Dr. M. P. SADASHIVA

PROFESSOR

DOS IN CHEMISTRY
MANASAGANGOTRI,
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EDUCATIONAL QUALIFICATION

- **2007** Ph.D. (Chemistry), University of Mysore, India.
- **2000** M.Sc. Chemistry, (68%) University of Mysore, India.
- **1997** B.Ed. (P C M), (68%) University of Mysore, India.

ACADEMIC AFFILIATIONS/AWARDS/RESEARCH POSITIONS

- **JULY 2022 - PRESENT**: Professor, DOS in Chemistry, UOM, Mysuru-06.
- **2019-2022**: Associate Professor, DOS in Chemistry, UOM, Mysuru-06.
- **2007-2019** Assistant Professor, DOS in Chemistry, UOM, Mysuru-06.
- **2013-2014** "Indo-US Raman Fellowship Award" to conduct research for one year as a Visiting Fellow at the Department of Bio – chemistry and Molecular Biology, The Penn State University, College of Medicine, Hershey, Penn State, USA.
- **2012-2013** VGST -Young Scientist Award.
- **2007-2008** Young Research Fellowship Award from the Ministry of European Research (MER), Italy.
- **2006** CSIR-Senior Research Fellow (Medical Sciences).
- **2003-2006** "Most Cited Paper Award from the Elsevier Ltd, Oxford, UK" for a publication in Bioorganic & Medicinal Chemistry.
- **2004** University Postgraduate Junior Research Fellow.
- **AUG-2000 - SEPT-2002** Research chemist – Jubilant Organosys Ltd, Nanjangudu, Mysore, Karnataka, India.

ACADEMIC AND RESEARCH BACKGROUND

Dr. M. P. Sadashiva is currently working as a Professor in the Department of Studies in Chemistry, University of Mysore, Mysuru. He was born in 1973 in Maralinganadoddi, Mandya District, Karnataka and had his early education in Mandya. He studied B.Sc. (1994-1996) and M.Sc. (Chemistry, 2000-2002) at the University of Mysore. Soon after completing his M.Sc. degree, he worked as a research chemist at Jubilant Organosys Ltd, Nanjangudu, Mysore. In 2004, he joined as a University Postgraduate Junior Research Fellow for his Ph.D. degree under the guidance of Prof. K. S. Rangappa, Department of Studies in Chemistry, University of Mysore. He continued his receiving a CSIR Senior Research Fellowship (2006-2007) and obtained his Ph.D. degree in 2007. For his Ph.D., he worked on several biologically active and pharmacologically useful novel heterocyclic compounds. In 2007, he has joined as a lecturer in the Department of Studies in Chemistry, Manasagangotri, University of Mysore, where he has been teaching Chemistry and conducting research on various classes of heterocyclic compounds pharmacological applications. He did postdoctoral research training in Italy and USA supported by prestigious fellowships from Ministry of European Young Scientist Fellowship and Indo-US Raman Postdoctoral fellowship in 2007 and 2013 respectively. As a research guide successfully guided 11 candidates and 08 candidates are working. His research projects have been supported by grants from UGC (07 Lakhs), VGST-Karnataka (10 Lakhs), UGC-Institute of Excellence (08 Lakhs as coordinator), departmental project UGC-SAP-DRS-III (92 Lakhs as deputy coordinator) and recently VGST awarded K-FIST-L1 of 15 Lakhs. He has published more than 60 research papers in reputed international journals. His current research interests include synthesis of biologically active heterocyclic compounds and the development of facile methods using a green chemistry approach to obtain compounds in high yields. He teaches chemistry to post-graduate students. He has been a recipient of Top-50 Most Citation Award from Oxford UK press. His other research and academic activities include serving as a member of the board of examinations, board of studies, and organizing symposium/workshop/conferences in the university. He is a member of Indian Chemical Society, Indian Science Congress, and Indian Council of Chemists.

