DEPTH OF BIOLOGY

Advance Pharmacology - 1

Unit-1

Q.1 Explain the following terms-

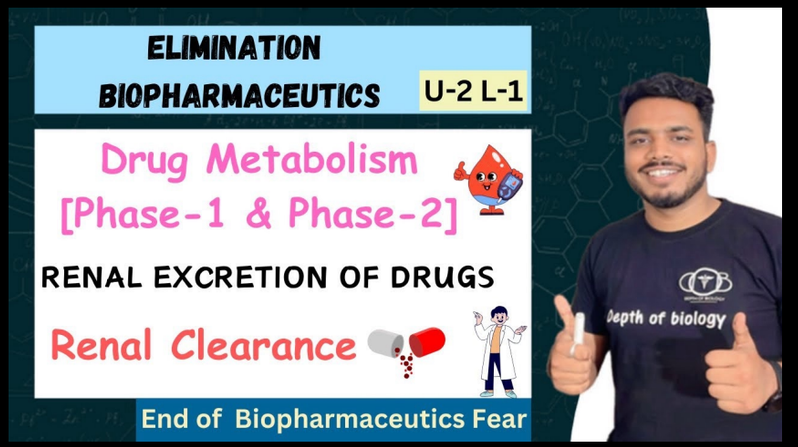
a). Absorption & Factor affecting absorption

b). Distribution of drug & factors affecting distribution

c). Biotransformation (Phase - 1 & Phase - 2 reactions)

d). Elimination & factors affecting elimination

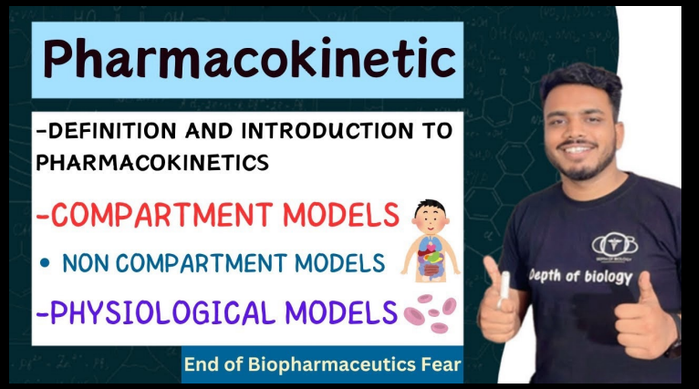




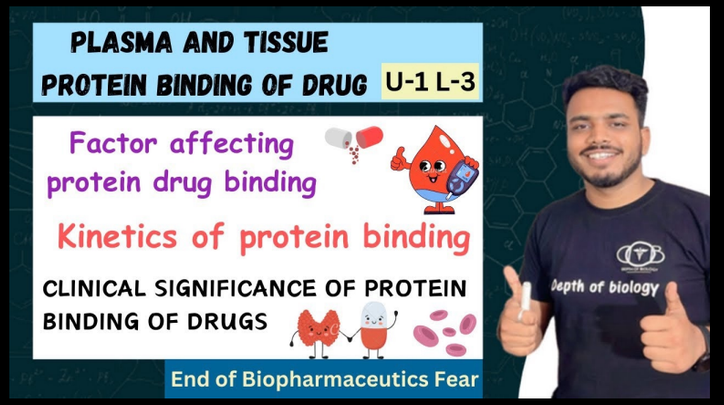
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Q.2 Concept of Linear & Non-Linear Pharmacokinetic model / Compartment Model ?



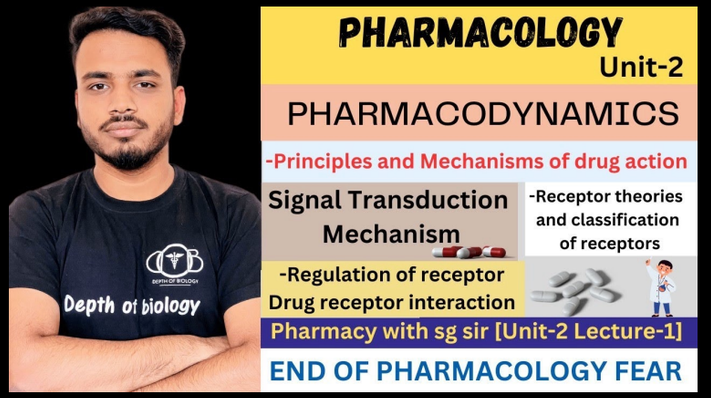
Q.3 Define protein binding its significance & Factors affecting ?



