

CHEM 4490 Drugs, Toxins Natural Products E2 Study list

Topic	Item
Antibiotics	1 Antibiotics-historical perspective
Antibiotics	2 Structure of bacterial & eukaryotic cells, viruses
Antibiotics	3 Antiseptics & Disinfectants
Antibiotics	4 Compounds that inhibit bacterial cellular metabolism
Antibiotics	5 Compounds that inhibit bacterial cell wall synthesis
Antibiotics	6 Compounds that affect bacterial plasma membrane integrity
Antibiotics	7 Compounds that inhibit bacterial protein synthesis
Antibiotics	8 Compounds that inhibit bacterial nucleic acid synthesis
Antibiotics	9 Antibiotic Resistance
Antibiotics	10 Antifungal compound mechanisms
Antibiotics	11 Antiprotozoal compound mechanisms
Antibiotics	12 Antihelminthic (worm) compound mechanisms
Antibiotics	13 Antiviral compounds - nucleic acid synthesis inhibitors
Antibiotics	14 Antiviral compounds - HIV proteases
Antibiotics	15 Antiviral compounds - interferons
Chemotherapy	16 Anticancer compounds - inhibitors of tumor cell metabolism
Chemotherapy	17 Anticancer compounds - compounds targeting nucleic acids
Chemotherapy	18 Anticancer compounds - inhibitors of cell division
Chemotherapy	19 Anticancer compounds - steroid agonists & antagonists
Chemotherapy	20 Anticancer compounds - interferons
Cholinergics	21 Overview of nervous system
Cholinergics	22 Overview of cholinergic signalling
Cholinergics	23 Acetylcholine action: somatic & autonomic receptors
Cholinergics	24 Acetylcholine: structure-activity relationships
Cholinergics	25 Cholinergic agonists
Cholinergics	26 Cholinergic antagonists
Cholinergics	27 Acetylcholinesterase & anticholinesterases