



DOS IN CHEMISTRY
MANASAGANGOTRI,
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EDUCATIONAL QUALIFICATION

- **2013-14** Postdoctoral Research Penn State University USA.
- **2009-10** Postdoctoral Research University Politecnica Delle Marche, Italy.
- **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.
- **2026:** Fellow of the Royal Society of Chemistry (FRSC)
- **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:** Vision Group on Science and Technology, Department of Information Technology, Biotechnology and Science and Technology, Government of Karnataka- Award “Young Scientist for Research.
- **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.
- **2000-2002:** 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 on 10 June 1973 in the village of Maralinganadoddi, Mandya District, Karnataka, India. He completed his B.Sc. (1994–1996), B.Ed. (1996–1997), and M.Sc. in Chemistry (1998–2000) at the University of Mysore. Soon after completing his M.Sc. degree, he worked as a Research Chemist at Jubilant Organosys Ltd., Nanjangud, Mysore.

In 2004, Dr. Sadashiva joined the University of Mysore as a Postgraduate Junior Research Fellow for his Ph.D. under the guidance of Prof. K. S. Rangappa, a distinguished academician, scientist, and former Vice-Chancellor of both the University of Mysore and Karnataka State Open University. He further advanced his research career by receiving a CSIR Senior Research Fellowship (2006–2007) and was awarded his Ph.D. degree in 2007. His doctoral work focused on the synthesis of biologically active and pharmacologically significant novel heterocyclic compounds.

In 2007, Dr. Sadashiva joined the Department of Studies in Chemistry, Manasagangotri, University of Mysore, as an Assistant Professor. Since then, he has been actively teaching chemistry and conducting research in organic synthesis, particularly on biologically significant heterocyclic compounds and their pharmacological applications. He also received prestigious international fellowships— the European Young Scientist Fellowship (Italy, 2008) and the Indo-US Raman Postdoctoral Fellowship (USA, 2013)—for his postdoctoral research training.

As a research supervisor, he has successfully guided **17** Ph.D. candidates, and **8** scholars are currently working under his guidance. His research projects have been supported by major funding agencies, including the University Grants

Commission (UGC) (Rs **7 Lakhs**), Vision Group on Science and Technology–Karnataka (Rs 10 Lakhs), UGC–Institute of Excellence (Rs **8 Lakhs**, as Coordinator), UGC–SAP–DRS-III (Rs **92 Lakhs**, as Deputy Coordinator), and recently, the Vision Group on Science and Technology–Karnataka K-FIST Level–I grant of Rs **15 Lakhs**.

He has published more than 90 research papers in reputed international journals. His current research interests include the synthesis of biologically active heterocyclic compounds and the development of facile, green chemistry-based methodologies for high-yield synthesis. He teaches advanced chemistry courses to postgraduate students. Dr. Sadashiva is a recipient of the **Top-50 Most Citation Award** from Oxford University Press (UK). He is also a member of several prestigious scientific and academic bodies, including the **Fellow Royal Society of Chemistry (FRSC)** Royal Society of Chemistry (London) in 2025, the Indian Science Congress Association, and the Indian Council of Chemistry. He has served as a member and chairman of various academic boards such as the Board of Examinations, Board of Studies, University Sports Council, The Chemical Society, and the University Teachers' Association. He is actively involved in organizing symposia, workshops, and conferences at the university.

MEMBERSHIP IN PROFESSIONAL COMMITTEES AND ADMINISTRATIVE POSITIONS HELD

- Global Initiative of Academic Network (GAIN) Indian Institute of Technology, Hyderabad, Local Coordinator, University of Mysore-2025
- Chairman, Board of Studies, Department of Chemistry, Hassan University- 2025
- President, University Of Mysore Teacher's Association – 2025
- Chairman, Board of Examination, Department of Chemistry, Hassan University- 2023
- 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.
- President, Mysore University Teacher's association, 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	Stereoselective Synthesis and Comparison 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 <i>via</i> Organic Substrate from Dithioesters	K-FIST L1:VGST Govt. of Karnataka	2023 - 2024	15.00 Lakhs

