

## Curriculum Vitae–Dr. Devappa S. Lamani

### Address for Correspondence

#### Dr. Devappa S. Lamani

(Dr. DSK Fellow UGC, at IISc, Bangalore),  
Assistant Professor Basaveshwar  
Science College, Bagalkot. (A  
College With Potential for  
Excellence), Rani Channamma  
University, India



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#### Objective

To explore new research areas and to have an interesting research career with a wide task variety that will provide excellent opportunities to learn new scientific facts and will correlate science with social welfare.

#### Academic Qualification (Undergraduate Onwards)

| S.No<br>NNo | Degree | Year                      | Subject                                            | University/Institution                                                                                |
|-------------|--------|---------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1           | PDF    | Nov2009-2012<br>(3 Years) | Chemistry (Bioinorganic and Bio mimetic Chemistry) | Departement of Inorganic & Physical Chemistry), Indian Institute of Science (IISc), Bangalore, India. |
| 2           | Ph.D   | 2006-2010<br>(4 Years)    | Industrial Chemistry (Bioorganic Chemistry)        | Kuvempu University, Karnataka, India                                                                  |
| 3           | M.Sc   | 2006                      | Chemistry                                          | Karnatak University, Dharwad                                                                          |
| 4           | B.Sc   | 2004                      | Chemistry, Botany and Zoology                      | Karnatak University, Dharwad                                                                          |

#### Work experience (in chronological order)

| S. No. | Positions held                                         | Name of the Institute                                                                                            | From       | To        |
|--------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------|-----------|
| 01     | Quality in charge (QA)                                 | Tetragon Chemie Pvt. Ltd. (Vetcare), Bangalore Karnataka,                                                        | June -2006 | Nov-2006  |
| 02     | Dr. D.S. Kothari<br>Postdoctoral Fellow(UGC),<br>India | <b>Indian Institute of Science (IISc), Bangalore</b>                                                             | Nov-2009   | Nov-2012  |
| 03     | Assistant Professor                                    | St. Philomena's College PG centre (Autonomous), (A College with Potential Excellence), Mysore University, India. | 2012       | 2013      |
| 04     | Assistant Professor                                    | Basaveshwer Science College, (A College with Potential Excellence) Bagalkot, Rani Channamma University, Belgavi. | Aug-2014   | Till date |

**Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.**

| S. No | Name of Award                                                                                                                                                  | Awarding Agency                                                                                                                            | Year                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 01    | Junior/Senior Research Fellowships awarded by Kuvempu University, India                                                                                        | University Research Fellowship                                                                                                             | 2006-2010                                   |
| 02    | <b>Dr. D. S. Kothari Postdoctoral fellowship</b>                                                                                                               | <b>Awarded from University Grant Commission(UGC), India</b>                                                                                | 2009-2012                                   |
| 03    | <b>Best poster Presentation award</b><br>This prize is endowed in memory of Prof. Bhaskar G. Maiya                                                             | <b>Chemical Research Society of India</b>                                                                                                  | 02-05/2012                                  |
| 04    | <b>Fast Track Young Scientist Grant</b>                                                                                                                        | <b>SERB, Department of Scientist and Technology, New Delhi India.</b>                                                                      | 2015-2018                                   |
| 05    | <b>21 days Refresher Course (RC)</b>                                                                                                                           | Indian Institute of Science (IISc), Chellakare, Karnataka, India                                                                           | 2016                                        |
| 06    | <b>External Expertise Doctoral Committee</b>                                                                                                                   | <b>VIT, Vellore Institute of Technology, Chennai, Tamilnadu, India</b>                                                                     | 2016-2021                                   |
| 07    | As <b>Convener</b> for 2 days Orientation Program                                                                                                              | <b>"Research Methodology"</b> for Young teaching and PG students was organized on Basaveshwar Science College, Bagalkot                    | 7 <sup>th</sup> 8 <sup>th</sup> & Sept-2018 |
| 08    | As Coordinator of six days Refresher course                                                                                                                    | Organized Dept. of Chemistry and Physics sponsored by BVV Sangha for Degree College teachers                                               | 27-06-2017                                  |
| 09    | <b>Chairman, Research Committee</b>                                                                                                                            | Basaveshwar Science College, Bagalkot                                                                                                      | 2017-till date                              |
| 10    | <b>Member of Secretary</b>                                                                                                                                     | Advisory Board, Prof. CNR Rao Research Center, Basaveshwar Science College, Bagalkot                                                       | 2017-2021                                   |
| 11    | <b>28 Days Orientation program (O.P)</b>                                                                                                                       | MHRD, Ramanuja College University of Delhi.                                                                                                | 04-06-2020 to 01-07-2020.                   |
| 12    | FDP 17Days Faculty Development Programme                                                                                                                       | Completed from Ramanuja College, University of Delhi.                                                                                      | 30-01-2021-14-02-2021                       |
| 13    | 14 days Refresher course                                                                                                                                       | Theoretical and Computational Chemistry by sponsored by Science Academies and organized by Dept. of Chemistry PSGR Krishnammal College for | 27-01-2021 to 11-02-2021                    |
| 11    | <b>Best Oral Presentation Award</b> National Conference on Frontiers in Organometallics and catalysis (FOMC 2021)" Certificate and membership issued from ACS. | Department of Chemistry, Malaviya National Institute of Technology Jaipur (MNIT, Jaipur), India.                                           | 20-22; 2021                                 |
| 12    | <b>Organizing Secretary</b> for National Seminar On Challenges and Sustainability in Water Technology                                                          | Department of Chemistry, Basaveshwar Science College, Bagalkot                                                                             | 10-03-2021                                  |
| 13    | <b>Life Member for Indian Society of Analytical Scientists (ISAS), Belagavi Chapter</b>                                                                        | Rani Channamma University (RCU), Belagavi, India                                                                                           | 14-05-2021                                  |

