

## ***Dr. Vijay K Sehgal***

M.D. (Pharmacology)

Professor and Head,

Department of Pharmacology,

GMC, Patiala (Punjab)

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### ***Academic Qualification:***

Qualification	College	University	Year	Registration No. with date	Name of the State Medical Council
MBBS	GOVT. MEDICAL COLLEGE, PATIALA	PUNJABI UNIVERSITY, PATIALA	1982	22603 22/08/1983	PUNJAB MEDICAL COUNCIL
	Degree involved four & a half years of rigorous theory & clinical during which the following subjects were taught anatomy, physiology, biochemistry, pharmacology, pathology, microbiology, forensic medicine, ophthalmology, otorhinolaryngology, social & preventive medicine, internal medicine, surgery, obstetrics & gynecology, pediatrics • One year of Rotational Internship in Internal Medicine, Obs & Gynae, Casualty, Pediatrics, Ortho, Surgery, Ophthalmology, Otorhinolaryngology, Skin, VD & Psychiatry departments.				

<b>MD</b>	GOVT. MEDICAL COLLEGE, PATIALA	BFUHS, FARIDKOT	2003	22603  16/07/2004	PUNJAB MEDICAL COUNCIL
Subject : <b>Pharmacology</b>	Thesis, ""				

***Teaching Experience:***

Professor and Head , department of pharmacology, GMC, Patiala, Punjab

Designation	Department	Name of Institution	From DD/MM/YY	To DD/MM/YY	Total Experience in years & months
Junior Resident	Pharmacology	GMC Patiala	22-09-2000	15-09-2003	3 years
Tutor	Pharmacology	GGSMC Faridkot	07-05-1997	24-11-1998	1 year, 6.5 months
Assistant Professor	Pharmacology	GMC Patiala	25-11-1998	04-12-1998	10 days
		GGSMC Faridkot	05-12-1998	21-09-2000	1 year, 9.5 months
		GMC Patiala	31-12-2003	17-07-2006	2 years, 6.5months
Associate Professor	Pharmacology	GMC Patiala	18-07-2006	26-05-2017	10 years, 10 months
Professor	Pharmacology	GMC Patiala	26-05-2017	To date	2 years 6 months

***Administrative activities of department.***

- University examiner of pharmacology theory & practical examination
- University examiner of pharmacology theory & practical examination . ( BSUHS Faridkot, university , Rajasthan university, Himachal university)

- Undertake theory and practical classes of second year graduate degree course for MBBS students .
- Undertake theory, discussions and seminar classes of post graduate students of Pharmacology.
- Interdepartmental collaborative projects.
- Guide to the PG student in research project.
- Member of research committee, and ethic review board.
- Administer Pharmacology department and support activities like course content, approach, seminars, , interdepartmental activities etc

### ***Publications***

S. No.	Year	Paper Title	Paper Type	Author	Indexing
1.	2012	Cardiodepressant activity of newer Dihydropyridine derivative in comparison to Nifedipine on perfused rabbit's heart. Int J Med Dent Sci.2012;1(2):6-14	Original Research article	Kumar R, Sehgal VK, Kaur B, Kaur R (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus
2.	2013	Recent and emerging trends in Pharmacotherapy of neuropathic pain. Int J Med Dent Sci.2013;2(1):45-58	Review article	Singh J, Sehgal VK, Singh H (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus
3.	2013	Experimental evaluation of Crataegus Oxycantha on Cardiovascular system in comparison to Digoxin. IJRTSAT. 2013;7(1):14-5	Original Research article	Verma P. Goel D, Walia R, Sehgal V, Rani S, Bhutani G (4 <sup>th</sup> author)	Index Copernicus
4.	2014	Impact on Quality of life before and after combinational treatment in patients of Acne vulgaris. Int J Basic Clin Pharmacol. 2014;3(5):812-6	Original Research article	Sehgal VK, Kaur J, Singh SP, Gupta AK	Index Copernicus, Index Medicus
5.	2014	Comparative study of electrocardiographic changes in patients of Acute Mania receiving Verapamil or Lithium carbonate. J Clin Diagn Res.2014;8(12):8-11	Original Research article	Singh M, K Sharanjit, Sehgal VK (3 <sup>rd</sup> author)	PubMed Central, Embase & EMbiology, SCOPUS
6.	2014	Efficacy and safety of Travoprost 0.004% compared with Tafluprost 0.0015% in patients with Primary Open Angle Glaucoma. Int J Basic Clin Pharmacol.2014;3(6):958-63	Original Research article	Bachketi N, Chalia D, sehgal VK, Walia S (3 <sup>rd</sup> author)	Index Copernicus, Index Medicus
7.	2015	Comparative study to evaluate efficacy and cost effectiveness of Olmesartan versus Telmisartan in patients of stage-1 Hypertension. Int J Med Dent Sci.2015;4(1):568-	Research article	Palta S, Kumar V, Singh H, Gupta A (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus

