

DEPARTMENT OF PHARMACOLOGY
TEACHING PROGRAMME IIIrd SEMESTER M.B.B.S.
JULY-DECEMBER 2013

Tuesday 8-9AM LT-1
12-1PM LT-2
Wednesday 2-3PM LT-2
Friday 8-9AM LT-1

Date	Day	Class	Time	Subject	Faculty
16.8.2013	Friday	Lecture	8-9AM	Introduction to Pharmacology	Dr. Y.K.Gupta
20.8.2013	Tuesday	Lecture	8-9AM	Drug sources and dosage forms	Dr. S. Singh
		Lecture	12-1PM	Routes of drug administration and Drug delivery systems	Dr. S Singh
		Practical	2-4PM	Learning objectives in pharmacology and therapeutics	Drs Y K Gupta, V L Kumar, Kamal Kishore, S K Maulik and SRs
21.8.2013	Wednesday	Lecture	2-3PM	Absorption & Distribution of Drugs	Dr. V.L. Kumar
23.8.2013	Friday	Lecture	8-9AM	Pharmacokinetics (Apparent Volume of Distribution, Protein binding and their significance)	Dr. V.L. Kumar
27.8.2013	Tuesday	Lecture	8-9AM	Metabolism of Drugs - I	Dr. V.L. Kumar
		Lecture	12-1PM	Metabolism of Drugs - II	Dr. V.L. Kumar
		Practical	2-4PM	Demonstration of sources of drugs, formulation and drug delivery systems	Co-ordinator Dr. S Singh/Dr J Katyal
30.8.2013	Friday	Lecture	2-3PM	Elimination of Drugs	Dr. V.L.Kumar
3.9.2013	Tuesday	Lecture	8-9AM	Pharmacodynamics: Mechanism of drug action	Dr. J. Katyal
		Lecture	12-1PM	Pharmacodynamics (Drug Receptor interaction and its significance)	Dr. J. Katyal
		Demonstration and Group discussion	2-4 PM	Simulated exercise on Pharmacokinetics and Pharmacodynamics	Dr Y K Gupta , Dr S K Maulik, and Dr K H Reeta
4.9.2013	Wednesday	Lecture	2-3PM	Neurohumoral transmission : General Concepts	Dr. Y.K.Gupta
6.9.2013	Friday	Lecture	8-9AM	Neurohumoral transmission: agonists/antagonists and therapeutic applications	Dr. Y.K. Gupta
10.9.2013	Tuesday	Lecture	8-9AM	Drugs affecting cholinergic system - Agonists	Dr. J. Katyal
		Lecture	12-1PM	Drugs affecting cholinergic system - Anti-cholinesterases	Dr. J. Katyal
		Practical	2-4PM	Introduction to bioassay & demonstration of dose response curve	Co-ordinator- Dr. K H Reeta/ Dr. S. Singh
11.9.2013	Wednesday	Lecture	2-3PM	Anti-cholinergic agents	Dr. J. Katyal
13.9.2013	Friday	Lecture	8-9AM	Anti-cholinergic poisoning	Dr. J. Katyal
Cultural week 16 Sept 2013-22 Sept 2013					

24.9.2013	Tuesday	Lecture	8-9AM	Drugs acting on Adrenergic system: Agonists - I	Dr. J. Bhatia
		Lecture	12-1PM	Drugs acting on Adrenergic system: Agonists - II	Dr. J. Bhatia
		Practical	2-4PM	Effect of spasmogenic and antispasmogenic drugs on isolated tissue preparations.	Dr. V.L. Kumar/Dr J Bhatia
25.9.2013	Wednesday	Lecture	2-3PM	Drugs acting on Adrenergic system: Antagonists - I	Dr. J. Bhatia
27.9.2013	Friday	Lecture	8-9AM	Drugs acting on Adrenergic system: Antagonists - II	Dr. J. Bhatia
Mid Sem Exam 01 Oct 2013-11 Oct 2013					
15.10.2013	Tuesday	Lecture	8-9AM	Autacoids (Histamine & Serotonin)	Dr S Singh
		Lecture	12-1PM	Autacoids (Prostaglandins & Leukotriens)	Dr S Singh
		Practical	2-4PM	Computer assisted learning of Drugs acting on Blood Pressure	Dr. D.S. Arya/Dr J Bhatia
18.10.2013	Friday	Lecture	8-9AM	Antitussives, Mucolytics and Expectorants	Dr Y K Gupta
22.10.2013	Tuesday	Lecture	8-9AM	Rationality of cough preparations	Dr Y K Gupta
		Lecture	12-1PM	Drugs used in Bronchial Asthma: Anti inflammatory drugs	Dr K H Reeta
		Integrated seminar	2-4 PM	Management of Bronchial Asthma	Dr Y K Gupta, Dr R Sood, Dr S K Kabra and Dr K H Reeta,
23.10.2013	Wednesday	Lecture	2-3 PM	Phases of Drug Development	Dr Surender Singh
25.10.2013	Friday	Lecture	8-9AM	Drug treatment of Anemia	Dr J Bhatia
29.10.2013	Tuesday	Lecture	8-9AM	Antiplatelet Drugs	Dr J Bhatia
		Lecture	12-1PM	Drugs used in Coagulation disorders	Dr J Bhatia
		Integrated seminar	2-4PM	Management of Anemia	Dr M Mahapatra and Dr J Bhatia
30.10.2013	Wednesday	Lecture	2-3PM	Diuretics-I	Dr. K. Kishore
1.11.2013	Friday	Lecture	8-9AM	Diuretics-II and Vasopressin and other agents affecting the renal conservation of water	Dr. K. Kishore
5.11.2013	Tuesday	Lecture	8-9AM	Drugs acting on renin angiotensin- aldosterone system	Dr. S.K. Maulik
		Lecture	12-1PM	Antihypertensive agents	Dr S.K. Maulik
		Integrated seminar	2-4PM	Management of hypertension	Dr SK Maulik/ Dr Rakesh Yadav
6.11.2013	Wednesday	Practical	2-3PM	a. Demonstration of effect of beta blockers on exercise induced-tachycardia	Co-ordinator- Dr K. Kishore/ Dr. J. Bhatia