RESEARCH

SUCCESSFULLY GUIDED FOR 17 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
SUKRUTHA K P	Synthesis and Biological Studies of Nitrogen based Heterocycles	2024
PREETHAM R	Synthesis and Structural Characterization of Biologically Significant Azoles	2024
KUMAR C N	Oxidation and Kinetics study of Organic Compounds by Electrochemical and Spectrophotometric Methods	2024

RAVI SINGH K	Facile Methods for the Synthesis of Biologically Significant Aza-Heterocyclic Compounds	2024
DEEPU H R	Synthesis of Metal Oxide Composites and their Biological Applications	2025
SANTHOSH C	Alkyl 2-(Methylthio)-2-Thioacetate: A Competent Synthons for the Synthesis of Biologically Significant N-Heterocyclic Compounds	2026

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, Mysuru, Karnataka, India.
- Department of Biochemistry, University of Mysore, Mysuru, India.
- Department of Microbiology, University of Mysore, Mysuru, India.
- JSS Academy of Higher Education and Research, Mysuru.
- Adichunchanagiri Institute for MolecularMedicine, Mandya.

RESEARCH PRESENTATION IN THE CONFERENCES

- **2025** “New Challenges and Innovations in Molecular Medicine” (NCIMM), Department of Studies in Chemistry, University of Mysore, In Collaboration with Chemical Biology Society, India (CBSI)
- **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** 15-16th Sep 2021, Organized by the IQAC and Department of Chemistry (UG &PG) of the JSS College of Arts, Commerce and Science, Mysuru
- **2020** **National Conference on Innovations in Chemical Sciences (NCICS-2020)**
DOS in Chemistry, University of Mysore, Mysuru.
- **2019** **Recent Innovations in Medicinal and Material Chemistry (RIIMMC – 2019)**
DOS in Chemistry, University of Mysore, Mysuru.
- **2016** **103th Indian Science Congress Conference**, *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.*
- **2014** **National Conference on Pure and Applied Chemistry**, *DOS in Chemistry, University of Mysore, Mysuru.*
- **2014** **International Symposium on Chemical Biology –Drug Discovery**, *University of Mysore.*
- **2013** **Seminar on Recent Advances in Chemical Biology-An Overview**, *Government Science College, Hassan.*

- **2013** **100th Indian Science Congress**, *Calcutta University, Kolkata, India.*
- **2012** **Intellectual Property Rights in Bio-Informatics**, *JSS College of arts, commerce and science, Mysuru.*
- **2011** **Seminar on Chemistry of Materials**, *Sri Jayachamarajendra College of Engineering, Mysuru.*
- **2011** **National Conference on Recent Trends in Chemistry**, *P.E.S. College of science, arts and commerce, Mandya, Karnataka, India.*
- **2011** **International conference on Synthetic and structural Chemistry**, *Mangalore, Karnataka, India.*
- **2011** **National conference on Recent trends in Chemistry**, *17-18th September, Mandya, University of Mysore, Karnataka, India.*
- **2010** **National Conference on "Plant Diversity and Plant Health"** *University of Mysore, Mysore.*
- **2009** **International Conference on Current Trends in Chemistry and Biochemistry**, *18-19th December, 2009, Bangalore University.*
- **2009** **Workshop on Industrial Applications of Nanotechnologies II**, held in JESI (Ancona), Italy
- **2008** **International School Advanced Material Science and Technology 10th Course: "Industrial Applications of Nanotechnologies II" 2-5, September, Jesi, Italy.**
- **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** **Indian Council Chemist (ICC) Conference—Oral presentation**, Kalyan, Mumbai.

CONFERENCE/WORKSHOP: ORGANIZED

- **2025** One-Week Workshop on **NMR, LC–MS, and HPLC: Principles, Applications, and Industrial Practice**
- **2020** **New Challenges and Innovations in Molecular Medicine" (NCIMM)**, Department of Studies in Chemistry, University of Mysore, In Collaboration with Chemical Biology Society, India (CBSI)
- **2020** **National Conference on Innovations in Chemical Sciences (NCICS-2020)** *Chair for the Session, DOS in Chemistry, University of Mysore, Mysuru.*
- **2016** **"103th Indian Science Congress Conference"** *Chair for the Post Session under Chemical Sciences.*
- **2015** **Workshop on NMR Techniques**, *IOE-University of Mysore, Mysuru, Advisory Committee Member.*
- **2015** **Computational Methods in small Molecule and Bio-pharmaceutical Drug Discovery 2015**, *IOE-University of Mysore, Mysuru, Organizing Secretary.*