Q.4 Explain the following terms ?

a). Mechanism of drug action

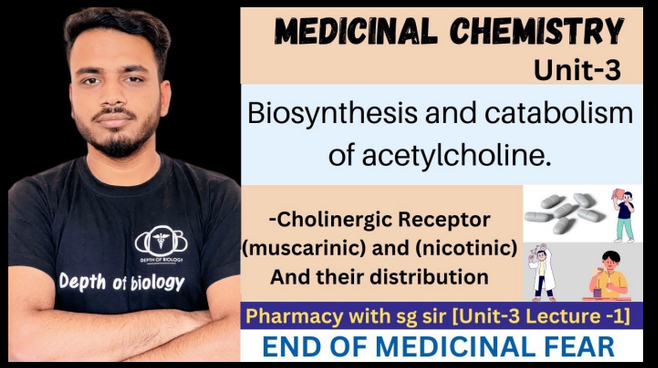
b). Quantitation of drug receptor interaction & elicited effects



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DEPTH OF BIOLOGY

Unit-2



Q.1 Neurohumoral transmission in ANS (Acetylcholine) ?

Q.2 Give a detailed note on Neurotransmitters, Co transmission & also explain Serotonin, Dopamine, Histamine, Glycine

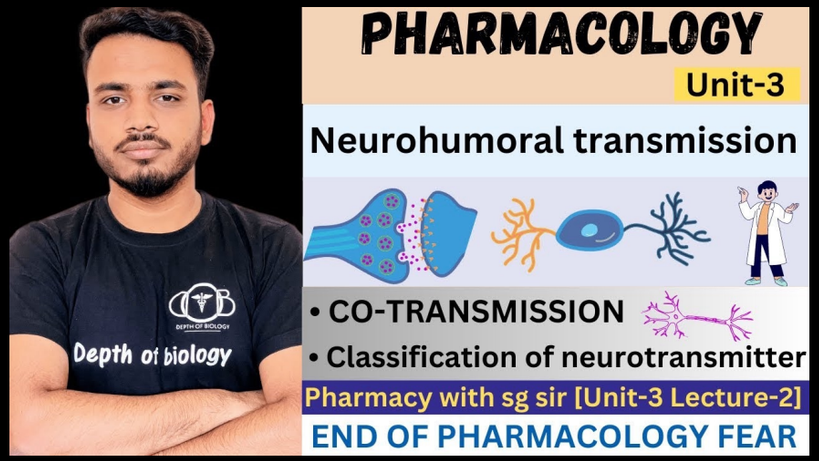
Q.3 Explain Non-Adrenergic Non-Cholinergic transmission (NANC) ?

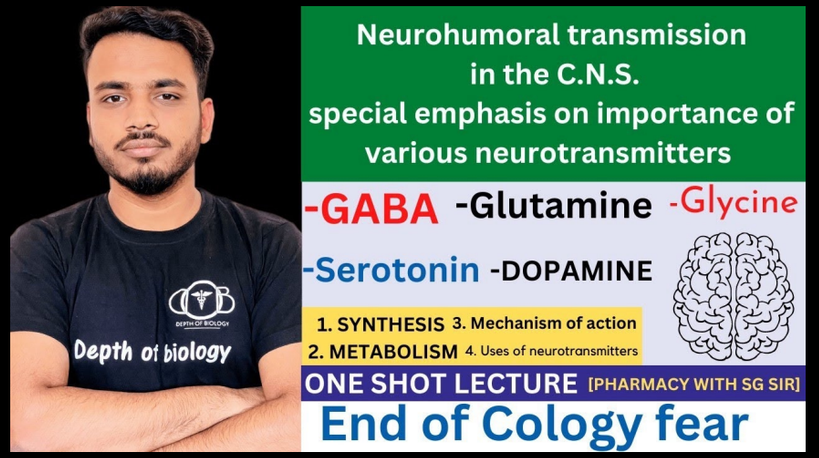
Q.4 Sympathomimetics & Sympatholytics, Parasympathomimetics & Parasympatholytics Agents