				b. Effect of beta blockers on cold pressor test	
8.11.2013	Friday	Lecture	8-9AM	Drugs for treatment of Dyslipidemia	Dr S K Maulik
12.11.2013	Tuesday	Lecture	8-9AM	Drugs used in heart Failure-I	Dr S K Maulik
		Lecture	12-1PM	Drugs used in heart Failure-II	Dr S K Maulik
		Integrated seminar	2-4PM	Management of Heart Failure	Dr S K Maulik, Dr S Seth
13.11.2013	Wednesday	Lecture	2-3PM	Drugs for Ischaemic Heart Disease	Dr S K Maulik
15.11.2013	Friday	Lecture	8-9AM	Management of Ischaemic Heart Disease	Dr S K Maulik, Dr B Bhargava
19.11.2013	Tuesday	Lecture	8-9AM	Drugs used in Cardiac Arrhythmia	Dr. D.S. Arya
		Lecture	12-1PM	Concept of Essential Medicines	Dr KH Reeta
		Practical	2-4PM	Spasmolytic effect of drugs on isolated guinea pig ileum preparation.	Co-ordinator-Dr J. Katyal
20.11.2013	Wednesday	Lecture	2-3PM	Neuro-muscular blockers	Dr. D.S. Arya
22.11.2013	Friday	Lecture	8-9AM	Adverse Drug Reactions and Concepts of Pharmacovigilance	Dr. YK GUPTA
26.11.2013	Tuesday	Lecture	8-9AM	Drug Interactions: CVS	Dr D S Arya
		Lecture	12-1PM	Vitamins and micronutrients	Dr. VL Kumar
		Practical	2-4PM	Spot exercises	Dr D S Arya/Dr J Bhatia
27.11.2013	Friday	Lecture	8-9AM	Fixed dose combinations and rational use of drugs	Dr. YK GUPTA
29.11.2013	Friday	Lecture	8-9AM	Therapeutic exercises: CVS/Respiratory System/Blood	Dr Y K Gupta/Dr S K Maulik
2nd - 12th December – End semester examination					

