

Department of Pharmacology, VPCI

MD/Ph.D Teaching Programme (July 2017 to December 2017)

Seminars/Journal Club

Date	Topic	Speaker
6 July	Pharmacotherapy of pain	Dr. Nishant Rai
10 July	Drug Interactions	Dr. Ravinder Yadav
13 July	Translational research in pharmacology	Dr A Ray
17 July	Assay of NO biomarkers	Dr Kavita Gulati
20 July	RT-PCR in drug development	Meenakshi Sharma
24 July	Pharmacogenomics	Tarun Thakur
27 July	Lipid lowering agents	Anshul Tanwar
31 July	Recent advances in treatment of diabetes	Mr Hrikesh Dubey
3 August	Histaminergic neurotransmission	Mr Nishant Rai
10 August	Glutamate receptors	Ms Meenakshi Sharma
17 August	Critical care pharmacology	Dr. A. Ray
21 August	Standardization of herbal drugs	Mr Maaz Naqvi
24 August	Newer agents for bronchial asthma	Ms Sulekha Chaudhary
28 August	Biostatistics in pharmacology research	Dr A Ray
31 August	Screening of nootropic agents	Babita
4 Sept.	Cholinergic drugs	Dr. Ravinder Yadav
7 Sept.	Melatonin: Physiology and pharmacology	Dr Kavita Gulati
11 Sept.	Dendritic cells and immunomodulation	Mr Suresh T
14 Sept.	Dopaminergic transmission	Mr Tarun Thakur
18 Sept.		Maaz Naqvi

	Drug delivery systems	
25 Sept.	How to write a research protocol	Dr Anita Kotwani
28 Sept.	Nutraceuticals	Anshul Tanwar
9 Oct.	Benzodiazepine receptors	Dr. Kavita Gulati
12 Oct.	Pharmacovigilance methods	Harikesh Dybey
16 Oct.	Evaluation of adaptogens	Maaz Naqvi
26 Oct.	NO and signal transduction mechanisms	Tarun Thakur
30 Oct.	Chiral drugs	Dr Nishant Rai
2 Nov.	Chronopharmacology	Ms Meenakshi Sharma
9 Nov.	Nanoparticles for facilitated drug delivery	Mr. Suresh T
16 Nov.	Preclinical evaluation of anti-arrhythmic agents	Sulekha Chaudhary
30 Nov.	Drug metabolism	Dr. Anita Kotwani
7 Dec.	How drugs act?	Ms Babita
14 Dec	Apoptosis: its importance in biology and medicine	Harikesh Dubey
21 Dec	Sympathomimetics	Dr. Kavita Gulati
28 Dec	Screening of Hepatoprotective agents	Anshul Tanwar

Practicals

Date	Practical experiment
11 July	Spectrophotometry
18 July	Isolated Guinea pig Ileum preparation
25 July	Tail flick analgesia
1 Aug.	Maximal electroshock seizures
8 Aug.	Rota Rod test
22 Aug.	

	Plethysmometry
29 Aug.	Spectrophotometry
5 Sept.	Hot plate analgesia
12 Sept.	Morris Water Maze test
19 Sept.	Elevated Plus Maze test
26 Sept.	Maximal electroshock seizures
10 Oct.	Isolated guinea pig ileum
17 Oct.	Isolated tracheal chain preparation
24 Oct.	Rat BP experiment with Condon's manometer
31 Oct.	Rat BP set up with Biopac
7 Nov.	Rat BP preparation with Condon's manometer
14 Nov.	Isolated Guinea pig Ileum preparation
21 Nov.	Elevated Plus Maze test
28 Nov.	Pentylene tetrazole induced convulsions
5 Dec.	Rota Rod test
12 Dec.	Plethysmometry
19 Dec.	Spectrophotometry
26 Dec.	Hot plate analgesia

All MD/PhD students and Postdoctoral Fellows participate in the programme.

Faculty members coordinate these teaching sessions.