

BIO-DATA

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VIPIN KUMAR

Area of Specialization:

PHARMACEUTICAL CHEMISTRY

Work Experience:

TOTAL TEACHING EXPERIENCE

- Twenty-one 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: 10 (08 Completed)
- Supervising M. Pharm. Research (Postgraduate) Students: 47 (44 Completed)

Professional/Work Experience:

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| 24 th February 2021 – till date | Professor, Department of Pharmacy, Central University of Rajasthan, Ajmer, India. |
| 6 th March 2020 – 23 rd February 2021 | Professor, Department of Pharmaceutical Sciences, Central University of Haryana, Mahendergarh, Haryana, India. |
| 15 th June 2017 – 5 th March 2020 | Professor, Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Ajmer, India |
| 17 th September 2013 to 14 th June 2017 | 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 (27th July 2022 – till date)

Professor (from 24th February 2021)

Department of Pharmaceutical Sciences, Central University of Haryana, Mahendergarh, Haryana, India.

Head (19th March 2020 – 22nd February 2021)

Professor (5th March 2020 – 23rd February 2021)

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

Dean (13th July 2017 – 5th March 2020)

Head, Department of Pharmacy (25th July 2014 – 09th July 2019)

Head, Department of Chemistry (13th July 2017 – 04th June 2018)

Professor (15th June 2017 – 5th March 2020)

Chief Warden (10th August 2016 – 31st May 2019)

Associate Professor (17th September 2013 – 14th June 2017)

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.

Research Project:

1. “Isolation of Antidiabetic and Enzyme Inhibitory Constituents of *Cassia siamea*”, Department of Science and Technology, Govt. of Rajasthan, Rs. 7.86 lakh
2. “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. 12 lakh.

Training Programmes Organised/attended:

1. 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.
2. UGC sponsored short term course in “Soft Skills and Creative Writings” organized by UGC-HRDC, Kurukshetra University, Kurukshetra from 31st August to 5th September 2015.

Invited Lectures:

1. “Clinical Pharmacist: The absolute necessity for Indian healthcare system” at National webinar on World Pharmacist Day 2021 organized by Department of Pharmaceutical Sciences, Central University of Haryana on September 25, 2021.
2. “Identification of PPAR_γ Agonist: Studies by In Silico and In Vitro experimental assessment” at AICTE sponsored XXX Quality Improvement Programme on “Updates in field of Pharmacy” organized by Delhi Institute of Pharmaceutical Sciences and Research, New Delhi on March 26, 2019.
3. “Natural PPAR γ Agonist: Effective in Cardio Metabolic Syndrome” at AICTE sponsored XXVIII Quality Improvement Programme on “Recent Advances in Pharmaceutical Sciences” organized by Delhi Institute of Pharmaceutical Sciences and Research, New Delhi on March 22, 2019.
4. “QSAR and Pharmacophore Mapping in Drug Design: Case Studies” at National Conference on “Frontiers in Research and Development on Agriculture, Biomedical, Chemical and Pharmaceutical Sciences” organized by Mewar University, Chittourgarh, Rajasthan on March 04, 2016.
5. “Medicinal aspects of Indolizine” at Globus College of Pharmacy, Bhopal on July 23, 2015.
6. “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.
7. “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.
8. “Computer Aided Drug Designing” at Savitri Devi Memorial College of Pharmacy, Kaithal, Haryana on February 28, 2014.
9. “*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.
10. “*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.
11. “*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.
12. “*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.
13. “*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 of Schiff base and Chalcone bearing novel Indolizine derivatives as cytotoxic agents against breast cancer cell lines” at National conference on “Recent Advances in Chemical Sciences” organized by Department of Chemistry, Maharashi Dayanand University, Rohtak, Haryana from March 7, 2018.
2. “*Novel 2,4,5-Triphenyl- 1H-imidazolyl hydrazones as Antimicrobial Agents*” at National conference on “Organic Synthesis and Catalysis” (NCOSC-2016) organized by Department of Chemistry, Guru Jambheshwar University of Science and Technology, Hisar, Haryana from February 17- 18, 2016.

3. “*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.
4. “*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.
5. “*Pharmacophore Modelling and 3D-QSAR Studies On N³- Phenylpyrazinones As Novel Corticotropin Releasing Factor-1 (Crf1) Receptor Antagonists*” at AICTE sponsored 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.
6. “*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. “4th National Level Workshop on NIRF India Rankings 2023” held on 21 to 22 December, 2022 conducted by Institute for Academic Excellence (IAE), Hyderabad in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.
2. “7th Bioinformatics Symposium cum hands-on on High Performance Bioinformatics and Biomedicine 2015” organized by Bioinformatics Infrastructure Facility (BIF), Jamia Humdard, Mew Delhi on December 8-9, 2015.
3. “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.