Department of Pharmacology, AIIMS

DEPARTMENT OF PHARMACOLOGY
TEACHING PROGRAM 5th SEMESTER M.B.B.S.
JULY – DECEMBER 2013

Monday 12-1PM LT-1
Thursday 8-9AM LT-3
12-1PM LT-1
2-4PM LT-3

Date	Day	Time	Class	Subject	Faculty
18.7.13	Thursday	8-9	L	Antimalarial drugs	Dr J Bhatia
		12-1	L	Antimalarial drugs – use in special conditions	Dr J Bhatia
		2-4	S	Management of Malaria in Special Population	Dr S Sinha Dr R Lodha Dr J Bhatia (Coordinator)
22.7.13	Monday	12-1	L	Anthelmintic drugs	Dr VL Kumar
25.7.13	Thursday	8-9	L	Anti-fungal agents	Dr S Singh
		12-1	L	Antiamoebic drugs	Dr K Kishore
		2-4	S	Rational use of Antibiotics	Dr K Kishore Dr S Sinha
29.7.13	Monday	12-1	L	Drugs used in skin diseases	Dr NS Raj
1.8.13	Thursday	8-9	L	Antiviral agents	Dr J Bhatia
		12-1	L	Antiretroviral drugs	Dr J Bhatia
		2-4	S	Management of HIV and H1N1 infections	Dr S Sinha Dr SK Kabra Dr J Bhatia (Coordinator)
5.8.13	Monday	12-1	L	Antileishmanial drugs	Dr S Singh
8.8.13	Thursday	8-9	L	Antineoplastic drugs – I	Dr NR Biswas
		12-1	L	Antineoplastic drugs – II	Dr NR Biswas
		2-4	S	Management of common malignancies	Dr S Bakshi Dr NR Biswas (Coordinator)
12.8.13	Monday	12-1	L	Drugs used in Ocular diseases	Dr NR Biswas
19.8.13	Monday	12-1	L	Immunosuppressants	Dr SK Maulik
22.8.13	Thursday	8-9	L	Drugs in patients of Organ Transplant	Dr. D Bhowmick/ Dr SK Maulik
		12-1	L	Antiseptics and Disinfectants	Dr NS Raj
		2-4	P	Effect of spasmogenic drugs on isolated tissue preparations.	Dr S Singh Dr J Bhatia Dr NR Biswas (Coordinator)
26.8.13	Monday	12-1	L	Drugs for Benign Prostatic Hypertrophy	Dr VL Kumar
29.8.13	Thursday	8-9	L	Essential drug concept	Dr KH Reeta

		12-1	L	Prescription writing	Dr. KH Reeta
		2-4	P	Prescription writing exercise and Product Insert Analysis	Dr KH Reeta (coordinator) Dr. J Bhatia
2.9.13	Monday	12-1	L	Drug use in pregnancy, lactation & pediatric population	Dr NR Biswas
5.9.12	Thursday	8-9	L	Drug use in geriatric population	Dr K Kishore
		12-1	L	Drug use in hepatic & renal insufficiency	Dr J Bhatia
		2-4	P	Log dose relationship of acetylcholine using guinea pig ileum and determination of ED50	Dr YK Gupta Dr VL Kumar Dr SK Maulik Dr S Singh (Coordinator)
9.9.12	Monday	12-1	L	Therapeutic Drug monitoring	Dr KH Reeta
12.9.12	Thursday	8-9	L	Fixed Dose Combination	Dr YK Gupta
		12-1	L	Vitamins	Dr VL Kumar
		2-4	P	Demonstration of effect of acetylcholine and its antagonism by atropine using guinea pig ileum	Dr NR Biswas Dr DS Arya Dr S Singh (Coordinator)
16th – 22nd September - CULTURAL WEEK					
23.9.13	Monday	12-1	L	Environmental toxicology	Dr YK Gupta/ Dr S Peshin
26.9.13	Thursday	8-9	L	Poisoning and antidotes	Dr DS Arya
		12-1	L	Heavy Metal Poisoning and chelators	Dr DS Arya
		2-4	S	Management of Poisoning	Dr DS Arya Dr P Agarwal
30.9.13	Monday	12-1	L	Vaccines and Sera	Dr NR Biswas
3.10.13	Thursday	8-9	L	Anti-oxidants and Micronutrients	Dr J Katyal
		12-1	L	Pharmacovigilance	Dr K Kishore
		2-4	P	Familiarisation with ADR reporting form	Dr YK Gupta Dr K Kishore
7.10.13	Monday	12-1	L	Pharmacogenomics & Pharmacoeconomics	Dr J Katyal
10.10.13	Thursday	8-9	L	Spurious, Counterfeit and substandard drugs	Dr YK Gupta/ Dr S Singh
		12-1	L	Concept of nanomedicine	Dr YK Gupta
		2-4	P	Spotting Exercises	Dr J Katyal Dr J Bhatia Dr KH Reeta (Coordinator)
14.10.13	Monday	12-1	L	Antibody based therapeutics	Dr VL Kumar

17.10.13	Thursday	8-9	L	Clinical pharmacokinetics	Dr SK Maulik
		12-1	L	Antiemetics & laxatives	Dr YK Gupta
		2-4	S	Ethics in animal and human research	Dr YK Gupta Dr NR Biswas Dr J Katyal Dr KH Reeta (Coordinator)
21.10.13	Monday	8-9	L	Clinically relevant Drug interactions	Dr NR Biswas Dr SK Maulik
24.10.13	Thursday	8-9	L	Drug interactions exercise	Dr SK Maulik Dr NR Biswas
		12-1	L	Food drug and Herb drug interactions	DR SK Maulik
		2-4	P	Drug receptor interaction on guinea pig ileum	Dr NR Biswas Dr DS Arya Dr J Katyal (Coordinator)
28.10.13	Monday	8-9	L	Drug development	Dr KH Reeta
31.10.13	Thursday	8-9	L	New drug delivery systems	Dr S Singh
		12-1	L	Spotting exercise	Dr J Katyal Dr KH Reeta Dr J Bhatia (Coordinator)
4th November – pre-prof Examination					