

BIO-DATA

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VIPIN KUMAR

Area of Specialization:

PHARMACEUTICAL CHEMISTRY

Work Experience:

TOTAL TEACHING EXPERIENCE

- More than fourteen years of experience in the field of both, teaching (Bachelor, Master of Pharmacy and Pre-Ph.D.); and administration at University levels.

RESEARCH EXPERIENCE

- Supervising Ph. D. Students : 08 (04 Completed)
- Supervising M. Pharm. Research (Postgraduate) Students : 35 (32 Completed)

Professional/Work Experience:

17 th September 2013 – till date	Associate Professor, Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Ajmer, India
14 th November 2010 to 16 th September 2013	Associate Professor, Institute of Pharmaceutical Sciences, Kurukshetra University, Kurukshetra, Haryana, India
14 th November 2007 to 13 th November 2010	Assistant Professor (Reader), Institute of Pharmaceutical Sciences, Kurukshetra University, Kurukshetra, Haryana, India
04 th July 2007 to 03 rd November 2007	Assistant Professor (Reader), Rajendra Institute of Technology and Sciences, Sirsa, Haryana, India
13 th August 2002 to 03 rd July 2007	Lecturer, Deptt. of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Haryana, India
06 th August 2001 to 12 th August 2002	Lecturer, S. B. M. N. Institute of Pharmaceutical Sciences and Research, Asthal Bohar, Rohtak, Haryana, India

Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Ajmer, India

Head (25th July 2014 – till date)

Associate Professor (17th September 2013 – till date)

Institute of Pharmaceutical Sciences, Kurukshetra University, Kurukshetra, Haryana, India

Coordinator: Bachelor of Pharmacy (11th August 2009 to 16th September 2013)

Associate Professor (14th November 2010 to 16th September 2013)

Reader/Assistant Professor (14th November 2007 to 13th November 2010)

Rajendra Institute of Technology and Sciences, Sirsa, Haryana, India

Assistant Professor/Reader (04th July 2007 to 03rd November 2007)

Department of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Haryana, India

Divisional Head, Pharmaceutical Chemistry Division (03rd March 2005 to 03rd July 2007)

Lecturer (13th August 2002 to 03rd July 2007)

S. B. M. N. Institute of Pharmaceutical Sciences and Research, Asthal Bohar, Rohtak, Haryana, India

Lecturer (06th August 2001 to 12th August 2002)

Academic Qualifications:

- Doctor of Philosophy (September 2006) in *Pharmaceutical Sciences* on the topic entitled, “**Development of Topological Models for Prediction of Biological Activity and Physicochemical Properties of Molecules**” from Faculty of Pharmaceutical Sciences, Maharshi Dayanand University, Rohtak, Haryana, India.
- Master of Pharmacy (*Pharmaceutical Chemistry*) (2001) from N. G. S. M. Institute of Pharmaceutical Sciences, Mangalore (Karnataka), affiliated to Rajiv Gandhi University of Health Sciences Karnataka, Bangalore, India.
Title of M. Pharm. II year dissertation: “**Synthesis, characterisation and biological evaluation of Aryl-4-thiazolidinones**”
Aggregate Marks: 74.64%
- Bachelor of Pharmacy (1999) from Hindu College of Pharmacy, Sonapat, Haryana affiliated to Maharshi Dayanand University, Rohtak, Haryana, India.
Aggregate Marks: 65.5%
- Graduate Aptitude Test in Engineering – 99 (GATE-99), conducted by IIT, Bombay.
Aggregate Percentile: 80.58 percentile

Areas of Research:

- Application of Computer Aided Drug Design (Molecular Modeling) methods in lead identification & optimization.
- Development and evaluation of *in silico* models (Classification models, QSAR models, QSPR models, Pharmacophore models, 3-D QSAR models) for biological activity and ADMET prediction.
- Conceptualization, development and evaluation of topological descriptors (graph theoretical invariants) for use in structure-property/activity studies, optimization of lead compounds, search of combinatorial libraries and similarity–dissimilarity studies.
- Synthesis of biologically active organic molecules as antimicrobial, anthelmintic, analgesic, anti-inflammatory, anticonvulsant and antioxidant agents.
- Drug discovery and development from natural products and traditional medicines.
- Screening of medicinal plant extracts and their isolates for biological activities.

Licensure:

Registered Pharmacist, Haryana State Pharmacy Council, India, Registration No. 11693.

