

Dr. A. V. Patil

Degree	Year	University/Board	Class
B. Pharm	1992	Pune University	First Class
M. Pharm	1995	Pune University	First Class
PhD.	2011	BIT Ranchi	First Class

Research Area

Novel benzimidazole analogs as potential antiulcer agents.

Publication

1. Avinash Patil, Sanjay Surana, Swastika Ganguly Synthesis and Antiulcer Activity of 2-[{5-Substituted-1H benzo(d)imidazole-2-yl-sulfinyl}methyl]-3-substituted Phenyl Quinazoline-4(3H)-one Derivatives Vol.21, No.2 (2009), 1490-1494, Asian j.Chem
2. Avinash Patil, Sanjay Surana, Swastika Ganguly Synthesis and Antiulcer Activity of Novel 2-[{5-Substituted-1H benzo(d)imidazole-2-yl sulfinyl}methyl]-3-substituted Quinazoline-4(3H)-ones Vol. 19, Oct-Dec., 2009, 113-116, Indian J. Heterocyclic Chem.
3. Avinash Patil, Sanjay Surana, Swastika Ganguly Synthesis and Antiulcer Activity of 2-[{5-Substituted-1H benzo(d)imidazole-2-yl sulfinyl}methyl]-3-substituted Quinazoline-4(3H)-ones Vol. 121, No. 3(2010), 443-450, J. Chem. Sci
4. Avinash Patil, Sanjay Surana, Swastika Ganguly A systematic review of benzimidazole derivatives as an antiulcer agents Vol.1, No.3 (2008), 447-460, Rasayan J. Chem.
5. Avinash Patil, Sanjay Surana, Swastika Ganguly, Sanjay Pekamwar, Abhay Sangamwar Docking studies of novel 2-[{5-Substituted-1H benzo(d)imidazole-2-yl sulfinyl}methyl]-3-substituted Quinazoline-4(3H)-one Vol.1, No.4, 1227-1233, oct-dec 2009, International J. Of Pharm Tech Research
6. Avinash Patil, Mrutunjay Banerji Synthesis and antimicrobial activities of some novel schiffs base of quinazoline derivatives Vol.11(2), 2004, 100-102, J.T.R. chem

7. Avinash Patil, Shraddha Wagh Evaluation of HRBC Membrane Stabilization Activity of *Cicer arietinum* Linn. Pod Wall Vol.04, Issue 09, September 2011 Research Journal of Pharmacy and Technology
8. Avinash Patil, Shraddha Wagh Investigation on in-vitro Antioxidant activity of whole plant of *Cassia occidentalis* Linn. (Caesalpiniaceae) Vol.3, No.4, pp 1985-1991, Oct-Dec 2011 International Journal of PharmTech Research
9. Avinash Patil, Shraddha Wagh In vitro free radical scavenging and antioxidant activity of *cicer arietinum* L. (Fabaceae) Vol.4, no.1, pp 343-350, Jan-Mar 2012, International Journal of PharmTech Research
10. J.C.Hundiwale and Avinash Patil A current update on phytopharmacology of the genus *Alternanthera* Vol.5(4), pp 1924-1929, April 2012, J. of pharm. research
11. J.C.Hundiwale and Avinash Patil Synthesis and study of some novel benzimidazole analogs as antiulcer agents Vol.2 [3],pp 89-92, 2012 Int.j.of Pharm Chem
12. Nilesh Khairnar and Avinash Patil 3 H-Quinazolin-4-ones as Anticancer Agents: A Review Vol 6, Issue 10, 2016 Indo American Journal of Pharmaceutical Research,
13. Probodh Sapkale and Avinash Patil Thiazoles as an Anticancer Agents: An Overview Vol 6, Issue 10, 2016 Indo American Journal of Pharmaceutical Research
14. R.S.Sonawane and Avinash Patil Review on imidazopyridine derivatives as potent reversible inhibitors of the gastric H⁺, K⁺ATPase Vol. 7, Issue 07, 2017 Indo American Journal of Pharmaceutical Research
15. Kishore Deo and Avinash Patil Review on quinoline analogs as potential anti-hiv agents Vol. 7, Issue 07, 2017,334pp Indo American Journal of Pharmaceutical Research
16. Kishore Deo and Avinash Patil Docking, Synthesis and Biological Evaluation of Novel Diketoquinoline Analogues as HIV-1 Integrase Inhibitor Vol. 31, no.9, 2019, 2000-2008, Asian J. of Chem,doi.org/10.14233/ajchem.2019.22045