MEMBERSHIP IN PROFESSIONAL COMMITTEES AND ADMINISTRATIVE POSITIONS HELD

- Deputy Registrar (General), University of Mysore, Mysuru, July -2019 –2021.
- Selection committee, BGS College, 2019, Nagamangala, Mandya.
- Secretary, Chemical Society, DOS in Chemistry, University of Mysore, Mysuru-2018.
- Special Officer, University Authorities, University of Mysore, Mysuru-2018.
- Deputy Registrar (Authority), University of Mysore, Mysuru-2017.
- Department Council Member, Department of Studies in Chemistry, Manasagangotri, University of Mysore.
- Member, Board of Studies, DOS in Chemistry, Manasagangotri, University of Mysore.
- Member, Board of Examination, DOS in Chemistry, Manasagangotri, University of Mysore.
- Member, Board of Studies, St. Philomena's College, Mysuru.
- Member, PG Sports Council, University of Mysore, Mysuru.
- Member, OBC Cell University of Mysore, Mysuru.

RESEARCH PROJECTS: COMPLETED/ONGOING AS PRINCIPAL INVESTIGATOR

Sl. No	TITLE	FUNDING AGENCY	DURATION	GRANT Rs.
1	Synthesis and Biological Evaluation of Novel Isoxazolines and Subsequent β-Amino Alcohol	IOE India	2010 - 2012	8.00 Lakhs
2	Stereoselctive Synthesis and Comparision of PLA2 Enzyme Interaction with Chiral Isoxazolines and Subsequent β-Amino Acids	UGC India	2010 - 2013	7.13 Lakhs
3	Synthesis and Structural Elucidation of Biologically Significant New Ibuprofen Derivatives	VGST Govt. of Karnataka	2013 - 2015	10.00 Lakhs
4	Bio-Organic and Medicinal Chemistry (Deputy Coordinator)	UGC-SAP-DRS-III	2016 - 2021	92.00 Lakhs
5	IOE PROJECT: (DV 2/30/PDF/PA/IOE/2010-11 (VOL-II)Dated 16.10.2019)	IOE India	2020 - 2023	10.00 Lakhs
6	Design and Synthesis of Potential JAK2 inhibitors via Organic Substrate from Dithioesters	K-FIST L1:VGST Govt. of Karnataka	2023 - 2024	15.00 Lakhs

RESEARCH

SUCCESSFULLY GUIDED FOR 11 CANDIDATES AND 08 CANDIDATES ARE WORKING FOR Ph.D. DEGREE

CANDIDATE NAME	TITLE OF THE THESIS	AWARDED
K. N. DEVARAJ REDDY	Synthesis and Activity Studies of Triterpenoid and 1,4-Benzodiazepine Derivatives	**2015**
VINAYAKA. A. C.	Synthesis of New Derivatives of Quinolone, Isoxazole and Isoxazolines and their Biological Activity	**2016**
K. S. VINAY KUMAR	1,3-Dipolar Cycloaddition Reactions to Build Biologically Significant New Derivatives of Isoxazole, Isoxazoline and Triazole	**2016**
LINGARAJU G. S.	Synthesis, Characterization and Biological Studies of New Isoxazoline, Thiazole and Pyrazole Derivatives	**2016**
PRADEEPA KUMARA C. S.	Synthesis and Characterization of Biologically Significant Thiophenes and Curcumin Derivatives	**2016**

Y. K. BOMMEGOWDA	Synthesis of Biologically Significant Benzimidazole, Benzothiazole, Isoxazoline and Phenolic Compounds	**2016**
BYRE GOWDA G.	Design and Synthesis of Sulfur Containing 1, 3 - Dielectrophilic Building Blocks and to Explore Their Synthetic Applications to Aromatics and Heterocyclic Scaffolds	**2016**
S. M. ANIL	Design, Synthesis and Biological Evaluation of Multi-Pharmacophore Conjugated Amino Acids/Peptides	**2019**
RAJEEV N	Synthesis, Characterization And Biological Evaluation Of Heterocyclic Compounds	**2020**
KIRAN K R	Synthesis of Biologically Significant Nitrogen Containing Heterocyclic Compounds	**2022**
SHRUTHI J B	Synthesis and Biological Studies Of Heterocyclic Compounds	**2022**

RESEARCH COLLABROTION

- Departments of Pharmacology, Pennsylvania State University College of Medicine, 500 University Drive, Hershey, PA 17033, USA.
- Departments of Biochemistry and Molecular Biology, Pennsylvania State University College of Medicine, 500 University Drive, Hershey, PA 17033, USA.
- Laboratory of Proteoglycan Signalling and Therapeutics, Faculty of Advanced Life Science, Hokkaido University Graduate School of Life Science, Sapporo 110021, Japan.
- Department of Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore, Kent Ridge, 117597, Singapore.
- Department of Biochemistry, JSS Medical College, Mysore, Karnataka, India.
- Department of Biochemistry, University of Mysore, Mysore, India.
- Department of Microbiology, University of Mysore, Mysore, India.