Recognition of Expertise:

I am/had been in the panel of expert for review of manuscripts submitted for publication in the following Journals:

- *Chemical Biology and Drug Design*, WILEY-BLACKWELL.
- *Letters in Drug Design & Discovery*, Bentham Sciences Publishers.
- *QSAR and Combinatorial Sciences*, WILEY-VCH Verlag GmbH & Co.
- *Recent Patents on Endocrine, Metabolic & Immune Drug Discovery*, Bentham Sciences Publishers.
- *Medicinal Chemistry Research*, Springer Publishers.
- *Egyptian Pharmaceutical Journal (NRC)*, National Research Centre (NRC), Egypt.
- *Computers in Biology and Medicine*, ELSEVIER
- *Molecules*, MDPI.
- *Scientific Research and Essays*, Academic Journals, Academic Press.
- *Journal of Medicinal Plant Research*, Academic Journals, Academic Press.
- *International Journal of Biological and Chemical Sciences*, International Formulae Group (IFG).
- *Archiv der Pharmazie*, WILEY-VCH Verlag GmbH & Co.
- *Journal of Experimental and Integrative Medicine*, SCOPEMED.

- *Pakistan Journal of Pharmaceutical Sciences*, Faculty of Pharmacy, University of Karachi, Pakistan.
- *International Journal of Green Pharmacy*, Medknow Publications.

Research Project:

1. “Rationally designed Indolizine derivative(s) as multitarget anticancer agent for inhibition of cancer cell growth and metastasis”, Science and Engineering Research Board, Department of Science and Technology, Govt. of India, SERB- EMR (EMR/2014/000928), Rs. 13 lakh.

Training Programmes Organised:

2. Worked as Course Coordinator of 3-week *Refresher Course in Pharmacy* on the theme, “*Recent Advances in Pharmaceutical Sciences and Drug Research*” organized by UGC-Academic Staff College, Kurukshetra University, Kurukshetra from 11th to 31st May 2010. This refresher course was attended by 25 Assistant Professors from various other Universities.

Invited Lectures:

1. “Medicinal aspects of Indolizine” at Globus College of Pharmacy, Bhopal on July 23, 2015.
2. “QSAR and Pharmacophore Mapping: Case Studies” at National Symposium on “Drug Design Strategies: Computational Techniques and Application (a scientific sub-event of APP 4th National Convention) at Invertis University, Bareilly, UP on January 31, 2015.
3. “Medicinal aspects of Indolizine” at National Symposium on ‘Novel Trends & Challenges in Drug Design, Discovery and Development’ organized by APP Telangana State Branch at Mother Teresa College of Pharmacy, Ranga Reddy, Hyderabad on December 03, 2014.
4. “Computer Aided Drug Designing” at Savitri Devi Memorial College of Pharmacy, Kaithal, Haryana on February 28, 2014.
5. “*Assays for effective evaluation of anticancer potential*” at 2nd Annual National Convention of Association of Pharmacy Professionals held at P. P. D. College of Pharmacy, Nashik, India on March 17, 2013.
6. “*Role of pharmacophore mapping in pharmaceutical research*” at APP sponsored faculty development programme on “*Current Teaching Methodologies and Recent Research Trends in Pharmaceutical Field*” held at Globus College of Pharmacy, Bhopal, MP, India from November 25 to December 08, 2012.
7. “*Development and validation of pharmacophore models for prediction of biological activity*”

at 1st Annual National Convention of Association of Pharmacy Professionals held on 7th April 2012 at Bhopal (MP), India.

8. *“Use of some freely available tools in QSAR studies”* at National Seminar on *“Emerging Trends in Pharmaceutical Education”* organized by Globus College of Pharmacy, Bhopal, MP, India from 1st June to 3rd June 2011.
9. *“Pharmacophore mapping and docking studies on pyrrolopyridines as MK₂ inhibitors”* at National Seminar on *“Current Pharmaceutical Developments”* organized by NRI Institute of Pharmacy, Bhopal, MP, India on 12th September 2009.

