

PGY 3310 (PHARMACOLOGY AND THERAPEUTICS)

TERM 1 Draft Teaching Schedule

General Pharmacology, Autonomic Pharmacology & Local hormones (autacoids), mediators of inflammation & Respiration.

lecture	Date	Time	Lecturer
Introduction to the pharmacology: Terminology used in pharmacology; Drug names, Classification of drugs Group A	Thursday 14/ 03/24	15:30-17: 30	Dr T. Chidumayo
Pharmacokinetics: Absorption, Distribution, Metabolism and Excretion;	Friday 15/ 03/ 24	07:30-09:30	Mr M. Kampamba
Pharmacokinetic parameters; Application of pharmacokinetics to rational drug dosing	Friday 15/ 03/ 24	13:30-15:30	Dr S. Mweenda
Pharmacodynamics: Mechanisms of drug action; Receptor pharmacology; Drug potency and drug efficacy; Dose-response curves; Therapeutic index	Thursday 21/ 03/ 24	15:30-17: 30	Dr L. Prashar
Factors that modify drug action and bring about individual variations in drug response	Friday 22/ 03/ 24	07:30-09:30	Dr T. Chidumayo
Loss of drug effect and the factors that result in loss of drug effect	Friday 22/ 03/ 24	13:30-15:30	Dr T. Chidumayo
Overview of the autonomic nervous system: Organization and function of the autonomic nervous system; Neurotransmitter systems in the autonomic nervous system; Effects mediated by the autonomic nervous system	Thursday 28/ 03/ 24	15:30-17: 30	Dr S. Mweenda
Parasympathomimetic and parasympatholytic agents	Thursday 04/ 04/ 24	15:30-17: 30	Dr S. Mweenda
Sympathomimetic and sympatholytic agents	Friday 05/ 04/ 24	07:30-09:30	Mr M. Kampamba
Histamine; Serotonin (5-HT); Prostanoids and leukotrienes; Platelet-activating factor; Bradykinin; Neuropeptides; Cytokines; Nitric oxide: Their biological actions, and examples of drugs that affect their activity with their clinical applications	Friday 05/ 04/ 24	13:30-15:30	Dr T. Chidumayo
Drugs used to suppress inflammatory and immune	Thursday 11/ 04/ 24	15:30-17: 30	Dr S. Mweenda

reactions: Non-steroidal anti-inflammatory drugs (NSAIDs);			
Drugs used in the management of rheumatoid arthritis and osteoarthritis; Drugs used in the management of gout	Friday 12/ 04/ 24	13:30-15:30	Dr T. Chidumayo
Drugs used in the management of bronchial asthma	Thursday 18/ 04/ 24	15:30-17:30	Dr T. Chidumayo
Anti-tussive, mucolytic and expectorant agents	Friday 19/04/24	13:30-15:30	Dr T. Chidumayo
APR	From Monday 22/04/ 24	To Monday 29/04/24	
CBE	From 29/04/24	To 20/05/24	

Group A Class Representative: Lweendo Siamwenya: +260 77 673 5821.
siamwenyalweendo@gmail.com

Dr T. Chidumayo

MB ChB Pharmacology Coordinator

Cell: +260 95 595 8082

Whatsapp: +260 95 595 8082

Email: takondwa@unza.zm