CONFERENCE ATTENDED/PARTICIPATED

- **2003** **"Emerging Research Trends and Developments in Chemistry (ERTDC)",** *Poster presentation, Kakatiya University, Andra Pradesh.*
- **2006** **"National symposium on Bioorganic and Medicinal chemistry (NSBM)",** *Poster presentation, University of Mysore, Karnataka, India.*
- **2006** **18th International conference on Physical and organic chemistry (IPOC)** *Poster presentation University of Mysore, Karnataka, India.*
- **2006** **ICC Conference –** *Oral presentation, Kalyan, Mumbai.*
- **2008** **International School Advanced Material Science and Technology 10th Course: "Industrial Applications of Nanotechnologies II"** *2-5, September, Jesi, Italy.*
- **2009** **"International Conference on Current Trends in Chemistry and Biochemistry"** *18th & 19th, December, 2009, Bangalore University.*
- **2010** **National Conference on "Plant Diversity and Plant Health"** *University of Mysore, Mysore.*
- **2011** **"National conference on Recent trends in Chemistry"** *16th & 17th, September, Mandya, University of Mysore, Karnataka, India.*
- **2011** **"International Symposium on Challenges in Drug Discovery Programme"** *University of Mysore, Karnataka, India.*
- **2011** **"International conference on Synthetic and structural Chemistry"**

Mangalore, Karnataka, India.

- **2011** **National Conference on Recent Trends in Chemistry**
  P.E.S. College of science, arts and commerce, Mandya, Karnataka, India.
- **2011** **Seminar on Chemistry of Materials**
  Sri Jayachamarajendra College of Engineering, Mysuru.
- **2013** **100th Indian Science Congress,** *Calcutta University, Kolkata, India.*
- **2013** **Seminar on Recent Advances in Chemical Biology-An Overview**
  Government Science College, Hassan.
- **2012** **Intellectual Property Rights in Bio-Informatics**
  JSS College of arts, commerce and science, Mysuru.
- **2014** **International Symposium on Chemical Biology –Drug Discovery**, *University of Mysore.*
- **2014** **National Conference on Pure and Applied Chemistry**
  DOS in Chemistry, University of Mysore, Mysuru.
- **2015** **Seminar on Boon and Curse of Biotechnology**, *University of Mysore, Mysuru.*
- **2015** **Workshop on NMR Techniques**, *IOE-University of Mysore, Mysuru.*
- **2016** **103th Indian Science Congress Conference**, *University of Mysore, Mysuru.*
- **2019** **Recent Innovations in Medicinal and Material Chemistry (RIIMMC – 2019)**
  DOS in Chemistry, University of Mysore, Mysuru.
- **2020** **National Conference on Innovations in Chemical Sciences (NCICS-2020)**
  DOS in Chemistry, University of Mysore, Mysuru.
- **2021** **27th CONIAPS for Chemistry Section**, which was jointly organized by SPS, JNU and Department of Chemistry, BHU during October 26-28, 2021, through online mode on Recent Advances in Chemical Sciences.
- **2021** **TWO DAY INTERNATIONAL e-CONFERENCE ON DRUG DISCOVERY AND MATERIAL SCIENCE**
  15-16 Sep 2021, Organized by the IQAC and Department of Chemistry (UG & PG) of the JSS College of Arts, Commerce and Science, Mysuru

CONFERENCE/WORKSHOP: ORGANIZED

- **2009** **Workshop on Industrial Applications of Nanotechnologies II** *held in JESI (Ancona), Italy*
- **2015** **Computational Methods in small Molecule and Bio-pharmaceutical Drug Discovery 2015**
  IOE-University of Mysore, Mysuru, Organizing Secretary.
- **2015** **Workshop on NMR Techniques**
  IOE-University of Mysore, Mysuru, Advisory Committee Member.
- **2016** **"103th Indian Science Congress Conference"**
  Chair for the Post Session under Chemical Sciences.
- **2020** **National Conference on Innovations in Chemical Sciences (NCICS-2020)**
  Chair for the Session, *DOS in Chemistry, University of Mysore, Mysuru.*