17. RAVINDRA S. SONAWANE¹, KIRAN D. PATIL and AVINASH V. PATIL Design, Synthesis and Pharmacological Evaluation of Novel Imidazopyridine Analogues as Proton Pump Antagonist Vol.32(4),2020,776-82, Asian Journal of Chemistry
18. K. D. Deo , I. J. Singhvi , S. Murugesan , G. P. Vadnere and A. V. Patil Design, synthesis and biological evaluation of novel quinoline analogues as hiv-1 integrase inhibitor Vol.11(3),2020, 1210-1223, International Journal of Pharmaceutical Sciences and Research
19. RAVINDRA S. SONAWANE¹, Mrunal Shirsat, S.R.Patil, J.c.Hundiwale and AVINASH V. PATIL Design and Synthesis of Novel Imidazopyridine Analogues and Evaluation as H⁺/K⁺-ATPase Antagonist Vol.32,no.11, 2685-2692, 2020,Asian Journal of Chemistry
20. Prashant Chavan, Amitkumar Raval, Avinash V. Patil Review on pyrimidine analogs as potential antihyperlipidemic agents Vol 10 Issue 11, 2020, Indo American Journal of Pharmaceutical Research.
21. Nilesh Khairnar, Malleshappa Noolvi, Avinash Patil Synthesis, Anti-microbial and Anti-oxidant activity of Novel Triazolo-Quinazolines, vol.12(3), Dec.2020,863-870, International Journal of Pharmaceutical Research. (published in 2021)
22. Nilesh Khairnar, Malleshappa Noolvi, Avinash Patil Synthesis and Biological Evaluation of Novel Triazolyl Quinazolin-4-one Derivatives as Anticancer agents, vol 7(11), 2020, 5201-5214. European Journal of Molecular & Clinical Medicine. (published in 2021)

Books and Book Chapter Published

1. (entitled-'Alkaloids') Publisher-Innovare Academic Science Pvt.Ltd.,2017,ISBN NO.978-81928286-1-9(Introduction to Alkaloids, Biosynthesis of Alkaloids, Production of Alkaloids, Plants containing Alkaloids)
2. A Practical Book of Biochemistry and clinical pathology.S.Vikas and Com.(medical Publisher) Pee Vee books March 2020.
3. Chapter Publication: Chapter"Bioremediation: A Potential Tool for Minimizing Industrial, Agricultural and Environmental Pollution" in book "New Vistas in Microbial Sciences (Volume - 1)".Integrated Publications www.integratedpublications.in Address: H-34/3, Sector - 3, Rohini, Delhi - 110085, India