Presentations:

1. *“Synthesis and biological evaluations of Indolizine derivatives”* at National Conference on *“Current Scenario and Future Prospects of Pharmaceutical Education and research in India”* organized by Globus College of Pharmacy, Bhopal, MP, India on November 01, 2012.
2. *“Topological models for the prediction of tyrosine kinase inhibitory activity of 4-anilinoquinazolines”* at National Symposium on *“Current Challenges in Pharmaceutical Education Research”* organized by Globus College of Pharmacy, Bhopal, MP, India on 29th September 2011.
3. *“Pharmacophore Modelling and 3D-QSAR Studies On N³- Phenylpyrazinones As Novel Corticotropin Releasing Factor-1 (Crfl) Receptor Antagonists”* at National Seminar on *“Nanoschools: Emerging Techniques, Novel and Innovative Strategies”* held at Jan Nayak Ch. Devi Lal College of Pharmacy, Sirsa, Haryana, India sponsored by All India Council of Technical Education from 24th to 25th September 2011.
4. *“Computation of pharmacophore models for the prediction of mitogen activated protein kinase activated protein kinase-2 inhibitory activity of pyrrolopyridines”* at National Conference on *“Current Status and Ongoing Developments in Pharmaceutical Research”* organized by Globus College of Pharmacy, Bhopal, MP, India on 13th June 2011.

Awards/Honours/Recognition:

1. *“Best Review Article Award”* during APP 4th Annual National Convention held at Invertis University, Bareilly, UP on January 31, 2015.
2. *“APP Young Pharmacy Teacher Award”* during 1st Annual National Convention of Association of Pharmacy Professionals held on 7th April 2012 at Bhopal (MP), India.
3. *“Best Oral Presentation Award”* during National Symposium on *“Current Challenges in Pharmaceutical Education Research”* organized by Globus College of Pharmacy, Bhopal, MP, India on 29th September 2011.

Workshop-cum-Seminars Attended:

1. "Technology, Innovation and Entrepreneurship in 21st Century" organized by Department of Management Studies, Deenbandhu Chhotu Ram University of Sciences and Technology, Murthal, Sonapat held on March 17, 2015.
2. "Overcoming the Bottlenecks in Drug Discovery and Development" organized jointly by The Royal Society of Chemistry (RSC), Daiichi Sankyo India Pharma Private Limited and Ranbaxy Laboratories Limited at research campus of Daiichi Sankyo India Pharma Limited and Ranbaxy Laboratories, Village Sarhaul, Sector - 18, Udyog Vihar Industrial Area, Gurgaon - 122 015, Haryana, India from 20-21 March 2014.
3. "Orientation workshop on Best Teaching Practices" held on 04.10.2013 at Central University of Rajasthan, Ajmer.
4. "*National Seminar on Pharma vision 2020: Academia Industry Interaction*" held at H. R. Group of Institutions, Ghaziabad on April 18, 2013.
5. "*Curing the Incurables: Sharing of Innovations*" held at Vigyan Bhawan, New Delhi, organized by the Associated Chamber of Commerce and Industry of India (ASSOCHAM) on January 16, 2013.
6. "*Workshop on Handling and Care of Laboratory Animals*" held at Department of Pharmaceutical Sciences, Guru Jambheshwar University of Science and Technology, Hisar, Haryana from 20th to 22nd October 2011.
7. "*14th National Convention of Society of Pharmacognosy*" held at Hindu College of Pharmacy, Sonapat, Haryana, India from 20th to 21st February 2010.
8. "*Workshop on Computer-Aided Drug Design*" held at Center for Computational Biology and Bioinformatics, School of Information technology, Jawaharlal Nehru University (New Campus), New Delhi, organized by Schrodinger Inc. from 17th July to 18th July 2008.
9. "*National Seminar on Recent Trends in Pharmaceutical Education and Research*" held at Rajendra Institute of Technology and Sciences, Sirsa, Haryana, India and organized by Indian Pharmacy Graduates Association from 29th to 30th September 2007
10. "*Workshop on Green Chemistry*" held at National Institute of Pharmaceutical Education and Research, Mohali, and Sponsored by Department of Science and Technology (DST), New Delhi from 3rd to 4th September 2007.
11. "*Workshop on Recent Trends in Nanotechnology*" held at Department of Engineering and Technology, M. D. University, Rohtak on 27th March 2007.
12. "*National Symposium On Challenges In Drug Discovery Research: Networking Opportunities Between Academia And Industry*" held at Birla Institute of Technology and Science, Pilani,

Rajasthan from 7th to 8th April 2006.