LECTURE/SPEECH/e-CONTENT DEVELOPMENT

- HRDC-M Delivered Special lecture
- Karnataka State Open University Delivered Four Lectures
- BET Academy of Higher Education Delivered Special Three Lectures
- NSS University of Mysore, Mysuru delivered three Lectures at National Service Scheme Camp
- EMMRC, University of Mysore, Mysuru. Ten (10) e-content development and lecture delivery

RESEARCH PUBLICATIONS

1. **Sadashiva, M. P.**, Nataraju, A., Mallesha, H., Rajesh, R., Vishwanath, B. S., and Rangappa, K. S. "Synthesis and evaluation of trimethoxyphenyl isoxazolidines as inhibitors of secretory phospholipase A_2 with anti-inflammatory activity" *Int. J. Mol. Med.,* **2005,** 16, 895-90.
2. **Sadashiva, M. P.**, Mallesha, H., Hithesh, N., and Rangappa K. S. "Synthesis and microbial inhibition study of novel 5-imidazolyl substituted isoxazolidines" *Bioorg. Medicinal Chem.,* **2005**, 12, 6389.
3. **Sadashiva, M. P.**, Mallesha, H., Karunakara Murthy., and Rangappa K. S. "Enhancement in Antimicrobial activity of 2-(Phenyl)-3-(2-butyl-4- chloro-1*H*-imidazolyl)-5-butylate isoxazolidine"*Bioorg. Medicinal Chem. Lett***., 2005**, 15, 1811.
4. **Sadashiva, M. P.**, Basappa, Rangappa, K. S., Doreswamy, B. H., Sridhar, M. A., and Shashidhara Prasad, J. "Synthesis and crystal structure studies of 5-allyl-5*H*-dibenzo[*b,f*]azepine" *J. Chem. Cryst.*, **2005**, 35, 171- 175.
5. Basappa, Mantelingu, K., **Sadashiva, M. P.,** and Rangappa, K. S., "A simple and efficient method for the synthesis 1,2-benzisoxazoles: a series of its potent acetylcholinesterase inhibitors" *Ind. J. Chem. Sec B.,***2004**, 44B, 1954.
6. Mallesha, H., Ravi Kumar, K. R., **Sadashiva, M. P.,** Rangappa, K. S., Devaraja Gowda, H. C., and Shashidhara Prasad, J. "Crystal and molecular structure studies of 2-(3-chlorophenyl), 3,5-diphenyl isoxazole" *J. Chem. Cryst.,* **2004**, 34, 281.
7. Basappa,**Sadashiva, M. P.**, Mantelingu, K., NanjundaSwamy, S., and Rangappa, K. S. "Solution phase synthesis of novel δ^2–isoxazoline libraries via 1,3-dipolar cycloaddition and their antifungal properties" *Bioorg. Medicinal Chem.,* **2003,** 11, 4539-4544.
8. Naveen, S., **Sadashiva**, **M. P.,** Rangappa, K. S., Sridhar, M. A., and Shashidhara Prasad, J. "2-Methyl-N-(3,4,5-trimethoxybenzylidene)aniline *N*-oxide" *Acta Cryst.,***2006,** 62, 4793.
9. Thimmegowda, N. R., **Sadashiva, M. P.**, Vishwanath, B. S., and Rangappa, K. S. "Synthesis and evaluation of tricyclic dipyridodiazepinone derivatives as inhibitors of secretory phospholipase A_2 with anti-inflammatory activity" *Curr. Top. Med. Chem.,* **2007,** 7, 811-820.
10. Sunil Kumar, Y. C., **Sadashiva**, **M. P.,** and Rangappa, K. S. "An efficient synthesis of 2-(1-methyl-1,2,5,6-tetrahydropyridin-3-yl)morpholine: a potent M_1 selective muscarinicagonist" *Tetrahed. Lett.,* **2007**, 48, 4565.
11. Chandrappa, S., **Sadashiva**, **M. P.,** and Rangappa, K. S. "*N*-Methyl Morpholine Chlorochromate: An efficient reagent for oxidation of primary and secondary alcohols to carbonyl compounds" *Synth. Commun.,* **2008**, 38(15), 2638-2645.
12. Anand Kumar, C. S., Murthy, K., **Sadashiva, M. P**., Vinaya, K. Thimmegowda, N. R., Benaka Prasad, S. B., Chandrappa, S. and Rangappa, K. S."Synthesis and In Vitro Antimicrobial Activity of Medicinally Important Novel N-alkyl, N-aryl and Urea Derivatives of 1 benzhydrylPiperizine: A Structure-Activity Relationship Study" Lett. Drug Des. Discov., **2009**, 9, 146-154.
13. Mahadeva Prasad, T. N., **Sadashiva**, **M. P.,** Thippeswamy, G. B., Ragava, B., Lakshminarayana, B. N., Sridhara, M. A., Shashidhara Prasad, J., and Rangappa, K. S. "Synthesis and structural conformation of a novel isoxazole derivative: 5-(3-dimethylane-p-tolylsulfonyl)-propyl-3-(4-flurophenyl)-isoxazole" *X-ray Structure Analysis*, **2011**, 27, 1177.
14. Lingaraju, G. S., Swaroop, T. R., Vinayaka, A. C., Sharath Kumar, K. S., **Sadashiva**, **M. P**., and Rangappa, K. S. "An easy access to 4,5-disubstituted-1,3-thiazoles via base induced click reaction of active methylene isocyanides with methyl dithiocarboxylates" Synthesis **2012,** 44, 1373.
15. Devaraj Reddy, K. N., **Sadashiva, M. P.,** Mahesh, M., Bettadaiah, B. K., Geetha, N. P. "HPLC Method for Determination of Acetylated Arjunolic acid-A derivative of Arjunolicacid from Terminalia arjuna and their