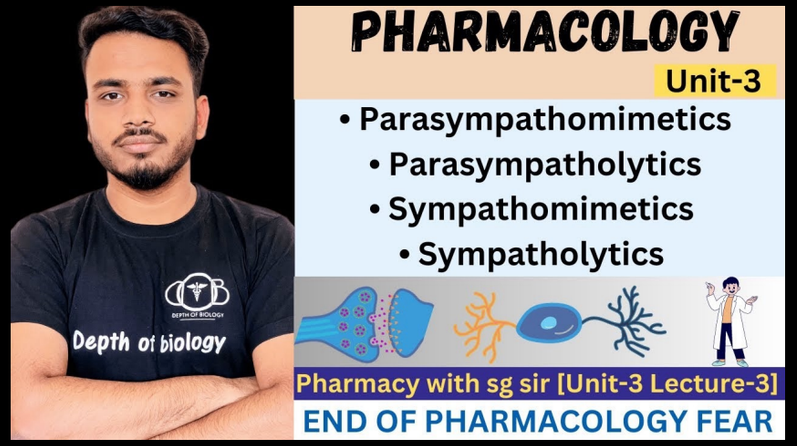
Q.5 Detailed note on Neuromuscular Junction & Also explain Myasthenia gravies ?

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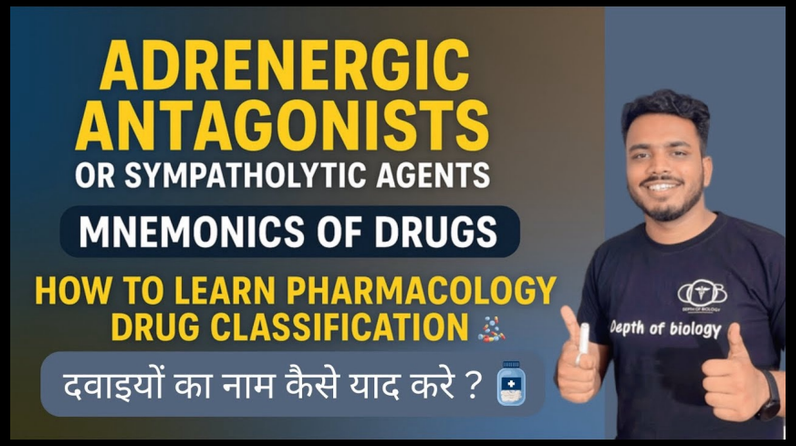
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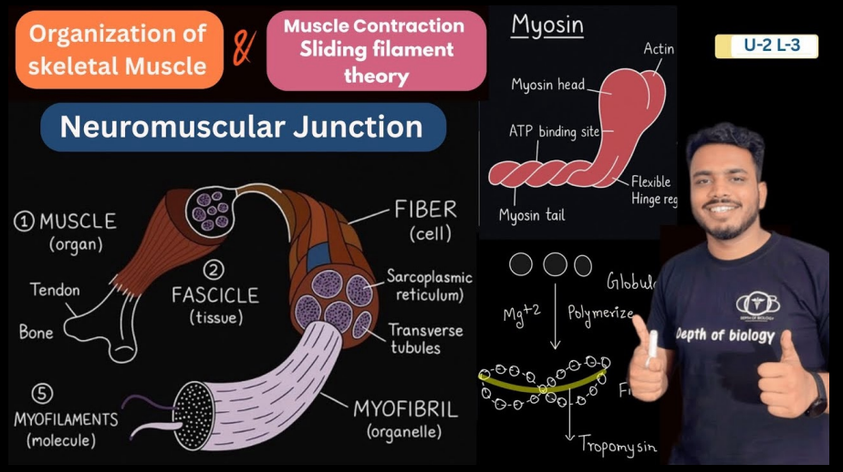












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Unit-3

Q.1 Give a detailed note on General & Local Anaesthetics ?