### Laboratory and Technical Skills

- ❖ Expertise in carrying out multi-step organic synthesis, sensitive organic reactions in Schlenk line techniques using vacuum line.
- ❖ Designing different heterocyclic compounds such as quinoline, thiazolidinones, metal complexes, DNA Binding studies.
- ❖ Expertise in Organochalcogens chemistry mainly organosulfur/selenium compounds as efficient mimics of glutathione peroxidase (GPx), and as scavengers of peroxynitrite (ONOO<sup>-</sup>).
- ❖ Expertise in purification and characterization of organic compounds by different techniques.
- ❖ Expertise in carrying out enzymatic reaction kinetics studies and inhibition studies using different techniques such as Fluorescence, UV-Visible and HPLC methods.
- ❖ Expertise in analyzing enzymatic reactions by Gel Electrophoresis, Western Blotting and ESI-MS spectrometric techniques.

### Research Experience

- ✓ Postdoctoral Research Fellow (PDF.) From Aug -2009 –Nov-2012

Dept. of Inorganic and Physical Chemistry, Indian Institute of Science, Bangalore.

PDF Advisor: Prof. G. Mugesh

Project title: “*Synthetic Antioxidants: Structure-Activity Correlation Studies of Selenopeptides and Spirodiazaselenuranes*”

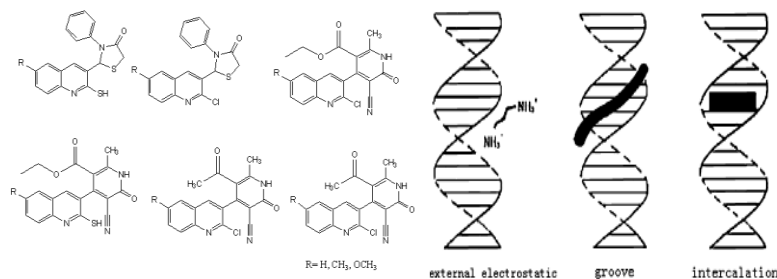
- ✓ Ph.D Research Work Nov 2006-July 2009

Dept. of Studies and Research in Industrial Chemistry, School of Chemical Sciences Jnana Sahyadri, Kuvempu University

Research Advisor: Prof. K. R. Venugopala Reddy and Co-Advisor: Prof. H.S. Bhojya Naik

Thesis title: “*Studies on Synthesis, DNA Binding and Antioxidant Activity of Quinoline and their Metal Complexes*”

Summary of Project Works: “*Synthesis, DNA Binding and Antioxidant Activity of Heterocyclic Quinoline Derivatives and its Metal Complexes*”



