

## Department of Pharmacology, MAMC

Research/ Thesis: 2018

### Ongoing Research

Name of research project	Investigators
To evaluate co morbid depression in newly diagnosed patients with tuberculosis in the DOTS clinic of LN Hospital.	Dr. Vandana Roy, Dr. Proteesh Rana, Dr. Seema Kapoor, Dr. Ashwini Khanna
Ameliorative effect of thymoquinone against colistin induced renal injury	Dr. Vandana Roy, Dr Sahil Kumar, Dr. Nazar, Dr. Nita Khurana, Dr. Akhilesh Mishra
To evaluate the protective effect of Azadirachta indica leaf extract on chemically induced colon cancer in rats.	Dr. Vandana Roy, Dr Angelika Batta, Dr. Nita Khurana, Dr, Akhilesh Mishra
To study neuroprotective effect of Zingiber officinale (Ginger) in Aluminium Chloride induced Alzheimer's disease in rat model	Dr. Vandana Roy, Dr. Kavita, Dr. Vandana Tayal, Dr. Akhilesh Mishra, Dr. Nita Khurana, Dr. Binita Goswami
Antinociceptive and antiinflammatory activities of Serratiopeptidase, Boswellia serrata and diclofenac in rats	Dr. Bhupinder Singh, Dr Shubha Singhal, Dr Vandana Roy
Efficacy of Withania somnifera (Ashwagandha) and Bacopa monnieri (Brahmi) extracts on alcohol withdrawal syndrome in rats.	Dr. Bhupinder Singh, Mr Pushpit, Dr Akhilesh Mishra
Prescription audit, drug utilization pattern and adverse drug reaction monitoring in outpatients of orthopedics department of tertiary teaching care hospital. An observational study	Dr Bhupinder Singh, Dr Nikita Madan, Dr Angelika Batta
Reporting of animal research studies in Indian medical journals: A retrospective study	Dr Bhupinder Singh, Dr Kavita, Dr Shubha Singhal, Dr Ankita Mishra

### Ongoing thesis

Name of research project	Investigators
Utilization patterns, outcomes and cost of prophylactic antimicrobials in patients undergoing orthopedic implant surgeries	Dr. Anurag Virmani <i>Supervisor:</i> Dr. Vandana Roy <i>Co Supervisor:</i> Dr. Sumit Sural, Dr. V.K Gautam, Dr. A.K Dhal
Efficacy and safety of Saroglitazar and Fenofibrate in the treatment of diabetic dyslipidemia: An open label comparative study	Dr Rahul Gahlot. <i>Supervisor:</i> Dr Bhupinder Singh, <i>Co Supervisor:</i> Dr Shalini Chawla, Dr Sandeep Garg
Efficacy of Withania somnifera (Ashwagandha)	Dr Ijasul Haque M.

and Bacopa monnieri (Brahmi) and association of serum Brain derived neurotrophic factors BDNF in alcohol withdrawal syndrome in rats.	<i>Supervisor:</i> Dr Shalini Chawla, <i>Co Supervisor:</i> Dr Bhupinder Singh
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## Department of Pharmacology, MAMC