4. "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.
5. "Orientation workshop on Best Teaching Practices" held on 04.10.2013 at Central University of Rajasthan, Ajmer.
6. "National Seminar on Pharma vision 2020: Academia Industry Interaction" held at H. R. Group of Institutions, Ghaziabad on April 18, 2013.
7. "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.
8. "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.
8. "14th National Convention of Society of Pharmacognosy" held at Hindu College of Pharmacy, Sonapat, Haryana, India from 20th to 21st February 2010.
9. "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.
10. "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
11. "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.
12. "Workshop on Recent Trends in Nanotechnology" held at Department of Engineering and Technology, M. D. University, Rohtak on 27th March 2007.
13. "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.
14. "Workshop on Pharmacoinformatics: QSAR" held at National Institute of Pharmaceutical Education and Research, Mohali, Punjab from 1st to 3rd March 2006.
15. "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

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| 1. | Paul, Rakesh Kumar; Ahmad, Iqrar; Patel, Harun; Kumar, Vipin ; Raza, Kaisar;, Phytochemicals from Amberboa ramosa as potential DPP-IV inhibitors for the management of Type-II Diabetes Mellitus: Inferences from In-silico Investigations, <i>Journal of Molecular Structure</i> ,1271, 2023, 134045. | Impact Factor: 2.463, ISSN 0022-2860 |
| 2. | Phytochemicals from Amberboa ramosa as potential DPP-IV inhibitors for the management of Type-II diabetes mellitus: Inferences from in-silico investigations, Rakesh Kumar Paul, Iqrar Ahmad, Harun Patel, Vipin Kumar , and Kaisar Raza, 2022. <i>Journal of Molecular Structure</i> , 1271,134045. https://doi.org/10.1016/j.molstruc.2022.134045 | Impact Factor: 2.463, ISSN 0022-2860 |
| 3. | Identification of Behenic Acid as Medicinal Food for the Diabetes Mellitus: Structure Based Computational Approach and Molecular Dynamics Simulation Studies, ζιρενδρα Νατη, Rakesh Kumar Paul, Neeraj Kumar, & Vipin Kumar , 2022. <i>Journal of Molecular Modelling</i> , 28,73. https://doi: 10.1007/s00894-022-05060-8 . | Impact Factor: 2.172, |
| 4. | Identification of M ^{PRO} Inhibitors of SARS-CoV-2 Using Structure Based Computational Drug Repurposing. Virendra Nath, R Ahuja, V Kumar . <i>Biocatalysis and Agricultural Biotechnology</i> ,2021. https://doi.org/10.1016/j.bcab.2021.102178 . | ELSEVIER |
| 5. | In Silico Identification of Antifungal Compounds as Mutant DHFRase Inhibitors: Structure-based Approach, Molecular Dynamics Simulation and Structural Integrity Analysis. Virendra Nath, Trambak Basak, Vipin Kumar , Amit Kumar Goyal. <i>Journal of Computational Biophysics and Chemistry</i> , 2021. https://10.1142/S2737416521500344 | Impact Factor: 2.44, |
| 6. | Structure based virtual screening of natural compounds and molecular dynamics simulation: Butirosin as Dipeptidyl peptidase (DPP-IV) inhibitor. Rakesh Kumar Paul, Virendra Nath, Vipin Kumar . <i>Biocatalysis and Agricultural Biotechnology</i> , 35, 102042, 2021. https://doi.org/10.1016/j.bcab.2021.102042 . | ELSEVIER |
| 7. | Virendra Nath, Manish Ramchandani, Neeraj Kumar, Rohini Agrawal and Vipin Kumar , Computational identification of potential dipeptidyl peptidase (DPP)-IV inhibitors: Structure based virtual screening, molecular dynamics simulation and knowledge based SAR studies, <i>Journal of Molecular Structure</i> , Volume 1224, 2021, Article 129006. | Impact Factor: 2.463, ISSN 0022-2860 |
| 8. | Nath. V., Agrawal. R., Kumar. V. , Structure based Docking and | Impact Factor |