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8.	2015	Study of the pattern of use of antimicrobials in community acquired pneumonia. IJRPP.2015; 4(1):69-76	Original Research article	Payalpreet, Singh H, Sehgal VK, Gupta AK, Chopra V (3 <sup>rd</sup> author)	Science central
9.	2015	A comparative study to evaluate the efficacy and safety of combination topical preparations in Acne Vulgaris. Int J App Basic Med Res.2015;5(2):104-8	Original Research article	Kaur J, Sehgal VK, Gupta AK, Singh SP (2 <sup>nd</sup> author)	PubMed Central, Index Copernicus
10.	2015	Comparison of efficacy and tolerability of Aceclofenac and Diclofenac in Osteoarthritis of Knee joint. Int J Med Dent Sci. 2015;4(2):745-50	Research article	Sehgal A, Sehgal VK, Singh R (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus
11.	2015	Phenytoin beyond epilepsy. Int J Med Dent Sci.2015;5(4):1056-66	Editorial	Sehgal VK, Kumar R (1 <sup>st</sup> author)	Index Copernicus, Index Medicus
12.	2016	To compare the effects of Terminalia arjuna with Rosuvastatin on total cholesterol and low density lipoprotein cholesterol. Int J Med Dent Sci.2016;5(1):1056-66	Original Research article	Prakash V, Sehgal VK, Bajaj VK, Singh H (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus
13.	2016	Adverse drug reactions due to anti-tubercular drugs in patients of multidrug resistant Tuberculosis in Rajindra Hospital Patiala. World J Pharm Res.2016;5(4):1206-13	Original Research article	Vardhan A, Gupta A, Sehgal VK, Kansal AP, Sudhesh K (3 <sup>rd</sup> author)	Index Copernicus
14.	2016	Effect of bronchodilators on sleep and daily activities in patients of chronic obstructive pulmonary disease treated in Rajindra Hospital Patiala. EJBPS.2016;3(5):233-36	Original Research article	Vardhan A, Sehgal VK, Kansal AP (2 <sup>nd</sup> author)	Index Copernicus
15.	2016	Impact of socio-economic status, rural background and gender on the prevalence of chronic obstructive pulmonary disease. Int J Med Dent Sci. 2016;5(2):1247-501	Original Research article	Vardhan A, Sehgal VK, Kansal AP (2 <sup>nd</sup> author)	Index Copernicus, Index Medicus
16.	2016	Bioactives in overweight and obesity. Int J Med Dent Sci.2016;5(2):1114-5	Editorial	Sehgal VK (1 <sup>st</sup> author)	Index Copernicus, Index Medicus

