPCR, RTKs, Nuclear receptors, etc.)

Lecture 4 (<https://canvas.ucsd.edu/courses/54862/files/12072649/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072649/download?download_frd=1)

Autonomous Nervous System (Cholinergic Agonists and Antagonists, Adrenergic Agonists and Antagonists)

Lecture 5 (<https://canvas.ucsd.edu/courses/54862/files/12072666/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072666/download?download_frd=1)

Cardiovascular Pharmacology

Lecture 6 (<https://canvas.ucsd.edu/courses/54862/files/12072671/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072671/download?download_frd=1)

Renal Pharmacology

Lecture 7 (<https://canvas.ucsd.edu/courses/54862/files/12072645/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072645/download?download_frd=1)

Gastrointestinal Pharmacology

Lecture 8 (<https://canvas.ucsd.edu/courses/54862/files/12072651/download?wrap=1>)_ ↓
(https://canvas.ucsd.edu/courses/54862/files/12072651/download?download_frd=1)

Pain-relieving Drugs (Anesthetics, Narcotic Analgesics, Local Anesthetics, NSAIDs)

[Lecture 9 \(https://canvas.ucsd.edu/courses/54862/files/12072667/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072667/download?wrap=1) ↓
(https://canvas.ucsd.edu/courses/54862/files/12072667/download?download_frd=1)

Immunomodulatory Drugs (Antihistamines, LT antagonists)

[Lecture 10 \(https://canvas.ucsd.edu/courses/54862/files/12072679/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072679/download?wrap=1) ↓
(https://canvas.ucsd.edu/courses/54862/files/12072679/download?download_frd=1)

Drugs Affecting Glucose and Cholesterol Metabolism

[Lecture 11 \(https://canvas.ucsd.edu/courses/54862/files/12072676/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072676/download?wrap=1) ↓
(https://canvas.ucsd.edu/courses/54862/files/12072676/download?download_frd=1)

Steroid Drugs (Adreno-corticoids, Sex-steroids)

[Lecture 12 \(https://canvas.ucsd.edu/courses/54862/files/12072672/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072672/download?wrap=1) ↓
(https://canvas.ucsd.edu/courses/54862/files/12072672/download?download_frd=1)

CNS-targeting Drugs (Anxiolytics, Antidepressants, Antiepileptics)

[Lecture 13 \(https://canvas.ucsd.edu/courses/54862/files/12072669/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072669/download?wrap=1) ↓
(https://canvas.ucsd.edu/courses/54862/files/12072669/download?download_frd=1)

Chemotherapy 1: Antibacterial Drugs

[Lecture 14 \(https://canvas.ucsd.edu/courses/54862/files/12072679/download?wrap=1\)](https://canvas.ucsd.edu/courses/54862/files/12072679/download?wrap=1) ↓
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Chemotherapy 2: Antifungal Drugs