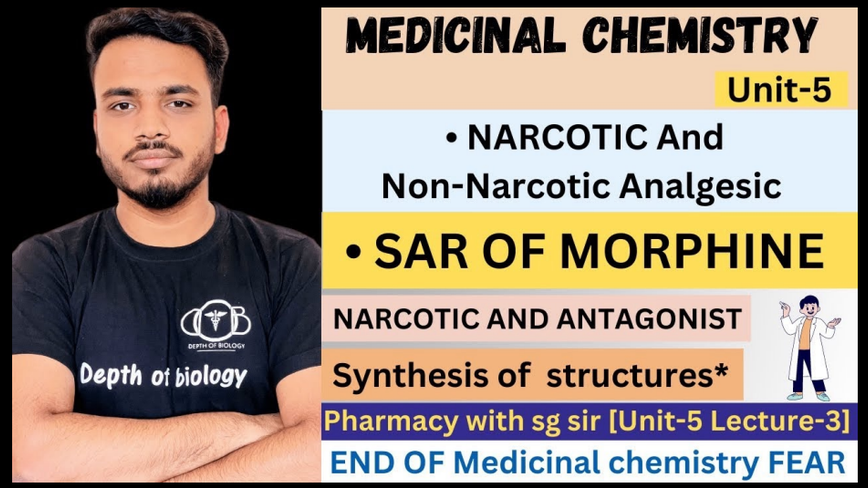
Q.2 Sedative and Hypnotics

Q.3 Drugs used to treat Anxiety (Anxiolytics).

Q.4 Give a note on -

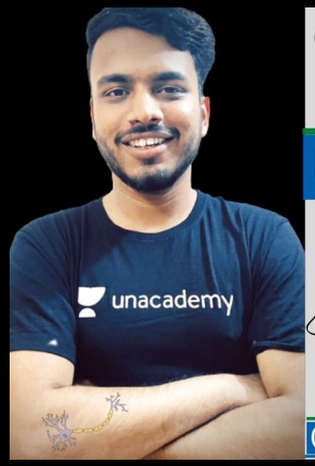
a). Depression. b) Psychosis. c) Mania d). Epilepsy. e). Neurodegenerative disease (Parkinson's & Alzheimer's).

Q.5 Explain Narcotic & Non - Narcotic Analgesic ?



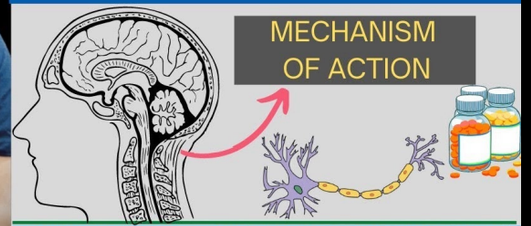
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General anesthetics and Pre anesthetics

PHARMACY+ NURSING+ BSC



ONE SHORT LECTURE BY SG SIR*



PHARMACOLOGY

Unit-3

- Local Anesthetic Agents pharmacology



- Classification of Local Anesthetic agents



Pharmacy with sg sir [Unit-3 Lecture-5]

END OF PHARMACOLOGY FEAR



PHARMACOLOGY

Unit-5

- ANTIDEPRESSANTS DRUGS
- it's classification and mechanism of action



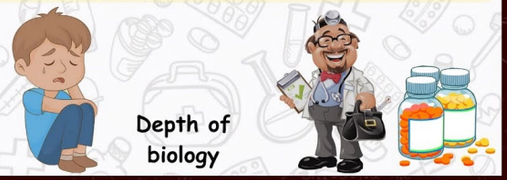
Pharmacy with sg sir [Unit-5]

END OF PHARMACOLOGY FEAR

DEPRESSION

U-3, L-13

CLassification
sign, symptoms and treatment





Pharmacy + Nursing



MEDICINAL CHEMISTRY

Unit-4

- ANTIPSYCHOTIC

SAR OF PHENOTHIAZEINE

CLASSIFICATION OF ANTIPSYCHOTIC

2. Synthesis of Chlorpromazine Hcl



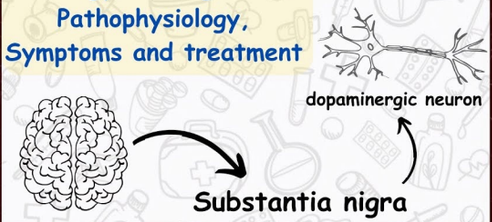
Pharmacy with sg sir [Unit-4 Lecture-3]