17.	2016	Communicable behaviour of non-communicable disease. Int J Basic Clin Pharmacol. 2016;5(5):1-4	Review article	Shukla P, Gupta A, Sehgal VK, Kumar R (3 <sup>rd</sup> author)	Index Copernicus, Index Medicus
18.	2016	Efficacy of topical phenytoin in healing diabetic foot ulcer. Int J Basic Clin Pharmacol. 2016;5(6):2645-48	Original Research article	Vardhan A, Grag P, Sehgal VK, Naidu CD, Bankar M, Mittal S (3 <sup>rd</sup> author)	Index Copernicus, Index Medicus
19.	2016	Isavuconazonium and resistant fungal infection- A review. World J Pharm Res. 2016;5(12):425-29	Das S, Sehgal VK, Vardhan A (2 <sup>nd</sup> author)	Review article	Index Copernicus
20.	2016	Electronic cigarettes: Human Friend of Foe. Int J Curr Res Med Sci. 2016;2(12):21-6	Das S, Sehgal VK, Vardhan A (2 <sup>nd</sup> author)	Review article	Index Copernicus, Medline
21.	2016	Delamanid and its role in drug resistant tuberculosis. Int J Med Dent sci. 2016;6(1):1449-53	Das S, Sehgal VK (2 <sup>nd</sup> author)	Editorial	Index Copernicus, Index Medicus
22.	2016	Computer aided drug designing. Int J Med Dent sci. 2016;6(1):1433-37.	Das S, Sehgal VK, Vardhan A (2 <sup>nd</sup> author)	Review article	Index Copernicus, Index Medicus
23.	2017	Prescription pattern in patients of Metabolic syndrome in a tertiary care teaching hospital: an observational study. NJBMS. 2017; 7(3) : 172-81	Shukla P, Gupta A, Sehgal VK, Kumar R (3 <sup>rd</sup> author)	Original Article	Index Copernicus
24.	2017	Evaluation of Quality of life in Patients of Metabolic syndrome. J Hosp Pharmacy. 2017 ; 12 (1): 69-76	Shukla P, Gupta A, Sehgal VK, Kumar R (3 <sup>rd</sup> author)	Original Article	Index Copernicus
25.	2017	A comparative study of efficacy of febuxostat and allopurinol regimens in patients of hyperurecemia. IJBCP. 2017; 6(11) : 2568-664.	Das S, Sehgal VK, Singh H, Singh J, Hemraj, Sehgal A. (2 <sup>nd</sup> author)	Original Article	Index Copernicus
26.	2017	A review on prescription opioid abuse- are abuse deterrent formulations a solution. J Research and Med Edu.	Sehgal VK, Singla R (1 <sup>st</sup> author)	Review Article	

		2017;17(2): 136-9.			
27.	2017	Evaluation of efficacy and tolerability of nitrofurantoin versus ciprofloxacin on patients in urinary tract infection : a comparative study. IJBCP.2017; 6(11) : 2690-94.	Kaur R, Kumar VK , Singh H, Walia G, Sehgal A (2 <sup>nd</sup> author)	Original Article	Index Copernicus
28.	2017	Monoclonal Antibodies and its impact on modern Health services- A Review. International Journal of Pharmacological Research.2017; 7(08): 154-159	Das S, Sehgal VK (2 <sup>nd</sup> author)	Review Article	Index Copernicus, Index Medicus
29.	2017	Analysis of cost of medical therapy in patients of Metabolic syndrome: an observational study. Int J Res Med Sci. 2018 Feb; 6(2): 443-447.	Shukla P, Palta S, Gupta A, Sehgal VK (4 <sup>th</sup> author)	Original Article	
30.	2018	A study of antihypertensive drug prescription patterns in hypertensive post- menopausal women . Int J Med and dent sci. 2018 ; 7(1):1594-1603	Singla R, Singh H, Gupta AK, Sehgal VK (4 <sup>th</sup> author)	Original Article	Index Copernicus, Index Medicus
31.	2018	Drug delivery through Blood Brain barrier: taming the bottleneck in CNS therapeutics. IJMDS (accepted for publication)	Singla R, Sehgal VK (2 <sup>nd</sup> author)	Educational forum	Index Copernicus, Index Medicus
32.	2018	Impact of Regulatory spin of Pioglitazone on prescription of anti-diabetic drugs among physicians in India: A multicentre questionnaire based observational study. IJMR. 2018;146 : 468-75	Sehgal VK (3 <sup>rd</sup> author)	Original Research article	Index Copernicus, Index Medicus, PubMed Central, SCOPUS
33.	2018	Need of $\beta$ 3 agonist in today's world as oral hypoglycaemic and antiobesity. Int J Med and Dent Sci 2018; 7(1): 1574-75	Kumar V, Das S (1 <sup>st</sup> author)	Editorial	Index Copernicus, Index Medicus
34.	2018	A comparative study of efficacy of Tadalafil and alfuzocin regimens in patient of benign prostate hyperplasia. (accepted for publication)	Das S, Sehgal VK, Singh H	Original Article	
35.	2018	Comparative study to evaluate efficacy and safety of Metoprolol and Ramipril vs Metoprolol and	Arora S, sehgal VK, Singh J, Singh H	Original article	Index Copernicus, Index Medicus