13. “Workshop on Pharmacoinformatics: QSAR” held at National Institute of Pharmaceutical Education and Research, Mohali, Punjab from 1st to 3rd March 2006.
14. “Patent Awareness Workshop” organized by Department of Biosciences, M. D. University, Rohtak and Punjab State Council for Science and Technology, Chandigarh and sponsored by PFC, TIFAC, Department of Science and Technology, New Delhi on 21st December 2002.

Membership of Editorial Boards of Journals:

1. Associate Editor (Pharmaceutical Chemistry Section), 2011, Bulletin of Pharmaceutical Research (ISSN: 2249-6041, ISSN: 2249-9245).
2. Member, Editorial Board, Bulletin of Pharmaceutical Research (ISSN: 2249-6041, ISSN: 2249-9245).

Membership of Professional organizations:

1. Life Member, Indian Pharmacy Graduates Association (No. LM-3129).
2. Life Member, Association of Pharmacy Professionals (No. APP/HR/LM-011H/11).
3. Life Member, Vigyan Bharati, Haryana (Sr. No. 109).

List of Publications

Sr. No.	Details of Publication	Remarks
1.	Raza K, Thotakura N, Kumar P, Joshi M, Bhushan S, Bhatia A, Kumar V , Malik R, Sharma G, Guru SK, Katare OP, C60-fullerenes for delivery of docetaxel to breast cancer cells: A promising approach for enhanced efficacy and better pharmacokinetic profile, <i>International Journal of Pharmaceutics</i> , 2015, 495 (1), 551-559.	ISSN: 0378-5173 ELSEVIER IF: 4.011
2.	Sharma A, Kumar V , Kumar S, Gupta D, Pathak D, Medicinal significance of thiazolidin-4-one derivatives as possible anticancer agents, <i>Anticancer Agents in Medicinal Chemistry</i> , 2015 , (Accepted)	ISSN: 1871-5206 ISSN: 1875-5992 IF: 2.61, Bentham
3.	Manjusha Choudhary, Vipin Kumar , Hitesh Malhotra, Surender Singh, Medicinal plants with potential anti-arthritis activity, <i>Journal of Intercultural Ethnopharmacology</i> , 2015; 4 (2):147-179.	ISSN: 2146-8397
4.	Vipin Kumar , Pradeep Kumar, Vikas Sharma. Xenobiotic and Non-Xenobiotic Interventions in the Microbiome Therapeutics, <i>Current Drug Metabolism</i> (Accepted for publication; Publisher: Bentham)	ISSN: 1875-5453 ISSN: 1389-2002 IF: 3.55
5.	Vikas Sharma, Vipin Kumar , Pharmacophore mapping studies on indolizine derivatives as 15-LOX inhibitors. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2015, 53 (1), 63-68.	ISSN: 1110-0931 ELSEVIER

