

UNIVERSITY OF GHANA SCHOOL OF PHARMACY
DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY
VETERINARY MEDICINE
GENERAL AND AUTONOMIC PHARMACOLOGY (VPCS 317)

LECTURE PERIODS: WENESDAYS 7:30 AM – 10:30 AM

WEEK	DATE	TOPIC	LECTURER
1	23/08/17	Introduction to Pharmacology Sources of drugs; drug nomenclature; Mechanisms of drug movement	KAB
2	30/08/17	Routes of drug administration: Oral, buccal, sublingual, rectal, intramuscular Intravenous, subcutaneous, intrathecal, intra-arterial, topical, intradermal, transdermal	KAB
3	6/09/17	Drug preparations and dosage forms; Calculating drug doses	KAB
4	13/09/17	Pharmacokinetics Drug Absorption; Distribution of drugs:	KAB
5	20/09/17	Biotransformation of drugs; Excretion of drugs; Clinical implications	AKN
6	27/09/17	Pharmacodynamics Targets for drug action – concept of receptors	AKN
7	4/10/17	Drug receptor theories, enzymes, ion channels, carrier systems.	GDL
8	11/10/17	Agonists, antagonists, DR relationships (log DR versus DR curves)	GDL
9	18/10/17	Drug Interactions; variation in drug responsiveness:	GDL
10	25/10/17	Cholinergic Pharmacology I Introduction to Autonomic nervous system: Cholinomimetic drugs I	SKA
11	1/11/17	Cholinomimetic drugs II	SKA
12	8/11/17	Anticholinergic drugs, Neuromuscular blockers	SKA
13	15/11/17	Adrenergic Pharmacology Adrenergic transmission, adrenergic receptor classification, Pre- and post-function sites for drug uptake metabolism and inhibitors	PA
14	22/11/17	Sympathomimetic drugs and Sympatholytics	PA
15	29/11/17	REVIEW OF COURSE	KAB, AKN, GDL, SKA, PA

KAB – Prof. K. A. Bugyei (0242545979); **AKN** – Prof. Alexander K. Nyarko (0203465071); **GDL** – Prof. George D. Lutterodt (0204208383); **SKA** – Dr. Seth K. Amponsah (0243851461); **PA** – Patrick Amoateng (0243956637)