		Telmisartan in patients of Hypertension. IJDMS (accepted for publication)			
36.	2018	A study to evaluate compliance in patients of Diabetes mellitus in a North-Indian Tertiary care Hospital. Int J Basic Clin Pharmacol; 2018: Vol 7; (3): 480-485.	Shukla P, Palta S, Gupta A, Sehgal VK (4 <sup>TH</sup> author)	Original article	Index Copernicus
37.	2019	A Study of Efficacy and Tolerability of Rosehip Extract (Gopo) vs. Ibuprofen (a nsaid) in Treatment of Osteoarthritis in Weight Bearing Joints. Int. J. Med. Dent. Sci. 2019: Vol 8(2): 1754-58.	Lal H, Singh H, Sandhu KS, Sehgal VK. (4 <sup>TH</sup> author)	Original article	Index Copernicus, Index Medicus
38.	2019	A study of Prescribing Pattern in Patients of Hypertension.Int. J. Med. Dent. Sci.; Jul 2019: Vol 8(2): 1759-65.	Haq F, Singh H, Sehgal VK, Kumar S, Kaur A (3 <sup>rd</sup> author)	Original article	Index Copernicus, Index Medicus
39.	2019	A Pharmacoeconomic Analysis to determine the Relative Cost-effectiveness of Timolol 0.5%, Brinzolamide 1% and Brimonidine 0.2% Eye Drops in Treatment of Primary Open Angle Glaucoma/Ocular Hypertension. Int. J. Med. Dent. Sci. 2019: 8(2): 1766-74.	Sehgal VK, Vashisht T, Singh G, Sharma N (1 <sup>st</sup> author)	Original article	Index Copernicus, Index Medicus
40.	2019	Comparative Analysis of Efficacy and Safety of Gabapentin Vs Amitriptyline in Patients of Peripheral Neuropathic Pain in Case of Diabetes Mellitus. Int. J. Med. Dent. Sci. 2019: 8(2): 1755-82.	Kaur R, Sehgal VK, Sibia RPS, Kaur A, Kumar A. (2 <sup>nd</sup> author)	Original article	Index Copernicus, Index Medicus
41.	2019	Detection of Extended-Spectrum Beta Lactamases and AmpC Beta Lactamases Producing Uropathogenic Escherichia coli in a Tertiary Care Hospital. Int. J. Med. Dent. Sci. 2019; 8(2):1783-92.	Bakshi R, Sehgal VK, Kansal P, kaur S. (2 <sup>nd</sup> author)	Original article	Index Copernicus, Index Medicus
42.	2019	Comparative Analysis of Nerve conduction in Median nerve and efficacy of Gabapentin vs Amitriptyline in patients of	Sehgal VK, Sibia RPS, Kaur R, Kumar A. (1 <sup>st</sup> author)	Original article	Index Copernicus

		peripheral neuropathic pain in case of Diabetes mellitus. MedPulse International Journal of Pharmacology, Feb 2019; 9(2): 22-28.			
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S No.	SUPERVISOR/ CO-SUPERVISOR	TOPIC	YEAR
1	Supervisor	A Comparative study of efficacy & tolerability of Ibuprofen versus Acelofenac in Osteoarthritis of knee Joint :  DR Vivek Bhatia, MD Pharmacology	2005-2008
2	Co-Supervisor	A Study on Comparison of Efficacy of Metformin versus N-acetyl cysteine in patients with Polycystic Ovarian disease :  DR Ritu, MD Pharmacology	2006 -2009
3	Co-Supervisor	To Evaluate the role of Transdermal Diclofenac (Nu-Patch) in Post –operative Pain Management:  DR Vinod kumar, MS General Surgery	2005-2008
4	CO-Supervisor	Comparison of Efficacy of Metformin versus Acarbose in patients of Polycystic Ovarian disease  DR Gunjan kaul, MD Pharmacolgy	2007-2010
5	Supervisor	STS Dr JS kler	2008
6	Supervisor	Comparison of the Efficacy & Tolerability of Acelofenac & Diclofenac in Osteoarthritis of knee joint:  AVK Banerjee  ( Old Final Student)	2010
7	Supervisor	Comparative Study to Evaluate efficacy, safety, Cost effectiveness & Quality of life of Nebivolol versus Metoprolol in combination with Telmisartan as required in patients of Stage –I Hypertension :  DR Roohi chopra, MD Pharmacolgy	2010 - 13
8	Supervisor	Comparative Study to evaluate efficacy & costeffectiveness of Olmesartan versus Telmisartan in patients of Stage I Hypertension with TYPE II Diabetes Mellitus  DR Shikha palta, MD Pharmacolgy	2011-2014
9	Supervisor	A Comparative Study to Evaluate the Efficacy & Safety of Benzoyl Peroxide 2.5% Gel & Clindamycin 1% Gel &	2012-2015