Antioxidant Activity" *Int. J. Res. Phytochem. Pharmacol.,* **2012**, 2, 188.

16. **Sadashiva, M. P.,** Basappa, and Rangappa, K S. "Anti-cancer activity of novel dibenzo[*b,f*]azepine tethered isoxazoline derivatives" *BMC chemical Biology,* **2012,**12:5.
17. Abdoh, M. M. M., Madan Kumar, S., Vinay Kumar, K. S., Manjunath, B. C., **Sadashiva, M. P.** and Lokanath, N. K. "5-(Prop-2-yn-1-yl)-5*H*-dibenzo[*b,f*]azepine: orthorhombic polymorph" *ActaCryst.***2013**, E69, 17.
18. Devaraj Reddy, K. N., **Sadashiva, M. P.,** Mahesh, M., Bettadaiah, B. K., Geetha, N. P. "HPLC Method for determination of acetylated arjunolic acid-a derivative of arjunolicacid from terminaliaarjuna and their antioxidant activity" *Int. J. Res. Phytochem. Pharmacol.,* **2012**, 2, 188.
19. Puneetha, G. K., Thriveni, M. C., Murali, M., Shivamurthy, G. R., Niranjana, S. R., Prakash, H. S., **Sadashiva, M. P.,** Amruthesh, K. N., "Evaluation of a parasitic flowering plant DendrophthoetrigonaDanser for its phytochemical and anti-oxidant activities" *Journal of Pharmacy research,* **2013,** 7, 20.
20. Bommegowda, Y. K., Lingaraju, G. S., SajiThamas, Vinay Kumar, K. S., Pradeepa Kumara, C. S., Rangappa, K. S., **Sadashiva, M. P**. "Weinreb amide as an efficient reagent in the one pot synthesis of benzimidazoles and benzothiazoles" *Tetrahed.lett.,* **2013**, 54, 2693.
21. Manjunath, B. C., Madan Kumar, S., Vinay Kumar, K. S., Prabhuswamy, M., **Sadashiva, M. P**., Lokanath, N. K., "Synthesis and Crystal Structure of 4-[5-(4-Benzoyloxyphenyl)-1,2,4-oxadiazol-3-yl]phenyl benzoate" *ActaCryst.,* **2013**, E69, o543.
22. Manjunath, B. C., Vinay Kumar, K. S., Madan Kumar, S., **Sadashiva, M. P**., Lokanath, N. K., "Synthesis and Crystal Structure of 5-[(4-Benzyl-1*H*-1,2,3-triazol-1-yl)methyl]-5*H*-dibenzo[*b,f*]azepine" *ActaCryst.,***2013**, E69, 1233.
23. Manjunath, B. C., Vinay Kumar, K. S., Madan Kumar, S., **Sadashiva, M. P**., Lokanath, N. K., "synthesis and crystal structure of 5-[(1-benzyl-1*H*-1,2,3-triazol-4-yl)methyl]-5h-dibenzo[*b,f*]azepine" *ActaCryst.,* **2013,** E69, 1763.
