

DEPARTMENT OF PHARMACOLOGY
TEACHING PROGRAMME IIIrd SEMESTER M.B.B.S.
JULY-DECEMBER 2014

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
16.7.2014	Wednesday	Lecture	2-3PM	Introduction to Pharmacology	Dr. Y.K.Gupta
18.7.2014	Friday	Lecture	8-9AM	Drug sources & dosage forms	Dr. S. Singh
22.7.2014	Tuesday	Lecture	8-9AM	Routes of drug administration	Dr. S Singh
		Lecture	12-1PM	Drug delivery systems	Dr. S Singh
		Practical	2-4PM	Learning objectives in pharmacology and therapeutics	Dr. Y K Gupta, Dr. V.L. Kumar Dr.Kamal Kishore, Dr. SK Maulik & SRs
23.7.2014	Wednesday	Lecture	2-3PM	Absorption & Distribution of Drugs	Dr. V.L. Kumar
25.7.2014	Friday	Lecture	8-9AM	Clinical correlates of Pharmacokinetics	Dr. V.L. Kumar
30.7.2014	Wednesday	Lecture	2-3PM	Metabolism of Drugs	Dr. V.L. Kumar
1.8.2014	Friday	Lecture	8-9AM	Elimination of Drugs	Dr. V.L.Kumar
5.8.2014	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
		Demo. & Group discussion	2-4 PM	Simulated exercise on Pharmacokinetics and Pharmacodynamics	Dr Y K Gupta , Dr S K Maulik, & Dr K H Reeta
6.8.2014	Wednesday	Lecture	2-3PM	Neurohumoral transmission : General Concepts	Dr. Y.K.Gupta
8.8.2014	Friday	Lecture	8-9AM	Neurohumoral transmission: agonists/antagonists and therapeutic applications	Dr. Y.K. Gupta
12.8.2014	Tuesday	Lecture	8-9AM	Drugs affecting cholinergic system- Agonists	Dr. J. Katyal
		Lecture	12-1PM	Drugs affecting cholinergic system- Anti-cholinesterases and their poisoning	Dr. J. Katyal
		Practical	2-4PM	Introduction to bioassay & demonstration of dose response curve	Co-ordinator Dr. K H Reeta/ Dr. S. Singh

Date	Day	Class	Time	Subject	Faculty
13.8.2014	Wednesday	Lecture	2-3PM	Anti-cholinergic agents	Dr. J. Katyal
19.8.2014	Tuesday	Lecture	8-9AM	Drugs acting on Adrenergic system: β agonists	Dr. J. Bhatia
		Lecture	12-1 PM	Drugs acting on Adrenergic system: α agonists	Dr. J. Bhatia
		Practical	2-4PM	Effect of spasmogenic and antispasmogenic drugs on isolated tissue preparations.	Dr. V.L.Kumar/Dr. J. Bhatia
20.8.2014	Wednesday	Lecture	2-3PM	Drugs acting on Adrenergic system: β -adrenergic blockers	Dr. J. Bhatia
22.8.2014	Friday	Lecture	8-9AM	Drugs acting on Adrenergic system: α -adrenergic blockers	Dr. J. Bhatia
26.8.2014	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
27.8.14	Wednesday	Lecture	2-3PM	Antitussives, Mucolytics and Expectorants	Dr Y K Gupta
29.8.2014	Friday	Lecture	8-9AM	Rationality of cough preparations	Dr Y K Gupta
2.9.2014	Tuesday	Lecture	8-9AM	Drugs used in COPD	Dr K H Reeta
		Lecture	12-1PM	Drugs used in Bronchial Asthma	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
3.9.2014	Wednesday	Lecture	2-3 PM	Phases of Drug Development	Dr Surender Singh
5.9.2014	Friday	Lecture	8-9AM	Drug treatment of Anemia	Dr J Bhatia
9.9.2014	Tuesday	Lecture	8-9AM	Anti-platelet drugs	Dr J Bhatia
		Lecture	12-1PM	Anti-coagulants	Dr J Bhatia