		Nadifloxacin 1 % Cream versus Topical Tretinon 0.025% & Clindamycin 1% Gel in Patients of Acne Vulgaris  DR Jasleen kaur, MD Pharmacology	
10	Co-Supervisor	Prescription auditing of Antimicrobials in Community Acquired Pneumonia:  DR Payalpreet, MD Pharmacology	2012-2015
12	Co-Supervisor	To assess and compare the efficacy and safety of nebulised hypertonic saline and nebulised epinephrine in children upto 2 years of age with moderate bronchiolitis  Dr Daizy bansal, MD Paediatrics	2012-2015
13	Supervisor	a prospective, parallel, randomized, open labelled, comparative study to evaluate antihypertensive efficacy and effect on biochemical parameters of losartan + hydrochlorothiazide versus olmesartan + hydrochlorothiazide in patients with stage 1 or stage 2 hypertension  Dr Renu, MD Pharmacology	2013-16
14	Co- Supervisor	Adverse drug reaction in multiple drug resistant anti tubercular regimens.  Dr .Hitesh gaur , Pulmonary Medicine	2013-16
15	Co-Supervisor	Role of topical Phenytoin dressing in Diabetic ulcers: A comparative study with conventional dressing.  Dr Jony samria, MD surgery	2014-17
16	Co- Supervisor	A study of prescribing pattern , cost of Medical Therapy and Quality of life in patients of Metabolic syndrome in North Indian population  Dr. Prashant Shukla, MD Pharmacology	2014-17
17	Co-Supervisor	Role of Centchroman in regression of Fibroadenoma.  Dr Renu Verma, MD surgery	2015-18
18	Co-Supervisor	A study on antihypertensive drug prescription pattern and scoring of cardiovascular risk in hypertensive Post-	2015-18

		Menopausal women. Dr Ritika Singla, MD Pharmacology.	
19	Supervisor	Comparative study to evaluate efficacy and safety of Metoprolol and Ramipril vs Metoprolol and Telmisartan in patients of Hypertension. Dr Sonia Arora , MD Pharmacology.	2015-18
20	Supervisor	Comparative analysis of Nerve conduction in Median Nerve, efficacy and safety of Gabapentin versus amitriptyline in patients of peripheral neuropathic pain in case of Diabetes Mellitus. Dr. Rajneet Kaur, MD Pharmacology	2016-19
21	Supervisor	A Pharmacoeconomic analysis to determine the relative cost effectiveness of Timolol 0.5%, Brinzolamide 1% and Brimonodine 0.2% eye drops in treatment of Primary open angle glaucoma / Ocular hypertension. Dr. Tushar Vasisht, MD Pharmacology	2016-19
22	Co-Supervisor	A study of Efficacy and tolerability of Rosehip extract (GOPO) versus Ibuprofen (a NSAID) in treatment of osteoarthritis in weight bearing joints. Dr. Hina Lal, MD Pharmacology	2016-19
23	Co-Supervisor	A study to evaluate prescribing pattern and correlation between cardiovascular risk and quality of life in patients of hypertension Dr Faiziul Haq, MD Pharmacology	2016-19
24	Supervisor	A Comparative analysis of Mirabegron and Solifenacin in terms of their efficacy, safety and effect on quality of life in patients with Over-active Bladder. Dr Shrey Bhatia, MD Pharmacology	2017-20
25	Co-Supervisor Ph D	A Study on prescribing patterns of Antihypertensive drugs and adherence to Joint National Committee- 8 Hypertension guidelines in a Tertiary care hospital in North India. Pallak Agnihotri, Phd Adesh university.	2017-20