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| | Molecular dynamics studies: Peroxisome proliferator-activated receptors α/γ dual agonists for treatment of metabolic disorders, <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 doi: 10.1080/07391102.2019.1581089, (Accepted) | 3.107 |
| 9. | Ankit Sharma, Shreetama Bandyopadhyaya, Kaushik Chowdhury, Tanu Sharma, Rekha Maheshwari, Amlan Das, Gopal Chakrabarti, Vipin Kumar , Chandi C. Mandal, Metformin exhibited anticancer activity by lowering cellular cholesterol content in breast cancer cells. PLoS ONE 2019, 14(1): e0209435.2019, https://doi.org/10.1371/journal.pone.0209435 | Impact Factor 2.776 |
| 10. | Thotakura, N., Sharma, S., Khurana, R.K., Babu, P.V., Chitkara, D., Kumar, V. , Singh, B., Raza, K., 2019. Aspartic acid tagged carbon nanotubols as a tool to deliver docetaxel to breast cancer cells: Reduced hemotoxicity with improved cytotoxicity. <i>Toxicology In Vitro</i> , 59, 126-134. | Impact Factor 3.067 ISSN: 0887- 2333 |
| 11. | Thotakura N, Kaushik L, Kumar V , Preet S, Babu PV., Advanced Approaches of Bioactive Peptide Molecules and Protein Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2019. doi: 10.2174/1381612825666190206211458 | Impact Factor 2.757 ISSN: 1873- 4286 (Online) ISSN: 1381- 6128 (Print) |
| 12. | Nath. V., Agrawal. R., Kumar. V. , Identification of novel G-protein coupled receptor 40 (GPR40) agonists by hybrid in silico screening techniques and molecular dynamics simulations thereof. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 doi: 10.1080/07391102.2018.1527255. | Impact Factor 3.107 |
| 13. | Agrawal. R., Agrawal. N., Kumar. H., Nath. V., Kumar. V. , Norbixin, an apocarotenoid derivative activates PPAR γ in cardiometabolic syndrome: Validation by in silico and in vivo experimental assessment. <i>Life Sciences</i> , 2018, 209 (15), Page 69-77. doi.org/10.1016/j.lfs.2018.08.001 | Impact Factor 3.234 |
| 14. | Rohini Agrawal, Virendra Nath, Harish Kumar and Vipin Kumar, (2018). Deciphering PPAR γ activation in cardiometabolic syndrome: studies by in silico and in vivo experimental assessment. <i>Journal of Receptors and Signal Transduction</i> , 2018, doi.org/10.1080/10799893.2018.1436560 | Impact Factor 1.775 |
| 15. | Nath. V., Agrawal. R., Kumar. V. , Virtual Screening and <i>In Silico</i> | Impact Factor 0.924 |

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| | Simulation Analysis for Rapid and Efficient Identification of Novel Natural GPR40 Agonist. <i>Letters in Drug Design & Discovery</i> , 2018, 2019, 16,000-000. doi:10.2174/1570180815666180914162935. | |
| 16. | Kumar H., Agrawal R., Kumar V. (2018). Barleria cristata: perspective towards phytopharmacological aspects. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70 (4), page 475–487. doi.org/10.1111/jphp.12881 . | Impact factor 2.309 |
| 17. | A. Rohini, Neeraj Agrawal, Harish Kumar, Vipin Kumar , Emerging role of Branched Chain Amino Acids in Metabolic Disorders: A mechanistic review. <i>Pharma Nutrition.</i> , 2018, 6 (2), Page 47-54. doi.org/10.1016/j.phanu.2018.01.003 | (SCImago indexed) |
| 18. | Umesh Gupta, Saurabh Sharma, Iliyas Khan, Avinash Gothwal, Ashok K. Sharma, Yuvraj Singh, Manish K. Chourasia, Vipin Kumar , Enhanced apoptotic and anticancer potential of paclitaxel loaded biodegradable nanoparticles based on chitosan. <i>International Journal of Biological Macromolecules</i> , 2017; 98:810-819. | Impact Factor: 3.909 |
| 19. | Sarita Rani, Rafquat Rana, Gaurav K. Saraogi, Vipin Kumar , Umesh Gupta, Self-Emulsifying Oral Lipid Drug Delivery Systems: Advances and Challenges, <i>AAPS PharmSciTech</i> , 2019, 20:129. | Impact Factor: 2.666 |
| 20. | Thotakura N, Kaushik L, Kumar V , Preet S, Babu PV.. Advanced Approaches of Bioactive Peptide Molecules and Protein Drug Delivery Systems. <i>Curr Pharm Des.</i> , 2019. doi: 10.2174/1381612825666190206211458 | Impact Factor 2.757 |
| 21. | Thotakura N, Sharma G, Singh B, Kumar V , Raza K. Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: an explorative study. <i>Artificial Cells Nanomedicine and Biotechnology</i> , 2018, 46(8):1763-1772. doi: 10.1080/21691401.2017.1392314 | Impact Factor 3.026 |
| 22. | Lalita Dahiya, Manoj Kumar Mahapatra, Ramandeep Kaur, Vipin Kumar , Manoj Kumar, Validation of TZD Scaffold as Potential ARIs: Pharmacophore Modeling, Atom-based 3D QSAR and Docking Studies, <i>Combinatorial Chemistry & High Throughput Screening</i> , 2017, 20(4), 310-320. | IF: 1.205 |
| 23. | Vikas Sharma, Raj Kamal, Vipin Kumar , Heterocyclic analogues | ISSN: 1873-4294 ISSN:1568- |