6.	Surender Verma, Vipin Kumar , D. N. Mishra, Formulation of controlled release zidovudine tablets: Influence of some hydrophilic polymers on release rate and in vitro evaluation, <i>Global Journal of Pharmaceutical Education and Research</i> , 2015, 4(1), (Manuscript no#4-1-01, Accepted)	ISSN 2278-0580
7.	Vikas Sharma, Prabodh C Sharma, Vipin Kumar , A mini review on pyridoacridines: Prospective lead compounds in medicinal chemistry. <i>Journal of Advanced Research</i> , 2015, 6(1), 63-71.	ISSN: 2090-1232 ELSEVIER
8.	Sharma A, Kumar V , Kumar S, Pathak DP, An insight into patents of thiazolidinone derivatives, <i>Indo Global Journal of Pharmaceutical Sciences</i> , 2015, 5(1), 12-18.	ISSN: 2249-1023
9.	Rakesh Pahwa, Vipin Kumar , Kanchan Kohli. Gastric Floating Microspheres of Ranitidine Hydrochloride: Formulation and <i>In Vitro</i> Evaluation. <i>Acta Chimica and Pharmaceutica Indica</i> . 2015; 5(2): 80-87.	ISSN: 2277-288X
10.	Rakesh Pahwa, Vipin Kumar , Kanchan Kohli. Preparation and <i>In Vitro</i> Evaluation of Chitosan Based Gastric Floating System of Ranitidine Hydrochloride. <i>Journal of Current Chemical and Pharmaceutical Sciences</i> . 2015; 5(2): 87-93.	ISSN: 2277-2871
11.	Rakesh Pahwa, Vipin Kumar , Kanchan Kohli. Alginate Beads prepared by Ionotropic Gelation Technique: Formulation Design. <i>Research Journal of Chemical Sciences</i> . 2015; 5(7): 45-47.	ISSN: 2231-606X ISSN: 2250-9261
12.	Verma S, Kumar V , Jyoti, Mishra DN, Formulation, evaluation and optimization of mucoadhesive microspheres of acyclovir, <i>Bulletin of Pharmaceutical Research</i> , 2014, 4(1), 14-20	ISSN: 2249-6041 ISSN: 2249-9245
13.	Surender Verma, Vipin Kumar , D. N. Mishra, Design and development of bacteria friendly natural formulation of Zidovudine hydrochloride in colon cancer, <i>Der Pharmacia Lettere</i> , 2014, 6(6), 232-238.	ISSN: 0975-5076
14.	Vikas Sharma, Vipin Kumar , Efficient way of drug designing: a comprehensive review on computational techniques. <i>Bulletin of Pharmaceutical Research</i> , 2014, 4(3), 118-123.	ISSN: 2249-6041 ISSN: 2249-9245
15.	Manjusha Choudhary, Vipin Kumar , Surender Singh, Phytochemical and ethno-pharmacological profile of <i>Barleria prionitis</i> Linn (Kala bansa): An updated review. <i>International Journal of Pharmaceutical Research</i> , 2014, 6(4). 1-8.	ISSN: 0975-2366 IF: 0.973
16.	Manjusha Choudhary, Vipin Kumar , Surender Singh, Gastroprotective potential of chloroform leaves extract of <i>Barleria prionitis</i> Linn.: From traditional use to scientific approach, <i>Advances in Chemistry and Biochemistry Sciences</i> , 2014, 1(01), 1-11.	ISSN: 2423-6748
17.	Manjusha, Vipin Kumar , Pankaj Gupta, Surender Singh, Anti-arthritis activity of <i>Barleria prionitis</i> Linn. leaves in acute and chronic models in Sprague Dawley rats. <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014, 52, 199-209.	ISSN: 1110-0931 ELSEVIER
18.	Vikas Sharma and Vipin Kumar , Indolizine: a biologically active moiety. <i>Medicinal Chemistry Research</i> , 2014; 23(8) 1-14.	ISSN: 1054-2523, ISSN: 1554-8120, IF:1.612 SPRINGER
19.	Manjusha Choudhary, Vipin Kumar , and Surender Singh, Gastric antisecretory and cytoprotective effects of hydroalcoholic extracts of <i>Plumeria alba</i> Linn. leaves in rats. <i>J Integr Med</i> , 2014, 12(1): 42-51.	ISSN 1672-1977 IF:0.64