		Integrated seminar	2-4PM	Management of Anemia	Dr M Mahapatra & Dr J Bhatia
10.9.2014	Wednesday	Lecture	2-3PM	Diuretics-I	Dr. K. Kishore
12.9.2014	Friday	Lecture	8-9AM	Diuretics-II and Vasopressin and other agents affecting the renal conservation of water	Dr. K. Kishore
Cultural week 16 Sept 2014-22 Sept 2014					
23.9.2014	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
24.9.2014	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	
26.9.2014	Friday	Lecture	8-9AM	Drugs for treatment of Dyslipidemia	Dr S K Maulik
30.9.2014	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
Mid Sem Exam 01 October 2014-15 October, 2014					
17.10.2014	Friday	Lecture	8- 9AM	Drugs for Ischaemic Heart Disease	Dr S K Maulik
21.10.2014	Tuesday	Lecture	8- 9AM	Management of Ischaemic Heart Disease	Dr S K Maulik, Dr B Bhargava
		Lecture	12-1PM	Drugs used in Cardiac Arrhythmias	Dr. D.S. Arya
		Practical	2-4PM	Spasmolytic effect of drugs on isolated guinea pig ileum preparation.	Co-ordinator- Dr J. Katyal
22.10.2014	Wednesday	Lecture	2-3PM	Neuro-muscular blockers	Dr. D.S. Arya
24.10.2014	Friday	Lecture	8-9AM	Adverse Drug Reactions and Concepts of Pharmacovigilance	Dr. Y.K. Gupta

Suppl Exam 26 Oct 2014-1 Nov 2014					
5.11.2014	Wednesday	Lecture	2-3PM	Concept of Essential Medicines	Dr KH Reeta
7.11.2014	Friday	Lecture	8-9 AM	Fixed dose combinations	Dr. YK Gupta
11.11.2014	Tuesday	Lecture	8-9 AM	Drug Interactions: CVS	Dr D S Arya
		Lecture	12-1PM	Vitamins and micronutrients	Dr. VL Kumar
		Practical	2-4 PM	Spot exercises	Dr D S Arya/Dr J Bhatia
12.11.2014	Wednesday	Lecture	2-3PM	Rational use of drugs: concept	Dr. YK Gupta
14.11.2014	Friday	Lecture	8-9AM	Therapeutic exercises: CVS/Respiratory System/Blood	Dr Y K Gupta/Dr S K Maulik
18.11.14	Tuesday	Lecture	8-9 AM	Drugs acting on CNS	Dr. YK Gupta
		Lecture	12-1PM	Local anesthetics	Dr.S Singh
		Seminar	2-4PM	Practise of anesthetic agents	Dr. RK Batra/ Dr. S Singh
19.11.14	Wednesday	Lecture	2-3PM	Drug used in Alzheimer's Disease	Dr. YK Gupta
21.11.2014	Friday	Lecture	8- 9AM	Drugs used in Parkinsonism	Dr. YK Gupta
25.11.14	Tuesday	Lecture	8-9AM	Antiepileptic drugs I	Dr. J Katyal
		Lecture	12-1PM	Antiepileptic drugs II	Dr. J Katyal
		Seminar	2-4PM	Management of Epilepsy(including in special conditions)	Dr.YK Gupta/Dr. M.Tripathi/Dr.J. Katyal (Co-ordinator)
26.11.14	Wednesday	Lecture	2-3PM	Drugs used in skin diseases	Dr NS Raj
28.11.14	Friday	Lecture	8- 9AM	Sedative and Hypnotics	Dr. VL Kumar