Conference /Workshop/FDP/STTP Attended

1. Attended AICTE sponsored National Seminar on 'New Avenues In Drug Design' organized by AISSMS College of Pharmacy on 14 to 19 may 2001 Pune. (MS)
2. Attended UGC sponsored Refresher Course in Pharmaceutical Sciences organized by Department of Pharmacy, Annamalai University on 10 to 30 june 2002 Annamalai. (TN)
3. Attended two days national seminar on Recents Trends In Phytomedicines and Nutraceuticals organised by R.C.patel college of pharmacy shirpur on 5 & 6 nov. 2006 (MS)
4. Attended One Day Workshop on Recent Advances In Pharmaceutical Analysis organized by R.C. Patel College of Pharmacy, 24 sept. 2005 Shirpur. (MS)
5. Attended Two Days Workshop on Screening Techniques in Experimental Pharmacology organized by R.C. Patel College of Pharmacy, 1 & 2 Oct. 2005 Shirpur. (MS)
6. Attended Two Days Workshop on Trends In Drug Discovery and Development organized by B. V.D.U.'s Poona College of Pharmacy, 10 & 11 sept. 2005 Pune. (MS)
7. Attended Two days workshop on Intellectual Property Rights With Special Reference to Patents organized by North Maharashtra University, Jalgaon on 27th & 28th Sept. 2005. (MS)
8. Attended One-Day Seminar on " Excellence in Pharmacy Education" at Smt. S. S. Patil College. Of Pharmacy, Chopda, Dist. Jalgaon on 06 Sept. 2005. (MS)
9. Attended two days National Seminar on "Interdisciplinary Sciences in Pharmacy" at Smt. S. S. Patil College. Of Pharmacy, Chopda, Dist. Jalgaon on 25th & 26th Feb. 2006 (MS)
10. Attended AICTE Sponsored staff development programme organized by R.C.patel college of pharmacy shirpur entitled Recent Trends In Experimental Pharmacology held between 5 to 17 feb 2007. Shirpur. (MS)
11. Attended one day seminar on Practical Introduction to Green Chemistry organized by sinhgad college of pharmacy on 26 nov. 2005 Pune. (MS)
12. Attended AICTE sponsored quality improvement programme on Computer Aided Drug Design a New arena in Drug Discovery and Development organised by department of pharmaceutical sciences BIT mesra Ranchi on 2 to 15 may 2007

13. Attended two days International seminar cum workshop on Computational Drug Discovery in Pharma R&D organized by SVKMS NMIMS University, Vile Parle, Mumbai on 6 & 7 Aug. 2007.
14. Attended AICTE sponsored quality improvement programme on Drug Discovery and Development organised by department of pharmaceutical sciences BIT mesra Ranchi on 23 to 25 June 2008
15. Attended AUPPC sponsored two days National seminar on 'Recent trends in pharmacy and future scenario' organized by Smt.S.S.Patil College of Pharmacy Chopda on 15 and 16 Feb. 2012 Chopda. (MS)
16. Attended two days National seminar on 'Current trends and Recent Advancement On Herbal Formulation' sponsored by Department of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy, Ministry of Health and Family Welfare, Government of India, New Delhi organized by R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur on 21 and 22 Feb. 2012, Shirpur. (MS)
17. Attended UGC and SAP Sponsored one day National Seminar on 'Recent Challenges IN Pharmaceutical Sciences and Technology' organized by Division of Pharmaceutical Technology, UDCT, NMU, Jalgaon on 28 March 2012, Jalgaon. (MS)
18. Attended one day National Conference on 'Trends in Chromatography and Spectroscopic Techniques' organized by R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur on 6 October, 2012, Shirpur. (MS)
19. Attended UGC and SAP Sponsored one day National Seminar on 'Recent Challenges IN Pharmaceutical Sciences and Technology' organized by Division of Pharmaceutical Technology, UDCT, NMU, Jalgaon on 16 March 2013, Jalgaon. (MS)
20. Successfully completed one day training for Auditing of Quality Management System as per ISO 9001-2008 by Shree Consultant, Management system consultant on 26 June 2014 organized by Smt. S. S. Patil College. of Pharmacy, Chopda, Dist. Jalgaon (MS)
21. Participated in three days AICTE recognized short term course on 'NBA Accreditation' conducted by National Institute of Technical Teachers Training and Research, Bhopal, Ministry of HRD, Govt. of India from 22 Sept. to 24 Sept. 2014 at Smt. S. S. Patil College. of Pharmacy, Chopda, Dist. Jalgaon (MS)