LECTURE/SPEECH/e-CONTENT

- Special lecture under Faculty Development Program on Analytical Chemistry at Malaviya Mission Teacher Training Centre Mysore-2025
- Special lecture under Faculty Development Program on "Separation Techniques: Basic Principles and new applications" at Malaviya Mission Teacher Training Centre Mysore -2024
- Special lecture on "Significance Analytical Chemistry in understanding the biotechnology" at Department of Biotechnology, University of Mysore-2024
- Invited lecture on Analytical Chemistry at Department of Chemistry, Karnataka State Open University Delivered Four Lectures-2022 and 2023
- Special Lectures on "Separation Techniques" at Bharathi Education Trust Academy of Higher Education-2016

- Invited Speaker, NSS, University of Mysore, Mysuru at National Service Scheme Camp on Personality Development: Solve the problem and Critical Thinking. 2016,17 and 2020
- Ten (10) e-content development and lecture delivery at Educational Multimedia Research Centre, University of Mysore, Mysuru

RESEARCH PUBLICATIONS AS CORRESPONDING/ SENIOR AUTHOR

1. 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 activemethylene isocyanides with methyl dithiocarboxylates" *Synthesis* **2012**, 44, 1373.
2. 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 Arjunolic acid from Terminalia arjuna and their Antioxidant Activity" *Int. J. Res. Phytochem. Pharmacol.*, **2012**, 2, 188.
3. 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.
4. 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.
5. **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.
6. 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.
7. 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 regioselective synthesis of enamines" *RSC Adv.*, **2015**, 16, 11528.
8. Vinay Kumar, K.S., Chandra, Rajesh, B.M., Mahendra, M., **Sadashiva, M.P.**, "Synthesis and Crystal Structure of 5-[[1-(2,4-Dichlorophenyl)-1H-1,2,3-triazol-4-yl]methyl]-5H-dibenz[b,f]azepine" *IUCr Data*, 2016, 1, x160221.
9. 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.
10. 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.
11. 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 -oxodithiathes and bromoacetaldehyde acetal" *Tetrahedron Letters*, **2016**, 57(23), 2520-2523.
12. 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.
13. Anil S. M., Vinayaka A. C., Rajeev N., Swaroop T. R., Mallesha N., Rangappa K. S., **Sadashiva M. P.** "Aqueous Chloroplatinic Acid: A Green, Chemoselective and Reusable Catalyst for the Deprotection of Acetals, Ketals, Dioxolanes and Oxathiolanes" *Chemistry Select*, **2018**, 3(7), 1999-2003.