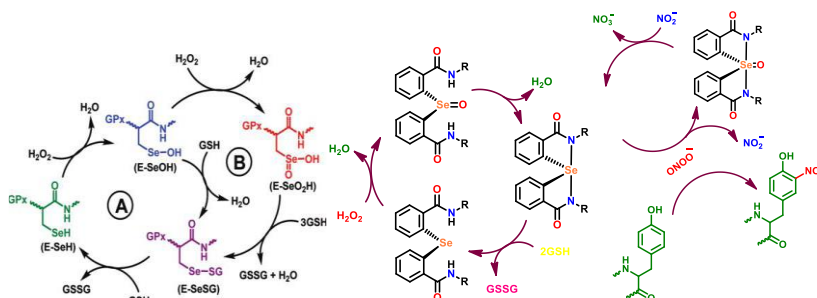
Synthesis of Quinoline derivatives and DNA modes of interaction. *Journal of Macromolecule Science* :(PAC) 45(10) 857-864, 2008, *Nucleosides, Nucleotides and Nucleic Acids (NN&NA)* 27: 1197-1210, *Journal of Phosphorus Sulfur and Silicon and the Related Elements*, 185, 1-11, 2010, ” *Journal of sulfur chemistry*, 1-11, 2009, *Journal of medicinal chemistry* 5, 148-157, 2009

The main focus of my research work was the design and synthesis a number of new anticancer agent such as quinoline analogues. From this project I have gained substantial expertise in the synthesis of different heterocyclic compounds and techniques to conduct DNA binding studies. Furthermore, I have extensively characterized these molecules by different chromatography techniques such as thin layer and flash chromatography. Moreover, the formation and the purity of these compounds were assessed by nuclear magnetic resonance (NMR) spectroscopy, mass spectrometry and also expertise in single X-ray crystallography techniques. The binding potentials of compounds measured biological in vitro assays using UV-VIS, viscosity, thermal and fluorescence studies. This project motivated me to continue with further research in the area of drug design and their pharmaceutical applications.

**PDF at Indian Institute of Science Bangalore (IISc):** Project title: “*Synthetic Antioxidants: Structure-Activity Correlation Studies of Selenopeptides and Spirodiazaselenuranes*”

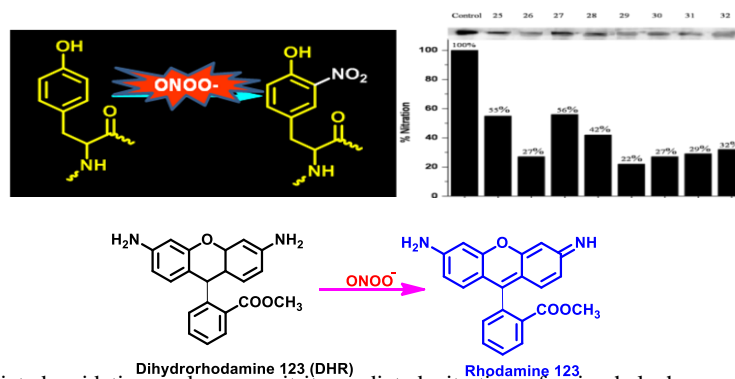
I am concentrating on the synthesis of various biologically important small molecules for application as anticancer drugs and synthetic antioxidants. For last two years, I have been working on a project focusing on

“Synthetic Antioxidants of Selenopeptides, Organochalcogens and their Structure-Activity Correlation Studies”. The compounds of interest are selenopeptides, spirodiazaselenuranes and its analogues as glutathione peroxides’ (-GPx-) mimics and their mechanistic insights.



Proposed Catalytic Mechanism for the Antioxidant Activity of GPx and Proposed mechanism for GPx activity of synthetic antioxidant mimics such as spirodiazaselenurane *Org. Biomol. Chem.* **2012**, *10*, 7933, DOI: 10.1039/C2OB26156A. *Molecules* **2015**, *20*, 12959-12978

I have also been working on the *catalytic mechanisms of a series of diaryl sulfide and sulfoxide derivatives and its protein folding studies*. The antioxidant potentials of compounds were evaluated by carrying out biological in vitro assays using HPLC and UV-VIS, gel electrophoresis and fluorescence studies. With these experiences, I like to work in the field of synthetic organic chemistry to synthesize novel peptides compounds having potential medicinal or biological applications.