20.	Manjusha Choudhary, Vipin Kumar , Pankaj Gupta, and Surender Singh, Investigation of Antiarthritic Potential of <i>Plumeria alba</i> L. Leaves in Acute and Chronic Models of Arthritis. <i>BioMed research international</i> , 2014, 2014 , Article ID 474616, 12 pages.	ISSN: 2314-6133 ISSN: 2314-6141 IF:2.88/ 1.579
21.	Manjusha Choudhary, Vipin Kumar , and Surender Singh. Phytochemical and Pharmacological activity of Genus <i>Plumeria</i> : An updated review. <i>International Journal of Biomedical and Advance Research</i> 5.6 (2014): 266-271.	ISSN: 2229- 3809
22.	Sunil Kumar, Vipin Kumar and Om Prakash, Enzymes inhibition and antidiabetic effect of isolated constituents from <i>Dillenia indica</i> , <i>BioMed Research International</i> , Volume 2013, Article ID 382063, 7 pages, http://dx.doi.org/10.1155/2013/382063 .	ISSN: 2314-6133 ISSN: 2314-6141 IF:2.88
23.	Vandana Sharma, Vikas Sharma, Pradeep Kumar, Vipin Kumar , Pharmacophore mapping studies on pyrazoles as antiproliferative agents. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27(6) , 1851 – 1855.	ISSN: 1011-601X IF: 1.03
24.	Anil Kamboj, Sunil Kumar, and Vipin Kumar , Evaluation of Antidiabetic Activity of Hydroalcoholic Extract of <i>Cestrum nocturnum</i> Leaves in Streptozotocin-Induced Diabetic Rats, <i>Advances in Pharmacological Sciences</i> , Volume 2013 (2013), Article ID 150401, 4 pages. doi:10.1155/2013/150401.	ISSN: 1687-6334 ISSN: 1687-6342
25.	Richa Bajaj, Vikas Sharma, Vipin Kumar , Pharmacophore mapping: Prediction of BCR–ABL kinase inhibitory activity of α -benzylthio chalcones, <i>Bulletin of Faculty of Pharmacy, Cairo University</i> , 2014, 52 , 103-108.	ISSN: 1110-0931 ELSEVIER
26.	Vikas Sharma, Harish Dureja, Vipin Kumar , Computation of models for prediction of blood brain barrier permeability using molecular descriptors, <i>Journal of Computational Methods in Science and Engineering</i> , 2013, 13(3-4) , 379-392.	ISSN: 1472-7978 ISSN: 1875-8983
27.	Reetu Ranga, Vikas Sharma, Vipin Kumar , New thiazolidinyl analogs containing pyridine ring: synthesis, biological evaluation and QSAR studies, <i>Medicinal Chemistry Research</i> , 2013, 22(4) , 1538–1548.	ISSN: 1054-2523, ISSN: 1554-8120, IF:1.612 SPRINGER
28.	Manjusha, Vipin Kumar and Surender Singh, Gastroprotective Activity of Methanol Leaves Extract of <i>Barleria prionitis</i> Linn. on Ethanol and Indomethacin Induced Ulcer in Rats, <i>British Journal of Pharmaceutical Research</i> , 2013, 3(4) , 817-829.	ISSN: 2231-2919
29.	<i>Rakesh Pahwa, Seema Bisht, Vipin Kumar and Kanchan Kohli</i> , Recent Advances in Gastric Floating Drug Delivery Technology: A Review, <i>Current Drug Delivery</i> , 2013, 10(3) , 286-298.	ISSN: 1567-2018 ISSN: 1875-5704 IF: 1.478
30.	Surender Verma, Amit Kumar, Vipul K. Malik and Vipin Kumar , Compritol ATO 888 based solid lipid nanoparticles of cefixime: Formulation and evaluation, <i>Der Pharmacia Sinica</i> , 2013, 4(3) , 8-13.	ISSN: 0976-8688
31.	Vikas Sharma, Vipin Kumar , Pradeep Kumar, Heterocyclic Chalcone Analogues as Potential Anticancer Agents, <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13 , 422-432.	ISSN: 1871-5206 ISSN: 1875-5992 IF: 2.61, Bentham
32.	Sunil Kumar, Vipin Kumar , Om Prakash and Mohammed Ali, Enzymes Inhibition and Antidiabetic Effect of Isolated Constituents from <i>Callistemon lanceolatus</i> . <i>The Natural Product Journal</i> 2013, 3(4) , 252-259.	ISSN: 2210-3163 ISSN: 2210-3155 Bentham