14. Rajeev, N., Swaroop, T. R., Anil, S. M., Kiran, K. R., Rangappa, K. S., and **Sadashiva M. P.** "A sequential one-pot tandem approach for the synthesis of 4-tosyl-5-aryloxazoles from carboxylicacids". *J. Chem. Sci.*, **2018**, 130(11), 150.
15. Lingaraju, G. S., Balaji, K. S., Jayarama, S., Anil, S. M., Kiran, K. R., and **Sadashiva M.P.** "Synthesis of new coumarin tethered isoxazolines as potential anticanceragents". *Bioorg. Med. Chem. Lett.*, **2018**, 28, 3606.
16. Anil, S. M., Shobith, R., Kiran, K. R., Swaroop, T. R., Mallesha, N., and **Sadashiva M.P.** "Facile synthesis of 1,4-benzodiazepine-2,5-diones and quinazolinones from aminoacids as anti-tubercularagents". *New J. Chem.*, **2019**, 43(1), 182.
17. Anil, S. M., Rajeev, N., Kiran, K. R., Swaroop, T. R., Mallesha, N., Shobith, R., and **Sadashiva M. P.** "Multi-pharmacophore Approach to Bio-therapeutics: Piperazine Bridged Pseudo-peptidic Urea/Thiourea Derivatives as Anti-oxidant Agents". *IntJ PeptRes Ther.*, **2019**, 26(1) , 151-158.
18. Kiran, K. R., Swaroop, T. R., Sukrutha, K. P., Shruthi, J. B., Anil, S. M., Rangappa, K. S., & **Sadashiva, M. P.** "Acid-Catalyzed Condensation of o-Phenylene diammines and o-Aminophenols with α -Oxodithioesters: A Divergent and Regioselective Synthesis of 2-Methylthio-3-aryl/Heteroarylquinoxalines and 2- Acylbenzoxazoles". *Synthesis*, 2019, 51(22), 4205-4214.
19. Anil, S. M., Sudhanva, M. S., Swaroop, T. R., Vinayaka, A. C., Rajeev, N., Kiran, K. R., & **Sadashiva, M. P.**, "Base Induced Condensation of Malononitrile with Erlenmeyer Azlactones: An Unexpected Synthesis of Multi substituted $\Delta 2$ Pyrrolines and their Cytotoxicity Activity". *Chemistry & Biodiversity*. **2020**, 17(5), e2000014.
20. Kiran, K. R., Swaroop, T. R., Rajeev, N., Anil, S. M., Rangappa, K. S., & **Sadashiva, M. P.** "Cyclization of Active Methylene Isocyanides with α -Oxodithioesters Induced by Base: An Expedient Synthesis of 4-Methylthio/Ethoxycarbonyl-5-acylthiazoles. *Synthesis*. **2020**, 52(09):1444-1450.
21. Narasimhamurthy Rajeev, Toreshettahally R. Swaroop, Ahmad I. Alrawashdeh, ShofiurRahman, AbdullahAlodhayb, Seegehalli M. Anil, Kuppalli R. Kiran, Chandra, Paris E. Georghiou, Kanchugarakoppal S. Rangappa and **Sadashiva M P**, "The reaction of arylmethyl isocyanides and arylmethylamines with xanthate esters: a facile and unexpected synthesis of carbamothioates" *Beilstein J. Org. Chem.* **2020**, 16,159–167.
22. Kumar, K. S. V., Swaroop, T. R., Singh, K. R., Rangappa, K. S., & **Sadashiva, M. P.**. Sugar-urea-salt eutectic mixture as an efficient green solvent for N-alkylation of heterocyclic secondary amines. *Chemical Data Collections*, **29**, **2020**,100536.
23. Rajeev, N., Sharath Kumar, K. S., Bommegowda, Y. K., Rangappa, K. S., & **Sadashiva, M. P.** Catalyst free sequential one pot reaction for the synthesis of 3-indole propanoates/propanoic acid/propanamides as antituberculosisagents. *Journal of the Chinese Chemical Society*, **68**(1), **2021**, 39-44.
24. Sukrutha, K. P., Swaroop, T. R., Preetham, R., Lokanath, N. K., Rangappa, K. S., & **Sadashiva, M. P.** A convenient way for alkylation of amines using xanthate esters. *Synthetic Communications*, **2021**, 1-8.
25. Kiran, K. R., Swaroop, T. R., Santhosh, C., Rangappa, K. S., & **Sadashiva, M. P.** Cyclo condensation of o-Phenylenediamines with 2-Oxo ethanimidithioates: A Novel Synthesis of 2-Amino 3-(het)aryl quinoxalines. *ChemistrySelect*, **2021**, 6(29),7262-7265.
26. Singh, K. R., Santhosh, C., Swaroop, T. R., & **Sadashiva, M. P.** The regioselective synthesis of 2, 5-and 4,5-disubstitutedthiazoles via the cyclization of 2-oxo-2-(amino) ethanedithioates with isocyanides. *Organic & Biomolecular Chemistry*, **2022**, 20(29),5771-5778.
27. Chaitra, K., Singh, K. R., Raghu, M. S., **Sadashiva, M. P.**, & Prashanth, K. N. "Mucic acid cross-linked chitosan nanoparticles as a dual drug delivery system for treatment of colorectal cancer- insilico and *in vitro* studies. *Chemical Data Collections*, **2022**, 41,100928.