26	Supervisor	To compare the efficacy, safety, cost-effectiveness and quality of life of azilsartan versus Telmisartan in patients of stage I Hypertension  Dr. Ena Bhajni, MD Pharmacology	2017-20
27	Co-supervisor	To study the prescription auditing in patients of bronchial asthma  Dr. Perbhat kansal, MD Pharmacology	2017-20
28	Co-supervisor	Prospective and comparative study on use of antibiotics in prognosis of acute pancreatitis  Dr. Shivanshu Kundal, MS Surgery	2017-20
29	Supervisor	A cross-sectional study to analyse prescribing patterns and techniques of switching over of anti-psychotics in patients with various psychotic disorders . Dr. Amanpreet Kaur. MD pharmacology	2018-21
30	Co-supervisor	To evaluate the clinical effectiveness and cost-effectiveness of proton pump inhibitors in gastroesophageal reflux disease- a cross sectional study. Dr. Prabhmeet Kaur. MD Pharmacology	2018-21
31	Supervisor	To evaluate prescribing pattern and adherence to treatment in type-2 diabetes mellitus patients: a cross sectional study . Dr. Meenashi Raju	2018-21
32	Supervisor	A cross-sectional study to evaluate the adherence and treatment satisfaction of angiotensin receptor blockers vs non angiotensin receptor blockers among hypertensive patients. Dr. Arshiya. MD Pharmacology	2018-21
33	Co-supervisor	A study to evaluate the real world effectiveness of inhaled corticosteroids/long acting beta agonist combination and assessment of health related quality of life among COPD patients on this therapy. Dr. Amrit Pal Kaur	2018-21
34	Supervisor	A cross sectional study to evaluate therapeutic efficacy and safety profile of escitalopram versus venlafaxine/desvenlafaxine in patients of depression in a tertiary care hospital  Dr Mudit Bhatnagar	2019-22

35	Supervisor	Prescription pattern and adherence to treatment in epilepsy in pediatric age group in a tertiary care teaching hospital  Dr Mausmi Das	2019-22
36	Co-supervisor	A cross sectional study to evaluate the medication adherence and quality of life among patients with hypertension in a tertiary care hospital in north india  Dr Dheeraj Kumar	2019-22
37	Co-supervisor	To analyse efficacy and safety of budesonide vs montelukast in pediatric age group 1-12 years with mild to moderate persistent asthma - a cross sectional study  Dr Shivani Sharma	2019-22

#### **Associate editor of Scientific journals**

- IJMDS
- JCGMC

#### **Life member of Academic and Professional societies:**

1. IPS – LS334
2. ISRP- L453
3. BMSA- PLM/61
4. IMA- PUN/3104/22/195/112506/2004-05/L
5. APPI- 5/1135
6. Punjab academy of Science- L-673
7. Life member of Journal club GMC Patiala
8. AIAER- 1856

#### **Presentations in conferences/CME s:-**

SNo.	PAPER /POSTER/ORAL	PAPER TITLE
1	Poster Presentation	Medical ethics in medical Curriculum International Conference of IPS, New Delhi. Dec-1999
2	Oral Presentation	Preliminary pharmacological Investigations of a newly

		synthesized Dihydropyrimidine Derivative (BK IV) for actions related to Calcium channel Blocking Activity on Rat uterus & Rabbit's Aortic Strip <i>in Vitro</i> IPS, NIPER, Mohali. 2007
3	Oral Presentation	Preliminary Pharmacological investigations of a newly synthesized Dihydropyrimidine Derivative (BK IV) for actions related to calcium channel blocking activity on it vitro isolated Rabbit's intestine 11th Punjab Science Congress, Patiala 2008
4	Poster Presentation	Comparision of efficacy of metformin vs N-Acetyl cycteine in patients of polycystic ovarian disease IPS, International Conference on Translational Pharmacology, AIIMS, New Delhi. 2008
5	Poster Presentation	Obesity and Fertility CME, APPI, Chandigarh. 2008
6	Oral Presentation	Study on Isolated Perfused Rabbit Heart of a newly synthesized Dihydropyrimidine Derivative (BK IV) for actions related to Calcium Channel Blocking Activity, National Conference on Innovations in Drug Discovery and Research, Patiala. 2009
9	Poster presentation	Neurosteroids: HEALTH& DISEASE  PHYSIOLOGY UPDATE 2012 GMC PATIALA. 2012
10	Poster Presentation	Problem Based Learning in Medical Students PHYSIOLOGY UPDATE 2012,GMC PATIALA. 2012
11	Poster Presentation	Comparative Assessment of Efficacy & Quality of life in Patients of Stage I Hypertension on Treatment with Nebivolol versus Metoprolol  PHYSIOLOGY UPDATE 2013,GMC PATIALA
12	Poster Presentation	Banned Drugs: OTC Availabilty & Hazards  PHYSIOLOGY UPDATE 2013,GMC PATIALA
14	Oral Presentation	Ethics in Pre –Clinical Research PHYSIOLOGY UPDATE 2013,GMC PATIALA