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| | as kinase inhibitors: a focus Review, <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 2482-2494. | 0266 IF:2.9 |
| 24. | Vikas Sharma, Pradeep Kumar, Raj Kamal, Vipin Kumar , Prospective natural analogues for anticancer therapy: A mini review, <i>Anti-Cancer agents in Medicinal Chemistry</i> , 2016, Accepted for Publication. | ISSN: 1871-5206 ISSN: 1875-5992 IF: 2.61, Bentham |
| 25. | 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 |
| 26. | Archana Sharma, Vipin Kumar , Rajeev Kharb, Sunil Kumar, Prabodh Chander Sharma and Dharam Pal Pathak, Imidazole Derivatives as Potential Therapeutic Agents, <i>Current Pharmaceutical Design</i> , 2016, 22(21), 3265 – 3301. | ISSN: 1873-4286 ISSN: 1381-6128 IF: 3.55, Bentham |
| 27. | Sharma A, Kumar V , Kumar S, Pathak DP, Sharma PC, Synthesis, characterization and biological evaluation of some imidazolyl thiazolidin-4-ones for antibacterial, antifungal and anthelmintic activities, <i>The Pharmacos</i> , 2016, Accepted, In Press | ISSN: 0369-951X |
| 28. | Vikas Sharma, Prabodh C Sharma, Vipin Kumar , Indolizine derivatives as phosphodiesterase IV inhibitors: Development and validation of pharmacophore models, <i>Bulletin of Pharmaceutical Research</i> , 2016, 6(2), 68-73. | ISSN: 2249-6041 ISSN: 2249-9245 IF:1.21 |
| 29. | Vikas Sharma, Prabodh C Sharma, Vipin Kumar , In Silico Molecular Docking Analysis of Natural Pyridoacridines as Anticancer Agents, <i>Advances in Chemistry</i> , Volume 2016, Article ID 5409387, 9 pages. | Hindawi Refereed journal |
| 30. | Archana Sharma, Vipin Kumar , Sunil Kumar, Dharam Pal Pathak, Synthesis, Characterization and Biological Evaluation of some Imidazole bearing hydrazones as possible Antimicrobial and Anthelmintic agents, <i>Bulletin of Pharmaceutical Research</i> , 2016, 6(1), 21-27. | ISSN: 2249-6041 ISSN: 2249-9245 |
| 31. | Archana Sharma, Vipin Kumar , Sunil Kumar , Dharam Pal Pathak, Synthesis, characterization and biological evaluation of some imidazole bearing thiazolidin-4- ones as possible antimicrobial and anthelmintic agents, <i>Current Chemical Biology</i> , 2015, 9(2), 113-122. | ISSN: 1872-3136 ISSN: 2212-7968 Bentham |

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| 32. | Vipin Kumar , Pradeep Kumar, Vikas Sharma. Xenobiotic and Non-Xenobiotic Interventions in the Microbiome Therapeutics, <i>Current Drug Metabolism</i> , 2015, 16(4), 284-293. | ISSN: 1875-5453 ISSN: 1389-2002 IF: 3.55 |
| 33. | 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 |
| 34. | Manjusha Choudhary, Vipin Kumar , Hitesh Malhotra, Surender Singh, Medicinal plants with potential anti-arthritic activity, <i>Journal of Intercultural Ethnopharmacology</i> , 2015; 4 (2):147- 179. | ISSN: 2146-8397, |
| 35. | 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 |
| 36. | 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. | ISSN 2278-0580 |
| 37. | 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, ELSEVIER 6 (1), 63-71. | ISSN: 2090-1232 |
| 38. | 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 |
| 39. | 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 |
| 40. | 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 |
| 41. | RakeshPahwa, Vipin Kumar , Kanchan Kohli. Alginate Beads | ISSN: 2231-606X, ISSN: |

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