Inhibition of peroxynitrite-mediated oxidation and peroxynitrite-mediated nitration of spirochalcogenes *Org. Biomol. Chem.* **2012**, *10*, 7933, DOI: 10.1039/C2OB26156A. *Molecules* **2015**, *20*, 12959-12978, Eds. Devillanova, F. A.; du Mont, W.-W. *The Royal Society of Chemistry*, 2013.

My future plan is to design some small molecules as functional mimics of different enzymes which are essential for the biological system. Furthermore, I like to undertake a detailed screening of these newly designed compounds for their in vitro and in vivo activities which are very much important for their abilities to act as potential drugs.

### Professional Experience:

- ✓ **Guest Lecturer:** Department of Industrial Chemistry, Kuvempu University, Karnataka, India.
- ✓ **Quality Assurance:** Worked 6 month at Tetragon Chemie Pvt. Ltd. (Vetcare), Banagalore Karnataka, India.
- ✓ **Teaching:** Integrated MSc, MSc in Industrial Chemistry, Bioinorganic and Organic Chemistry **2008-2009**
- ✓ **Lecturer Delivered:** DRM Science College-Bapuji Education Association Devangere. *Recent development of Antioxidant and their Synthetic Mimics*
- ✓ **Visiting Professor:** Jan Dlugosz University in Czestochowa Poland.
- ✓ **Assistant Professor:** Worked at St. Philomena's College PG Center (Autonomous), (A College with Potential for Excellence) **2012-13**, Mysore University, India.

- ✓ **Assistant Professor:** Presently, working as Assistant Professor in Basaveshwar Science College, Bagalkot (A College With Potential for Excellence), Rani Channamma University, India.
- ✓ **Dr. Dr. D. S. Kothari Postdoctoral Fellow:** Awarded by University Grant Commission (UGC), India.
- ✓ **“Fast Track Young Scientist Grant”** From SERB, Department of Scientist and Technology, New Delhi India. **2015-18** “Bio-inspire Peptide-Based Spirochalcogenanes: Synthesis, Characterization and Antioxidant Activity”
- ✓ **Lecturer** on “*Current Research on Mimics and Models of Selenium-Containing Spirodiazaselenuranes: Synthesis and Antioxidant Activity*” Organized by **Manipal Institute of Technology**, Department of Chemistry, Manipal University, on Jan-11-12-2016, Karnataka, INDIA.
- ✓ **Doctoral Committee Member:** External Doctoral Committee Member at VIT, Vellore Institute of Technology, Chennai
- ✓ **As Coordinator 6 Days refresher course** “*A Refresher Course in Physics and Chemistry for Teaching Faculty of Colleges of B.V.V. Sangha, Bagalkot*” organized at Basaveshwar Science College, Bagalkot from 29<sup>th</sup> May to 3<sup>rd</sup> June 2017.
- ✓ **21 days refresher course** “*Degree College Teachers “Talent development Center, Indian Institute of Science (IISc), Chellakari, Chethradurgha, Karnataka, India from 23<sup>rd</sup> Nov 2016-to Dec 2016.*”
- ✓ **Lecturer delivered to BSc V<sup>th</sup> Sem** on “*Heterocyclic Chemistry*” at S. R. Kanti Arts, Commerce and Science College, Modul, Karnataka, India.
- ✓ **Lecturer** on “*Bio-inspire Spirochalcogenanes: Synthesis, Characterization and Antioxidant Activity*” “International Conference on Advances in Science and Engineering (ICASE-2017), **20 - 23 Jan 2017 at Bangkok, Thailand.**”
- ✓ **As Convener for 2 days** Orientation Program on “Research Methodology” for Young teaching and PG students was organized on 7<sup>th</sup> 8<sup>th</sup> & Sept-2018, Basaveshwar Science College, Bagalkot

### Instruments

- ❖ In operating and handling **Bruker CCD** (in data collection, structure solution and refinement using SHELX-97 and other crystallographic related programs), **NMR Spectrometer** (Bruker Avance 400 NMR Spectrometer), **HPLC** (Waters Alliance System (Milford, MA) consisting of a 2695 separation module, a 2690 photodiode-array detector and a fraction collector), **Flash Chromatography** (Biotage), **UV-Vis Spectrophotometer** (Varian CARY 300 Bio-Spectrophotometer and Perkin-Elmer Spectrophotometer) and **Steady State Fluorescence Spectrometer** (Perkin-Elmer LS50 B Luminescence Spectrometer), **Mass Spectrometer** (Bruker Daltonics Esquire6000 plus), **Biologic Duo-flow Quadtec Protein Purification System** (Bio-Rad), **Chemi-Doc XRS** (Bio-Rad).