15	Poster Presentation	<p>Comparative Study to evaluate efficacy &amp; costeffectiveness of Olmesartan versus Telmisartan in patients of Stage I Hypertension with TYPE II Diabetes Mellitus .</p> <p><i>2<sup>nd</sup> International &amp; 5<sup>th</sup> National Conference of Indian Society for Rational Pharmacotherapeutics .ISRPTCON 2013 organized by DMC H Ludhiana on 30<sup>th</sup> JAN to 1<sup>st</sup> FEB 2014.</i></p>
18	<p>Poster presentations</p> <p><i>Abstract submitted</i></p>	<p>Add-on threshold dose of metformin in treatment of type 2 diabetes mellitus: A multicentre cross sectional study among physician in India.</p> <p>Abstract submitted at 7<sup>th</sup> world Congress of Basic and Clinical Pharmacology to be held during July , 2014 in Cape Town , SOUTH AFRICA .</p>
19	Oral Presentation	A study of scoring of cardiovascular risk in hypertensive post – menopausal women. Physiology Update -2017. Single R, Gupta AK, Sehgal VK, Singh H.
20	Poster Presentation	A comparative study of efficacy of febuxostat and allopurinol regimens in patients of hyperuricemia . Physiology Update 2017
21	Oral Presentaion	Emerging asthma therapies in clinical development. Physiology Update 2017. Kaur R, Sehgal VK.
22	Poster Presentaion	Evaluation of efficacy and tolerability of nitrofurantoin versus ciprofloxacin on patients in urinary tract infection : a comparative study. IPSCON 2017. Kaur R, Kumar VK, Singh H, Walia G, Sehgal A

23	Poster Presentation	A review on prescription opioid abuse – are abuse deterrent formulations a solution. IPSCON-2018. Bhajni E, Singla R, Sehgal VK
24	Poster Presentation	A study of antihypertensive drug prescription patterns in hypertensive post menopausal women. IPSCON – 2018. Singla R, Bhatia S, Sehgal VK.
25	Oral Presentation	Drug delivery through blood brain barrier: taming the bottleneck in CNS therapeutics. Physiology Update -2018. Singla R, Singh H, Sehgal VK.
26	Oral Presentation	A comparative study of efficacy of tadalafil and alfuzocin regimens in patients of benign prostate hypertrophy. Physiology Update- 2018 . das S, Singh H, Kuma V, Singh J
27	Poster presentation	Pharmacovigilance – PvPI. Physiology update 2018. Lal H, Singh H, Sehgal V.
28	Oral Presentaion	Antimicrobial resistance in developing countries. Physiology Update 2018. Kaur R, Kumar VK
29	Poster presentation	Lifestyle Drugs. Physiology Update 2018. Vashisht T, Sehgal VK
30	Poster presentation	A study to evaluate prescribing pattern and correlation between cardiovascular risk and quality of life in patients of hypertension. Physiology Update 2018. Haq F, Sehgal VK
31	Poster presentation	Edible vaccines – virtual or reality . Physiology Update 2018. Kansal P, Sehgal VK
32	Oral presentations	Comparative study to evaluate efficacy and safety of Metoprolol and Ramipril vs Metoprolol and Telmisartan in



		patients of Hypertension. Physiology Update 2018 Arora S, sehgal VK, Singh J, Singh H
33	Poster presentation	A review article of causal association of Vit D and bronchial asthma Excrabation. Physiology update 2018. Arora S, Sehgal VK

### **Books review –**

Textbook of Pharmacology for B.Sc Nursing Students

### **Organized departmental activities:**

1. Seminar on Medication Errors (24-02-2016)
2. Seminar on Pharmacovigilance – an introduction and role of biomarkers ( 28.06.2017)
3. Seminar on biosafety ( 06.06.2017)
4. Lecture on awareness of self medication ( 2018)
5. Seminar on Pharmacovigilance importance and methods with active participation of Undergraduate students held on 16.05.2019.
6. Pharmacovigilance awareness session held on 8/11/2019 for Bsc Nursing students