24. Devaraj Reddy, K. N., Sridhar, C., Shabari, **Sadashiva, M. P**., "Synthesis & antidepressant activity of 2,3,4,5-tetrahydro-1*H*-1,4-benzodiazepine derivatives" *Int. J. Res. Phytochem. Pharmacol.,* **2014,** 3, 155-159.
25. Byre Gowda, G., Charanraj, T.P.,Pradeepa Kumara, C. S., Ramesh, N., Thomas, S. P., **Sadashiva, M. P**., Junjappa, H.,"Synthesis of novel β-aryl-β-(methylthio)acroleins via Vilsmeier–Haack protocol as potential 1,3-dielectrophilic three-carbon building blocks" *Tetrahed. lett.* **2014,** 55, 4475**.**
26. Vinayaka, A. C., **Sadashiva, M. P**., Xianzhu Wu., Biryukov, S. S., Stoute, J. A., Rangappa, K. S., and Channe Gowda, D., "Facile synthesis of antimalarial 1,2-disubstituted 4-quinolones from 1,3-bisaryl-monothio-1,3-diketones"*Org. Biomol. Chem.*, **2014**, 12, 8561**.**
27. Shankar, M. K., Manjunath, B. C., Vinay Kumar, K. S., Pampa, K. J., **Sadashiva, M. P**., & Lokanath, N. K. (2014). Crystal Structure, Spectral Studies, and Hirshfeld Surfaces Analysis of 5-Methyl-5H-dibenzo [b, f] azepine and 5-(4-Methylbenzyl)-5H-dibenzo [b, f] azepine. Journal of Crystallography, 2014.
28. Rakesh, K. S., Jagadish, S., Vinayaka, A. C., Hemshekhar, M., Manoj Paul., Ram, M.T., Sundaram, M. S., Swaroop, T. R., Mohan, C. D., Basappa., **Sadashiva, M. P.,** Kemparaju, K., Girish, K. S., Rangappa, K. S., "A New Ibuprofen Derivative Inhibits Platelet Aggregation and ROS Mediated Platelet Apoptosis" *PLoS One,* **2014**, 9, e107182.
29. **Sadashiva**, **M. P.,** Raghavendra Gowda, Xianzhu Wu, Gajanan S. Inamdar, Omer F. Kuzu, Kanchugarakoppal S. Rangappa, Gavin P. Robertson, D. Channe Gowda "A non-cytotoxic *N*-dehydroabietylamine derivative with potent antimalarial activity" *Experimental Parasitology,* **2015**, 155, 68-73.
30. Vinay Kumar, K. S.,Lingaraju, G. S., Bommegowda, Y. K., Vinayaka, A. C., Pritesh Bhat, Pradeepa Kumara C.S., Rangappa, K. S., Channe Gowda, D., **Sadashiva, M. P**., "Synthesis, antimalarial activity, and target binding of dibenzazepine-tethered isoxazolines" *RSC Adv.*, **2015,** 5, 90408.

31. Vinayaka, A. C., Swaroop, T. R., Chikkade, P. K., Rangappa, K. S., **Sadashiva, M. P**., "Transition-metal-free solid phase synthesis of 1,2-disubstituted 4-quinolones via the regiospecific synthesis of enaminones" *RSC Adv.*, **2015,** 16, 11528.