## List of Publications

Research Papers **Published/Accepted** in Reputed International Journals

1. **Devappa S Lamani**, A Rapid and Efficient Synthesis of 2,2',2''-(nitrilotris(ethane-2,1-diyl))tris(benzo [d][1,2]selenazol-3(2H)-one) and its Antioxidant Activity, *Der Pharma Chemica*, **2021, 10, 53-56**
2. **Devappa S. Lamani**, S. G. Badiger, Mamata Singh. Formation of Diaryl Sulfides and Sulfoxides: Synthesis, Characterization and Structure Activity Correlation Studies. *Phosphorus, Sulfur, and Silicon and the Related Elements*, **194 (8), 789-795, 2019.**
3. **Devappa S Lamani**, Venugopala Reddy KR, Bhojya Naik HS An Efficient Base Catalyzed Three Component One Pot Synthesis of Novel 2Chloro/Marcapto-Quinoline Derivatives: A Potent Antimicrobial Agent, *Der Pharma Chemica*, **2018, 10, 53-56.**
4. **Devappa S Lamani**, S.G. Badiger, Venugopala Reddy KR, Bhojya Naik HS. Macrocyclic complexes: synthesis, characterization, antitumor and DNA binding studies, *Nucleosides, Nucleotides and Nucleic Acids (NN&NA)* **6, 2018.**
5. **Devappa S Lamani**, Debasish Bhowmick and Govindasamy Muges, "Synthesis, Characterization and Antioxidant Activity of Spirodiazaselenuranes" *Org. Biomol. Chem.* **2012, 10, 7933, DOI: 10.1039/C2OB26156A.**
6. **Devappa S Lamani** and Govindasamy Muges. "Substituent Effect On The Stability and Antioxidant Activity of Spirodiazaselenuranes" **2015, 20, 1-16, Molecules.**
7. **Devappa S Lamani** Efficient Synthesis of Tetrabenzo[*b, h, k, q*] [1, 2, 6, 10, 11, 15] hexaselenacyclooctadecine-10, 13, 23, 26-tetraone and its Antioxidant Activity. *International Journal of All Research Education and Scientific Methods (IJARESM)*, ISSN: 2455-6211 Volume 9, Issue 5, May -2021.
8. **Book Chapter:** Current research on mimics and models of selenium-containing antioxidants, in "Handbook of Chalcogen Chemistry: New Perspectives in Sulfur, Selenium and Tellurium (2nd Edition)". Bhaskar J. Bhuyan, **Devappa S. Lamani**, Govindasamy Muges, Thomas Wirth. *Eds. Devillanova, F. A.; du Mont, W.-W. The Royal Society of Chemistry, 2013.*  
<http://books.google.co.in/books?id=EEnuwFun4QC&pg=PA25&lpg=PA25&dq=devappa+lamani&source>
9. **Book : Devappa S Lamani** "Quinoline Derivatives: Introduction, Hydrazones, Thiadiazoles, Thiazol. *Book published by Scholar Press, 2021, ISBN: 9786138956532.* Translated to three more other foreign languages.
10. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, H. R. Prakash Naik "Synthesis, characterization of diquinolineno [1,3,7,9] tetraazacyclododecine-7, 15 (14*H*, 16*H*)-dibenzene, and DNA binding studies of macrocyclic Co(II), Cu(II) complexes: as new class of antimicrobial agent" *Journal of Macromolecule Science:(PAC)* **45(10) 857-864, 2008**
11. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, A. Savyasachai, H.Raja Naik "Synthesis and DNA Binding Studies of Novel Heterocyclic Substituted Quinoline Schiff Bases: A Potent Antimicrobial Agent" , **2008.** *Nucleosides, Nucleotides and Nucleic Acids (NN&NA)* **27: 1197-1210**
12. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, Anil. B. Naik and Prakash Naik "Synthesis, DNA binding and antimicrobial activity of base catalyzed 2-phenyl-3-pyrido [3, 2][1,3,4] thiadiazolo[3,2]quinoline derivatives" *Journal of Phosphorus Sulfur and Silicon and the Related Elements*, **185, 1-11, 2010**
13. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, Prakash Naik and L. R Naik. "Synthesis and DNA Binding Behavior of Novel Fused-quinolin-3-yl)-6-phenyl-5,6-Dihydropyrimidine Derivatives in Aqueous Medium" *Nucleosides, Nucleotides and Nucleic Acids (NN&NA)* **29, 1-8, 2010**