### Ongoing Thesis and Projects

Sr No.	Title of Thesis	Supervisors
1.	Mefenamic acid and Diclofenac in the treatment of menorrhagia and dysmenorrhoea in dysfunctional uterine bleeding – a randomized comparative study	Dr. Sahil kumar <i>Supervisor</i> - Dr Uma Tekur <i>Co-Supervisor</i> - Dr Devender Kumar, Dr Bhupinder Singh
2.	Effect of trimethoprim- sulfamethoxazole /Norfloxacin on faecal microbiota, resistance pattern, Efficacy and tolerability in patients receiving prophylaxis for spontaneous bacterial peritonitis	Dr. Siddhartha Dutta <i>Supervisor</i> - Dr. Shalini chawla <i>Co-Supervisor</i> – Dr. Vandana Roy, Dr. Poonam Lamba, Dr. Siddharth Srivastava
3.	Effect of sofosbuvir and daclatasvir on lipid profile, glycemic control and quality of life index in chronic hepatitis c, genotype 3 patients	Dr Ayush Jain <i>Supervisor</i> : Dr.Shalini Chawla. <i>Co supervisor</i> : Dr.Siddhartha Srivastava, Dr.Bhupinder Kalra
4.	Drug utilization patterns, adverse drug reactions, cost and appropriateness of prescribed medicines with quality of life assessment of geriatric inpatients.	Dr Vikramjit Singh <i>Supervisor</i> - Dr. Vandana Roy <i>Co supervisor</i> - Dr. M.K. Daga, Dr. Shalini Chawla
5.	Utilization patterns, outcomes and cost of prophylactic antimicrobials in patients undergoing orthopedic implant surgeries	Dr. Anurag Virmani <i>Supervisor</i> : Dr. Vandana Roy <i>Co Supervisor</i> : Dr. Sumit Sural, Dr. V.K Gautam, Dr. A.K Dhal
6.	Patient's knowledge of prescribed medications and factors affecting it in a tertiary care teaching hospital. ICMR Short term studentship 2017	Anirudh kansal <i>Supervisor</i> : Dr. Vandana Roy
7.	Impact of a short course of rational pharmacotherapy on prescribing skills of undergraduate students: a pilot study.	Dr. Vandana Roy
8.	Impact of Pharmacology Teaching on students knowledge and skills in rational pharmacotherapeutics	Dr. Vandana Roy, Dr. Shariq Naem
9.	Knowledge, Attitude and Perception of Health Care Providers as regards Indian systems of Medicines in a Tertiary care Hospital	Dr. Vandana Roy, Dr. Shubha Singhal
10.	Prescribing practices and availability of essential medicines in public health facilities under Government of Delhi.	Dr. Vandana Roy

11.	To evaluate co morbid depression in newly diagnosed patients with tuberculosis in the DOTS clinic of LN Hospital.	Dr. Vandana Roy, Dr. Proteesh Rana, Dr. Seema Kapoor, Dr. Ashwini Khanna
12.	Ameliorative effect of thymoquinone against colistin induced renal injury	Dr. Vandana Roy, Dr. Nazar, Dr. B.Koner, Dr. Nita Khurana, Dr. Akhilesh Mishra
13.	To evaluate the protective effect of Azadirachta indica leaf extract on chemically induced colon cancer in rats.	Dr. Vandana Roy, Dr. Angelika Batta, Dr. Monika Agarwal, Dr. Nita Khurana, Dr. Akhilesh Mishra
14.	To study neuroprotective effect of Zingiber officinale (Ginger) in Aluminium Chloride induced Alzheimer's disease in rat model	Dr. Vandana Roy, Dr. Kavita, Dr. Vandana Tayal, Dr. Akhilesh Mishra, Dr. Binita Goswami, Dr. Nita Khurana.
15.	Randomized controlled study to compare the efficacy and safety of Biocurcumin and Paracetamol in patients of osteoarthritis of Knee joints	Dr. Bhupinder Singh, Dr. Shubha Singal
16.	Efficacy of Withania somnifera (Ashwagandha) and Bacopa monnieri (Brahmi) extracts on alcohol withdrawal syndrome in rats.	Dr. Bhupinder Singh, Dr. Sh Pushpit
17.	Antinociceptive and antiinflammatory activities of Serrapeptidase, Boswellia serrata and diclofenac in rats	Dr. Bhupinder Singh, Dr. Shubha Singal, Dr. Vandana Roy
18.	Awareness, Practice and Views about integrating AYUSH in allopathic curriculum of allopathic doctors and interns in a tertiary care, teaching hospital in New Delhi (India)	Dr. Vandana Roy, Dr. Shubha Singhal,
19.	To study the impact of whatsapp and facebook usage on academic, social and professional aspects of medical students and residents doctors,	Dr. Shalini Chawla, Dr. Shubha Singhal
20.	A survey of knowledge and beliefs about anti microbials use among prescribers in a teaching tertiary care hospital,	Dr. Shalini Chawla, Dr. Shivani

**Since the last 12 years (2005 to 2017 ) the number of students trained in the department (approximate number ):**

Teaching Programme	Students trained
<b>MBBS</b>	3000
<b>BDS</b>	360
<b>BSc Nursing</b>	480
<b>Medical Laboratory Technicians</b>	200
<b>MD</b>	26