32. JitheshBabu, E. A.,Vinay Kumar, K. S.,Chandra, Rajesh, B. M., Mahendra, M., **Sadashiva, M. P**., "Synthesis and Crystal Structure of 1-[(4-Methoxyphenyl)sulfonyl]-1*H*-indole-3-carbaldehyde" *IUCrData*, **2016,** 1, x160141.

33. Vinay Kumar, K. S., Chandra, Rajesh, B. M., Mahendra, M., **Sadashiva, M. P**., "Synthesis and Crystal Structure of 5-{[1-(2,4-Dichlorophenyl)-1*H*-1,2,3-triazol-4yl]methyl}-5*H*-dibenz[*b,f*]azepine" *IUCrData*, **2016,**1, x160221.

34. Bommegowda, Y. K., Mallesha, N., Vinayaka, A. C., **Sadashiva, M. P**., "*IPSO*-Hydroxylation of boronic acid via ozonolysis: a metal-, ligand-, and base-free method" *Chem. Lett.*, **2016**, 45, 268.

35. Vinay Kumar, K. S., Swaroop, T. R., Rajeev, N., Vinayaka, A. C., Lingaraju, G. S., Rangappa, K. S., **Sadashiva, M. P**., "A one-pot tandem approach for the synthesis of 5-(het)aryloxazoles from substituted (het)aryl methyl alcohols and benzyl bromides" *Synlett.,* **2016**, 27(09): 1363-1366.

36. Pradeepa Kumara, C. S., Byre Gowda, G., Ramesh, N., **Sadashiva, M. P.,** Junjappa, H., "A new general method for the synthesis of thiophenes through acid mediated cyclization of mixed acetals derived" *Tetrahedron Letters,* **2016**, 57(23), 2520-2523.

37. Pradeepa Kumara, C. S., Byre Gowda, G., Ramesh, N., **Sadashiva, M. P.,** Junjappa, H., A new general method for the synthesis of thiophenes through acid mediated cyclization of mixed acetals derived from β- oxodithiates and bromoacetaldehyde acetal" *Trahedron Letters,* **2016**, 57 (23), 2520-2523.

38. A Prakasha, I. D. Grice, K. S. V. Kumar, **M. P. Sadashiva**, H. N. Shankar "Extracellular polysaccharide from Ralstonia solanacearum; A strong inducer of eggplant defense against bacterial wilt" *Biological Control,* **2017**, 110, 107-116.

39. Rajeev N., Swaroop T. R., Anil S. M., Bommegowda Y. K., Rangappa K. S., **Sadashiva M. P.** "Base-Induced Cyclization of Active Methylene Isocyanides with Xanthate Esters: An Efficient Method for the Synthesis of 5-Alkoxy-4-(tosyl/ethoxycarbonyl)-1,3-thiazoles" *Synlett*, **2017**, 28(17), 2281-2284.

40. S. M. Anil, A. C. Vinayaka, N. Rajeev, T. R. Swaroop, N. Mallesha, K. S. Rangapp, & **M. P. Sadashiva** "Aqueous Chloroplatinic Acid: A Green, Chemoselective and Reusable Catalyst for the Deprotection of Acetals, Ketals, Dioxolanes and Oxathiolanes" *ChemistrySelect*, **2018**, 3(7), 1999-2003.

41. Rajeev, N., Swaroop, T. R., Anil, S. M., Kiran, K. R., Rangappa, K. S., and **M. P. Sadashiva** "A sequential one- pot tandem approach for the synthesis of 4-tosyl-5-aryloxazoles from carboxylic acids". *J. Chem. Sci.*, **2018**, 130 (11), 150.

42. Lingaraju, G. S., Balaji, K. S., Jayarama, S., Anil, S. M., Kiran, K. R., and **M. P. Sadashiva** "Synthesis of new coumarin tethered isoxazolines as potential anticancer agents". *Bioorg. Med. Chem. Lett.*, **2018**, 28, 3606.

43. Anil, S. M., Shobith, R., Kiran, K. R., Swaroop, T. R., Mallesha, N., and **M. P. Sadashiva** "Facile synthesis of 1, 4-benzodiazepine-2, 5-diones and quinazolinones from amino acids as anti-tubercular agents". *New J. Chem.*, **2019**. 43 (1), 182.

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I am here by declaring that all the information provided by me in this biodata is true to best of my knowledge.

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