28. Preetham, R., Vijaya Kumar, M. S., Swaroop, T. R., Divyashree, S., Kiran, K. R., Sreenivasa, M. Y., **Sadashiva, M. P.** & Rangappa, K. S. "An Efficient Route for the Synthesis of 1, 5-Disubstituted Tetrazoles and their Anti-Microbial Activity Against Salmonella Paratyphi. *Chemistry Select*, **2022**, 7(45), e202203079.
29. Shruthi, J.B., Kiran, K.R., Divyashree, S., Sreenivasa, M.Y., & **Sadashiva, M.P.** Synthesis, Characterization and Antibacterial Evaluation of *N*-(2-Morpholinoethyl)-3-phenylquinoxalin-2-amine Derivatives. *Journal of Heterocyclic Chemistry*, **2022**, 60(4), 566-575.
30. Kiran, K. R., Swaroop, T. R., Preetham, R., Georghiou, P. E., Rangappa, K. S., & **Sadashiva, M. P.** Acid-Catalysed Cyclization of *o*-Aminobenzamide with α -Oxodithioesters: A Divergent and Regioselective Synthesis of Quinazolinones and 1,3-Benzothiazinones. *Chemistry Select*, **2023**, 8(1), e202203618.
31. Ramesh Preetham, Malahalli S. Vijaya Kumar, Toreshettahally R. Swaroop, Kuppalli R. Kiran, Kodipura P. Sukrutha & **Sadashiva M P** . "A novel and effective method for the synthesis 1,3,4-oxadiazoles from carbimidothioates and benzohydrazides: An unexpected cyclization, *Synthetic Communications*, **2023**, 53:7-8, 568-575.
32. Santhosh, C., Singh, K. R., Sheela, K., Swaroop, T. R., & **Sadashiva, M. P.** Regioselective Synthesis of 2, 5-Disubstituted-1, 3, 4-thiadiazoles and 1, 3, 4-Oxadiazoles via Alkyl 2-(Methylthio)-2-thioacetates and Alkyl 2-Amino-2-thioacetates. *The Journal of Organic Chemistry*, **2023**, 88(16), 11486-11496.
33. Ravi Singh, K., Lohith, T. N., Ananth Nag, T., Sridhar, M. A., & **Sadashiva, M. P.** Structure property relationship in two thiazole derivatives: Insights of crystal structure, Hirshfeld surface, DFT, QTAIM, NBO and molecular docking studies. *Molecular Crystals and Liquid Crystals*, **2023**, 763(1), 54-72.
34. Sheela, K., Santhosh, C., Singh, K. R., Sharath, K., & **Sadashiva, M. P.** "An efficient synthesis of mono-, di-, and tri-substituted 1, 3-thiazoles employing functionalized thioamides as thiocarbonyl precursors." *Org. Biomol. Chem.*, **2024**, 22(17), 3490-3501. (**The most highly cited articles published in Organic & Biomolecular Chemistry over the course of 2024 from India**)
35. Sukrutha, K. P., Kiran, K. R., Gunashree, K. T., Divyashree, S., Purusotham, P., Sreenivasa, M. Y., & **Sadashiva, M. P.** An Efficient Copper-Mediated Route for the Synthesis of 2-Substituted Benzothiazoles from Dithioesters and Investigation of Their Antibacterial Activities. *Synthesis*, **2024**, 56(03), 469-481.
36. Singh, K. R., Santhosh, C., Sheela, K., & **Sadashiva, M. P.** "Regioselective Synthesis of 2, 4-and 2, 5-Disubstituted 1, 3-Thiazoles from 2-Oxo-2-(amino) ethanedithioates via Base-Catalyzed Cyclization". *Synthesis*, **2024**, 56(05), 878-886.
37. Shruthi, J. B., Kiran, K. R., Gunashree, K. T., Divyashree, S., Sreenivasa, M. Y., **Sadashiva, M. P.**, & Rangappa, K. S. "Synthesis of Piperidine Conjugated Quinoxalines as Potential Antibiofilm Agents" *Letters in Drug Design & Discovery*, **2024**, 21(4), 701-708.
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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.

Place: Mysuru

Date: 02-03-2026

Dr. M. P. Sadashiva

LIST OF 10 BEST RESEARCH PUBLICATIONS

1. Santhosh, C., Singh, K. R., Sheela, K., Swaroop, T. R., & **Sadashiva, M. P.** Regioselective Synthesis of 2, 5-Disubstituted-1, 3, 4-thiadiazoles and 1, 3, 4-Oxadiazoles via Alkyl 2-(Methylthio)-2-thioacetates and Alkyl 2-Amino-2-thioacetates. *The Journal of Organic Chemistry*, **2023**, 88(16), 11486-11496.
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