END OF Medicinal chemistry FEAR

PARKINSON'S DISEASE

U-3, L-10

Etiology, Pathogenesis, Pathophysiology, Symptoms and treatment



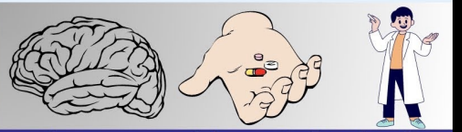




PHARMACOLOGY

Unit-5

- DRUGS USED IN ALZHEIMER DISEASE



Pharmacy with sg sir [Unit-5]

END OF PHARMACOLOGY FEAR

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DEPTH OF BIOLOGY

Unit - 4

Q.1 Give a detail note on

a). Diuretics. b). Anti hypertensive c) Anti - Arrhythmic

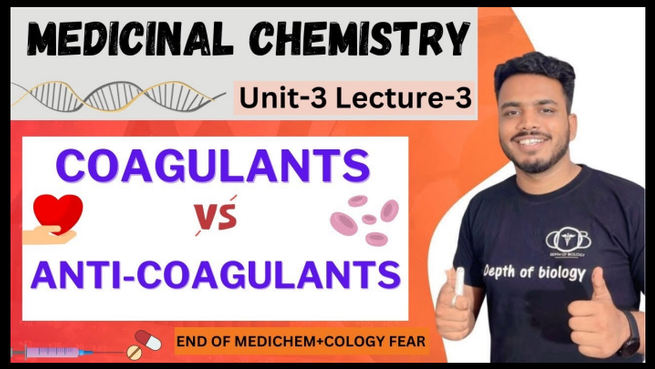
Q.2 Give a detail note on

a). Anti-ischemic or Anti-Anginal. b). Drugs used for Herat failure (CHF)

c) Drugs used for Hyperlipidemia

Q.3 Give a detail note on

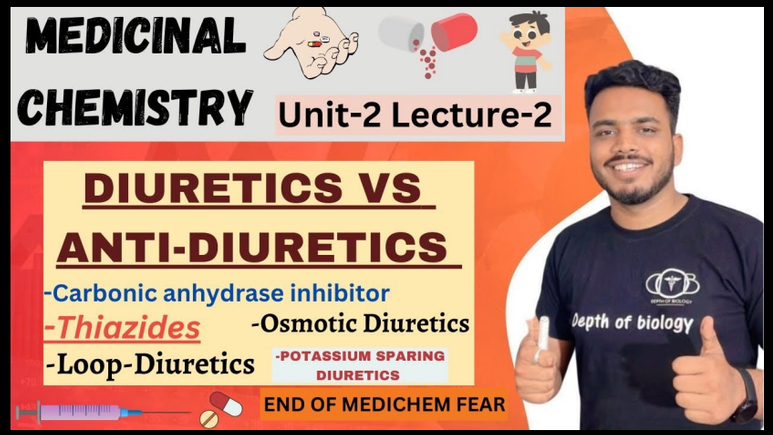
a). Hematinics b). Coagulants vs Anti-Coagulants c) Fibrinolytics & Anti-Platelet drugs.