Department of Pharmacology, AIIMS

DEPARTMENT OF PHARMACOLOGY
TEACHING PROGRAM 5th SEMESTER M.B.B.S.
JULY – DECEMBER 2014

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

Date	Day	Time	Class	Subject	Faculty
17.7.14	Thursday	8-9	L	Antimalarial drugs I	Dr. J. Bhatia
		12-1	L	Antimalarial drugs II	Dr. J. Bhatia
		2-4	S	Management of Malaria in Special Population	Dr. S. Sinha/ Dr. R. Lodha/ Dr. J. Bhatia (Co-ordinator)
21.7.14	Monday	12-1	L	Anthelmintic drugs	Dr. V.L.Kumar
24.7.14	Thursday	8-9	L	Anti-fungal agents	Dr. S Singh
		12-1	L	Antiamoebic drugs	Dr. K. Kishore
		2-4	S	Rational Antibiotic Use	Dr K Kishore Dr NR Biswas
28.7.14	Monday	12-1	L	Antibody based therapeutics	Dr VL Kumar
31.7.14	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(Co-ordinator)
4.8.14	Monday	12-1	L	Anti-leishmenial Drugs	Dr. S. Singh
7.8.14	Thursday	8-9	L	Antineoplastic drugs – I	Dr DS Arya
		12-1	L	Antineoplastic drugs – II	Dr DS Arya
		2-4	S	Management of common malignancies	Dr. S. Bakshi/ Dr. D.S.Arya (Co-ordinator)
11.8.14	Monday	12-1	L	Immunosuppressant and their clinical uses	Dr S K Maulik
14.8.14	Thursday	8-9	L	Drugs used in diseases of skin and mucous membrane	Dr S K Maulik
		12-1	L	Antiseptics and Disinfectants	Dr S Singh
		2-4	P	Effect of spasmogenic drugs on isolated tissue preparations.	Dr. S Singh, Dr. J Bhatia
21.8.14	Thursday	8-9	L	Drugs in patients of organ transplant	Dr D Bhowmick Dr. SK Maulik
		12-1	L	Principles of Prescription writing and Patient Compliance	Dr. Kh Reeta
		2-4	Group Activity	Prescription writing exercise and Product Insert Analysis	Dr Kh Reeta / Dr J Bhatia
25.8.14	Monday	12-1	L	Drug use in pregnancy & lactation	Dr K Kishore
28.8.14	Thursday	8-9	L	Drugs used in pediatric population	Dr J Bhatia
		12-1	L	Drugs used in geriatric population	Dr J Bhatia
		2-4	P	Spotting exercises	Dr J Katyal

					Dr KH Reeta Dr J Bhatia
1.9.14	Monday	12-1	L	Drug use in hepatic & renal insufficiency	Dr J Bhatia
4.9.14	Thursday	8-9	L	Concept of Nanomedicine	Dr YK Gupta
		12-1	L	Therapeutic Drug monitoring	Dr KH Reeta
		2-4	S	Demonstration of effect acetylcholine and its antagonism by atropine using guinea pig ileum	Dr DS Arya Dr S Singh
8.9.14	Monday	12-1	L	Dietary supplements and herbal drugs	Dr YK Gupta
11.9.14	Thursday	8-9	L	Poisons and antidotes	Dr DS Arya
		12-1	L	Heavy Metal Poisoning and chelators	Dr DS Arya
		2-4	S	Management of Poisoned patient	Dr P Aggarwal & , Dr DS Arya (Co-ordinator)
15.9.14	Monday	12-1	L	Environmental Toxicology	Dr YK Gupta/ Dr S Peshin
16th – 22nd September - CULTURAL WEEK					
25.9.14	Thursday	8-9	L	Fixed Dose Combination	Dr S K Maulik
		12-1	L	Drugs for Benign Prostate Hypertrophy	Dr VL Kumar
		2-4	P	Familiarisation with ADR reporting form	Dr Y K Gupta Dr J Katyal
29.9.14	Monday	12-1	L	Concept of Pharmacovigilance	Dr Y K Gupta
9.10.14	Thursday	8-9	L	Pharmacoeconomics & Pharmacogenomics	Dr J Katyal
		12-1	L	Pharmacoepidemiology	Dr J Katyal
		2-4	S	Log dose relationship of acetylcholine using guinea pig ileum and determination of ED ₅₀	Dr Y K Gupta Dr SK Maulik Dr S Singh
13.10.14	Monday	12-1	L	Anti-oxidants & Micronutrients	Dr J Katyal
16.10.14	Thursday	8-9	L	Clinical pharmacokinetics	Dr S K Maulik
		12-1	L	Counterfeit Drugs	Dr Y K Gupta/ Dr S Singh
		2-4	Demonstration and Group discussion	Ethics in animal and human research	Dr YK Gupta Dr J Katyal Dr KH Reeta
20.10.14	Monday	12-1	L	Pharmacotherapy of obesity	Dr Kh Reeta
27.10.14	Monday	12-1	L	New drug Delivery Systems	Dr S Singh
30.10.14	Thursday	8-9	L	Drug interactions	Dr S Singh
		12-1	L	Food drug and Herb drug interactions	Dr S K Maulik
3rd November – Pre-Prof Examination					

