

**Department of Pharmacology, VPCI**

**MD/Ph.D Teaching Programme (January 2017 to June 2017)**

**Seminars/Journal Club**

<b>Date</b>	<b>Topic</b>	<b>Speaker</b>
2 Jan	Pharmacotherapy of myocardial infarction	Dr. Ravinder Yadav
5 Jan	Clinical pharmacokinetics	Dr A. Ray
9 Jan	Recent trends in drug regulations	Dr Kavita Gulati
16 Jan	Rational Use of antibiotics	Dr. Anita Kotwani
19 Jan	Molecular techniques in pharmacology	Md Shamsuzzman
23 Jan	Pharmacoepidemiology	Dr. Gautam Arora
30 Jan	Pharmacology of metabolic syndrome	Mr Harikesh Dubey
6 Feb	Recent advances in treatment of diabetes	Mr Tapan Behl
9 Feb	5-HT receptors	Mr Nishant Rai
13 Feb	Physiology and pharmacology of high altitude	Ms Meenakshi Sharma
23 Feb	Bioassay : Principles and Applications	Dr Kavita Gulati
27 Feb	Pharmacotherapy of Allergy : an update	Mr Maaz Naqvi
2 March	Screening methods for asthma drugs	Ms Sulekha Chaudhary
9 March	Animal ethics: an update	Dr A Ray
16 March	Neurosteroids	Dr Gautam Arora
23 March	Newer adrenergic drugs	Dr Ravinder Yadav
3 April	Opioid receptors: an update	Dr Kavita Gulati
6 April	Immunomodulatory agents	Mr Suresh T
10 April	Adaptogens	Mr Tarun Thakur

17 April	Standardization of herbal drugs	Ms Babita
20 April	Academia-industry interactions	Dr A Ray
24 April	Cytokines: In therapeutics	Anshul Tanwar
27 April	Essential Medicines: an overview	Dr. Anita Kotwani
2 May	Advances in Alzheimer's disease therapy	Harikesh Dubey
4 May	Free radicals and anti-oxidants	Sulekha Chaudhary
11 May	Methylxanthines : emerging trends	Dr. A. Ray
15 May	Orphan drugs	Mr Nishant Rai
18 May	Melatonin and its receptors	Ms Meenakshi Sharma
22 May	High throughput screening	Mr. Suresh T
29 May	Drugs in cardiac arrhythmias	Dr. Ravinder Yadav
1 June	Basic principles of pharmacokinetics	Dr Anita Kotwani
5 June	Yoga and Lung Disease	Dr Kavita Gulati
12 June	Stress and immunomodulation: impact on health and disease	Tarun Thakur
15 June	Regulatory guidelines for herbal drugs	Sulekha Chaudhary
19 June	Pharmacotherapy of heart failure	Maaz Naqvi
22 June	Pharmacology of inflammatory bowel disease	Anamika Singh
29 June	New Drug Development: the current scenario	Harikesh Dubey

## Practicals

Date	Practical experiment
3 Jan	ELISA
10 Jan	Isolated Guinea pig Ileum preparation
17 Jan	Passive avoidance test
24 Jan	Maximal electroshock seizures
31 Jan	Rota Rod test
7 Feb	Plethysmometry
14 Feb	Spectrophotometry
21 Feb	Hot plate analgesia
28 Feb	Tail flick analgesia
7 March	HPLC
14 March	Elevated Plus Maze test
21 March	Maximal electroshock seizures
28 March	Isolated guinea pig ileum
4 April	Isolated tracheal chain preparation
11 April	Rat BP experiment with Condon's manometer
25 April	Rat BP set up with Biopac
2 May	Rat BP preparation with Condon's manometer
9 May	Isolated Guinea pig Ileum preparation
16 May	Elevated Plus Maze test
23 May	Pentylenetetrazole induced convulsions
30 May	Rota Rod test

6 June	Plethysmometry
13 June	Spectrophotometry
20 June	Hot plate analgesia
27 June	Tail flick analgesia

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

Faculty members coordinate these teaching sessions.