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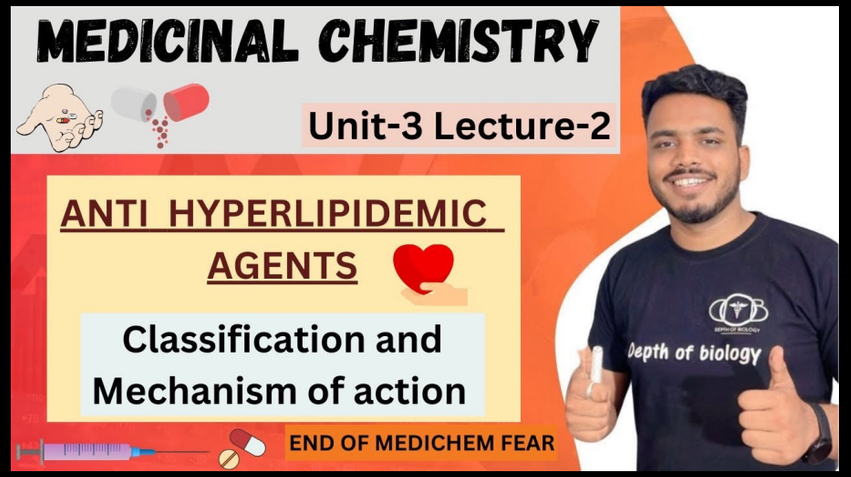
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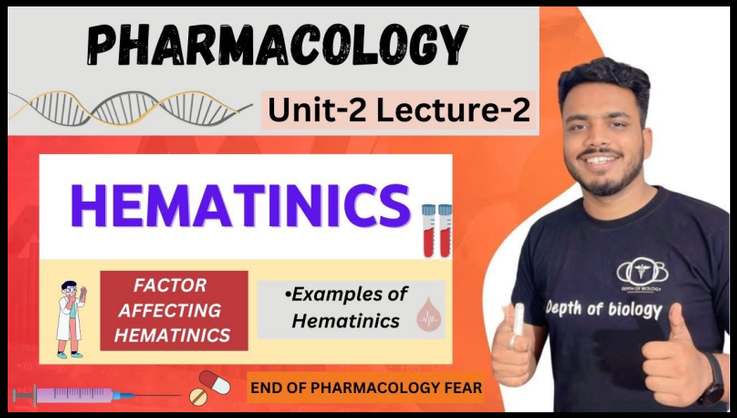












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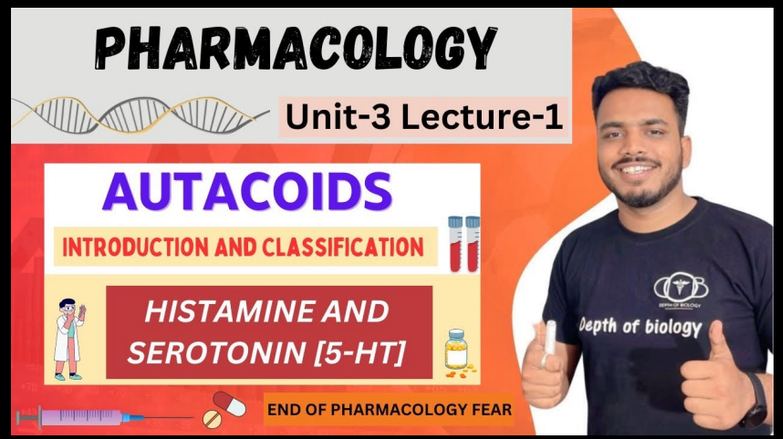
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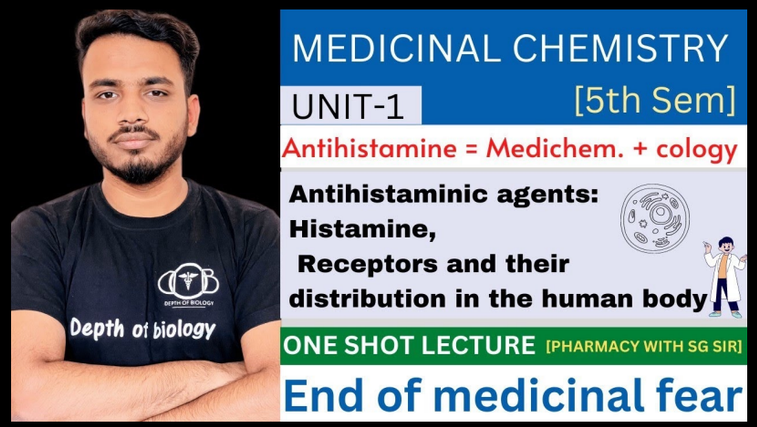
Unit-5