33.	Paramjit Kaur, Vikas Sharma, Vipin Kumar , Pharmacophore Modelling and 3D-QSAR Studies on N ³ -Phenylpyrazinones as Corticotropin Releasing Factor-1 (CRF ₁) Receptor Antagonists, <i>International Journal of Medicinal Chemistry</i> , 2012, Article ID 452325, DOI: 10.1155/2012/452325.	ISSN:2090-2069 ISSN: 2090-2077
34.	Rakesh Pahwa, Nidhi Saini, Vipin Kumar , Kanchan Kohli, Chitosan-based gastroretentive floating drug delivery technology: an updated review, <i>Expert Opinion on Drug Delivery</i> , 2012, 9 (5), 525-539.	ISSN:1742-5247 ISSN:1744-7593 IF: 4.896, Informa Healthcare, UK
35.	Surender Verma, Vipin Kumar , D. N. Mishra, S. K. Singh, Colon Targeted Drug Delivery: Current and Novel Perspectives, <i>International Journal of Pharmaceutical Sciences and Research</i> , 2012, 3 (5), 1274-1284.	ISSN:0975-8232
36.	Reetu and Vipin Kumar , Computer Aided Design of Selective Calcium Channel Blockers: Using Pharmacophore-Based and Docking Simulations, <i>International Journal of Pharmaceutical Sciences and Research</i> , 2012, 3 (3): 805-810	ISSN: 0975-8232
37.	Rakesh Pahwa, Sanjay Kumar, Nidhi Saini, Vipin Kumar , Gelucire mediated gastric floating drug delivery systems, <i>Der Pharmacia Lettre</i> , 2012, 4 (4), 1038-1043.	ISSN: 0975-5071
38.	Rakesh Pahwa, Manisha Singh, Vipin Kumar , Kanchan Kohli, Recent Advances and Patent Perspectives in Gastroretentive Technology, <i>Recent Patents on Drug Delivery & Formulation</i> , 2012, 6 (3), 278-290.	ISSN: 1872-2113 ISSN: 2212-4039 Bentham
39.	Upasna Kaushik, Vikas Sharma and Vipin Kumar , Computation of pharmacophore models for the prediction of mitogen-activated protein kinase activated protein kinase-2 inhibitory activity of pyrrolopyridines, <i>Medicinal Chemistry Research</i> , 2012, 21 (11), 3777-3784.	ISSN: 1054-2523, ISSN: 1554-8120, IF:1.612 SPRINGER
40.	Sunil Kumar, Meenu Saini, Vipin Kumar , Om Prakash, Renu Arya, Monika Rana, Dinesh Kumar, Traditional medicinal plants curing diabetes: A promise for today and tomorrow, <i>Asian Journal of Traditional Medicines</i> , 2012, 7 (4), 178 – 188.	ISSN: 1817-4337
41.	Vipin Kumar , Surender Verma, D. N. Mishra, S. K. Singh, Novel Approaches in Colon Targeted Drug Delivery Systems, <i>Bulletin of Pharmaceutical Research</i> , 2012, 2 (1), 26-33.	ISSN: 2249-6041 ISSN: 2249-9245
42.	Kumar S., Kumar V. , Prakash Om, Antidiabetic and hypolipidemic activities of <i>Kigelia pinnata</i> flowers extract in streptozotocin induced diabetic rats, <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2 (7), 543-546.	ISSN: 2221-1691 ELSEVIER,
43.	Vipin Kumar and Reetu, Pharmacophore modeling and 3-D QSAR Studies of N-(2-Benzoylphenyl) s-L-tyrosine PPAR γ Agonists potent Antihyperglycemic and Antihyperlipidemic agent, <i>Asian Journal of Biochemical and Pharmaceutical Research</i> , 2011, 4 (1), 123-134.	ISSN: 2231-2560
44.	Vipin Kumar , Topological Models for the Prediction of Tyrosine Kinase Inhibitory Activity of 4-Anilinoquinazolines, <i>Bulletin of Pharmaceutical Research</i> . 2011, 1 (2), 53-59.	ISSN: 2249-6041 ISSN: 2249-9245

45.	Vipin Kumar and Himangini Bansal, QSAR studies on estimation of monoamine oxidase-A inhibitory activity using topological descriptors, <i>Medicinal Chemistry Research</i> , 2011, 20 (2), 168 – 174.	ISSN: 1054-2523, ISSN: 1554-812, IF:1.612 SPRINGER
46.	Anuradha Sharma and Vipin Kumar , Pharmacophore modeling and 3D-QSAR Studies on N-(2-benzoylphenyl)-L-tyrosines as Ppar γ agonists, <i>Journal of Pharmacy Research</i> , 2011, 4 (6), 1927-1930.	ISSN: 0974-6943
47.	Isha Goyal and Vipin Kumar , Pharmacophore modeling studies on aryl thioxothiazolidinones as ADAMTS-5 (Aggrecanase-2) inhibitors, <i>Der Pharma Chemica</i> , 2011, 3 (2), 448-459.	ISSN: 0975-413X
48.	P. Rani and V. Kumar , Development of pharmacophore models for the prediction of HIV-1 reverse transcriptase inhibitory activity of pyridinone derivatives, <i>Khimiko-Farmazevticheskii Zhurnal</i> , 2011, 45 (1), (Russian edition), and <i>Pharmaceutical Chemistry Journal</i> , 2011, 45 (1), 36-42 (English Edition).	ISSN: 0091-150X, ISSN: 1573-9031, IF: 0.452 SPRINGER
49.	Sunil Kumar, Vipin Kumar , Om Prakash, Pharmacological evaluation of fractioned extract of <i>Callistemon lanceolatus</i> for antidiabetic and hypolipidemic activities in diabetic rats, <i>Journal of Pharmacy and Allied Health Sciences</i> , 2011, 1 (2), 58-63.	ISSN: 2224-2503
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