22. Participated in 'NAAC' awareness workshop under National Quality Renaissance (NQRI) organized by Internal Quality Assurance Cell of North Maharashtra University, Jalgaon, sponsored by NAAC, Bangalore on 23-24 march 2015
23. Attended three days International conference on 'Global Challenges In Drug Discovery, Development and Regulatory Affairs' organized by Department of Pharmacy, Nirma University, Ahmedabad on 21-23 jan 2016, Ahmedabad. (GJ).
24. Attended one day National Conference on 'Structure Interpretation of Organic Compounds'' organized by R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur on 24th sept.2016, Shirpur. (MS)
25. Attended two day International Conference on 'Artificial Intelligence in Health Care' organized by S.V.K.M's NMIMS Mukesh Patel Technology Park, Shirpur on 27-28th Dec.2016, Shirpur. (MS)
26. Attended three days International conference on 'Innovation in Pharmaceutical Research by Interdisciplinary Approach' organized by Department of Pharmacy, Nirma University, Ahmedabad on 23 -25 Jan 2018, Ahmedabad. (GJ).
27. Attended two days national conference on 'Recent Paradigm of Pharmaceutical Education and Research' organized by Society of Pharmaceutical Education and Research, Borgaon Meghe, Wardha, MS on 22 - 23 Feb 2019.
28. Attended two days national conference on 'Current Trends and Novel techniques in Pharma Research and development' organized by SNJB'S Shriman Sureshdada Jain College of Pharmacy, Chandwad-423101 on 18 - 19 Nov 2019, Dist. Nasik, Maharashtra.
29. Worked as Expert for Avishkar-2019, organized by KBC NMU-Jalgaon at S. G. Patil Arts, Science College, Sakri.on 30 Dec 2019.
30. Attended one day National webinar on 'X-ray Diffraction –Technology and Applications in Pharmceutical Sciences' on 15 June 2020, organized by R.C.Patel Institute of Pharmaceutical Education and Research, Shirpur,MS.
31. Attended one week QIP-AICTE sponsored on 'Current Trends in Pharmaceutical Sciences:Special Focus on Clinical Research'on 22 Sept. to 29 sept.2020, organized by Delhi Institute of Pharm Sciences and research.

32. Attended one week STTP-AICTE sponsored on 'Target based drug design strategies utilizing CADD tools and ecofriendly microwave assisted green synthesis' on 27 April to 2 May 2020, organized by ISF College of Pharmacy, Moga.
33. Attended one day National webinar on 'Natural Molecules as Significant Immuno-Modulators and Antiviral Agents against SARS-Cov-2/Covid-19 on 18 Oct.2020, organised by Society of Pharmaceutical sciences and research.
34. ATAL FDP,AICTE sponsored Attended on Chromatography,advancement in instrumentation and applications on 12 Oct to 16 Oct 2020, organized by Dr.D.Y.Patil Institute of Pharm sciences and Research, Pune.
35. Attended two days International Virtual conference on Computer Aided Drug Design on 30 Oct to 31 Oct 2020, organized by BIT, Pilani.
36. Attended one day National webinar on 'NDMA Impurity in Medicine:A source of bewilderment for Patient on 1 Nov.2020, organised by Society of Pharmaceutical sciences and research.
37. Attended two day National webinar on 'Genotoxic Impurities is essential medicine-impact on public health and current regulatory challenges' on 10-12 nov 2020 organised by dept of pharm analysis,JSS college of pharmacy Ooty, The nilgiris,Tamilnadu.sponsoredby AICTE and IPA
38. Attended one day National webinar on 'Teachers' Architects of Future Generation on 5th sept.2021, organized by Brahma kumaris,Mt.Abu and Rajyoga Education and Research foundation,Mount Abu, Rajasthan.
39. Attended one day National webinar on 'Journey of Indias first COVID diagnostic kit,MY LAB on 11th sept.2021, organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee, Nagpur.
40. Attended two days AICTE sponsored National Conference on ' Precision medicine: Current scenario and Future Aspect' on Sept. 24-25 2021, organized by Aurobindo Institute of Pharmacy, Indore, MP.
41. Participated one week web training course on 'New era technologies in Formulation Design Space' from 17-22 Jan 2022, organized by UGC networking resource centre University institute of pharm sciences,Panjab University,Chandigarh.

- Life member of IPA, APTI
- Member of Board of Studies and Faculty of Pharmacy and Medicine (North Maharashtra University-Jalgaon)
- Member of Board of Study and Faculty of Pharmacy and Medicine from 2005-2010
- Member of Board of Study of Pharmaceutical Chemistry from 2011-2016
- Member of Board of Study of Pharmaceutical Chemistry and faculty of pharmacy from 2017-2022
- Member of Board of Study of Pharmaceutical Chemistry and faculty of pharmacy from 2023-2028