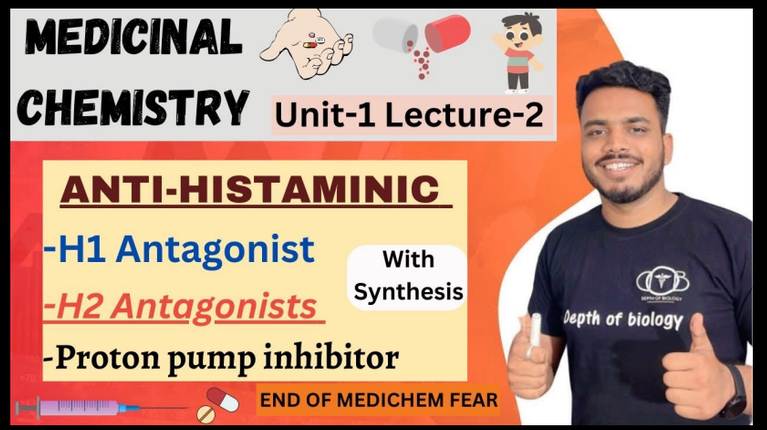
Q.1 Give a detail note on Autocoid (Histamine) & Pharmacology of Antihistaminic ?

Q.2 Give a detail note on

- Serotonin - Kinin. - Prostaglandin. - Opioid Autocoid. - 5HT- Antagonists

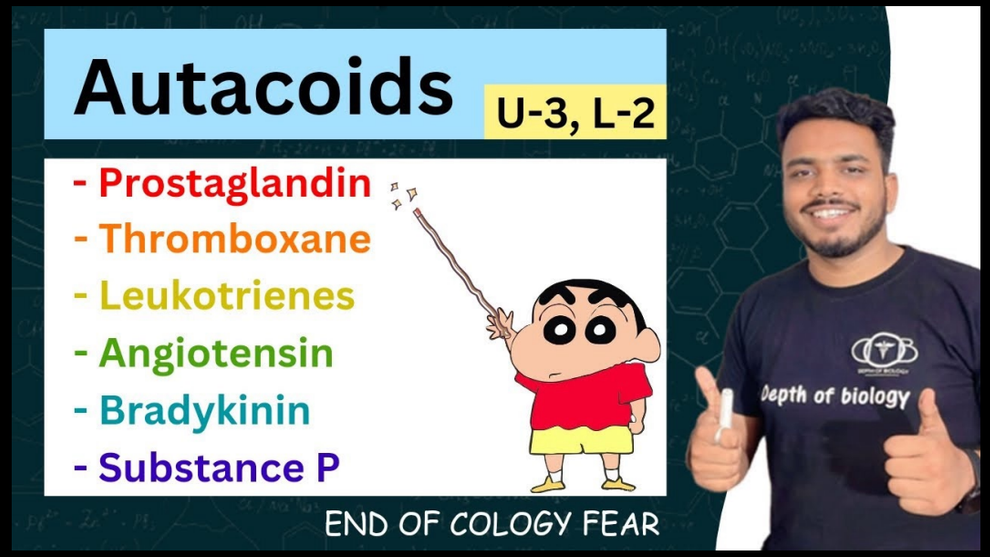


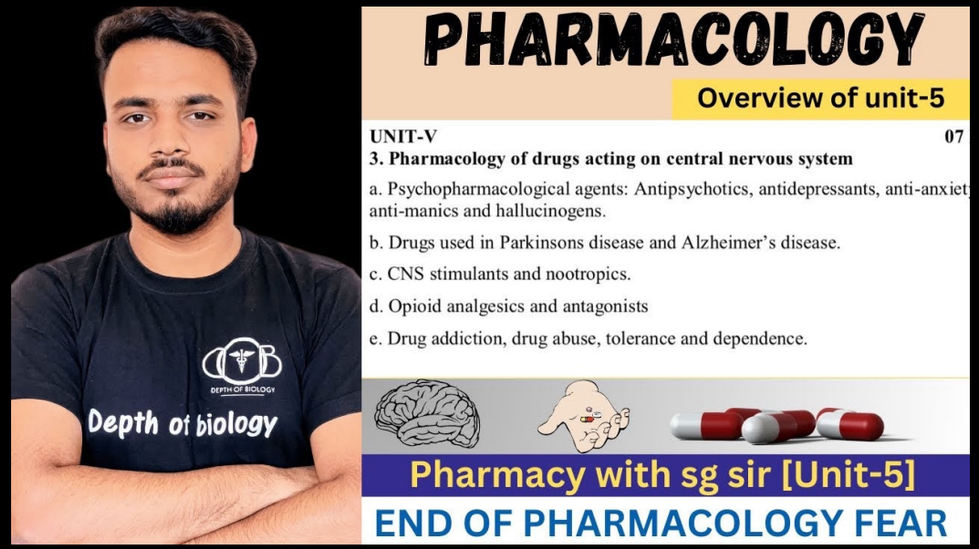


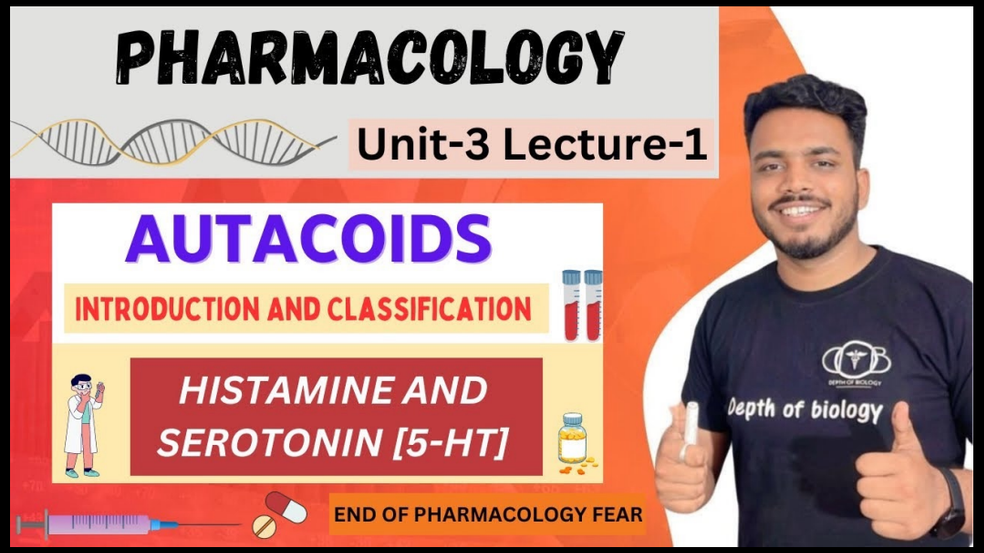


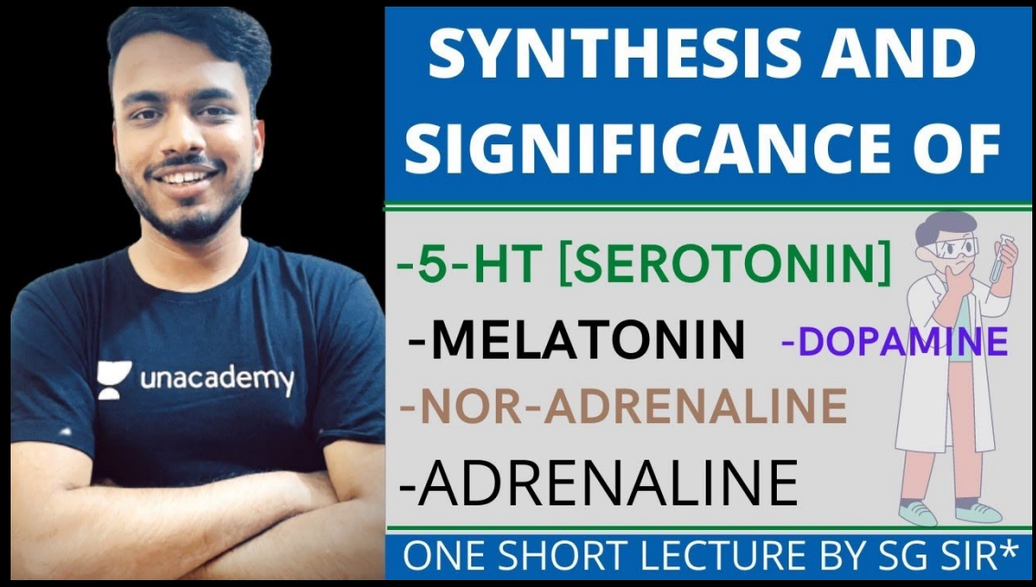
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DEPTH OF BIOLOGY









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