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14. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, Prakash Naik and L. R Naik “Synthesis, Characterization and DNA Binding Studies of S<sub>2</sub>N<sub>2</sub> Donor Bis-Mercaptoquinoline Co(II) and Ni(II) Metal Complexes: A new class of Antimicrobial Agent” *Journal of Phosphorus Sulfur and Silicon and the Related Elements*, **185,550–558, 2010**
  15. **Devappa S. Lamani**, K. R. Venugopala Reddy Sahana K. N. Smitha .N.C, Anand, Pradeep. S.M, Nithin, Kenchappa, Achuthanada “A Simple and Efficient Carbodiimide Mediated One-pot Synthesis of Novel 2-(2- hydroxynaphthalen-1-yl)-3-phenyl-1,3-thiazolidin-4-one derivatives: A Potent Antimicrobial Agent” *International Journal of ChemTech Research*. **1-11, 2009**
  16. **Devappa S. Lamani**, K. R. Venugopala Reddy H. S. Bhojya Naik, H. R. Prakash Naik “An Efficient Carbodiimide Mediated Synthesis and DNA binding studies of Novel 2-Chloro/mercapto-quinoline fused-1,3-thiazolidinones via One-pot Three-Component Condensation” *Journal of sulfur chemistry*, **1-11, 2009**
  17. **Devappa S. Lamani**, K. R. Venugopala Reddy H. S. Bhojya Naik, “An efficient synthesis and DNA binding interaction study of some novel heterocyclic fused pyrazole quinolines: A potent antimicrobial agent” *African Journal of Pure and Applied Chemistry* **4(11), 247-255, 2010** (Invited article for a Special Issue).
  18. H.R. Prakash Naik, H.S. Bhojya Naik, T.R. Ravikumar Naik, T. Aravinda, P.J. Bindu, **D. S. Lamani**, and H. Raja Naik, “Nanostructured TiO<sub>2</sub> catalyzed microwave assisted synthesis of fused quinolines – DNA binding, molecular docking and antioxidant activity, *Journal of medicinal chemistry* **5, 148-157, 2009**
  19. H.R. Prakash Naik, H.S. Bhojya Naik, T.R. Ravikumar Naik, M. Raghavendra, T. Aravinda and, **D. S. Lamani** “Synthesis of quinoline based thieno-seleno phenylquinazolinones. *Journal: Phosphorus, Sulfur, and Silicon and the Related Elements*” **184, 460-470, 2008**
  20. H.R. Prakash Naik, H.S. Bhojya Naik, T. Aravinda, T.R. Ravikumar Naik, **D.S. Lamani**, “A Facile One Pot Synthesis Of 4-Methylthieno[2,3-*b*]Quinolin-3(2H)-One and 4-Methylseleno[2,3-*b*]Quinolin-3(2H)-One’s by Microwave Irradiation Under Solvent Free Condition” *Journal: Organic Chemistry: An Indian Journal*, **3, 4, 188-193, 2007**
  21. H.R. Prakash Naik, H.S. Bhojya Naik, T.R. Ravikumar Naik, H. Raja Naikb, **D.S. Lamani** and T. Aravinda “Pyrimido[4,5-*b*]quinoline-2-thiol/ol: Microwave induced one pot synthesis, DNA binding and cleavage studie” *Journal of sulfur chemistry*, **29,6, 583-592, 2008**
  22. H.R. Prakash Naik, H.S. Bhojya Naik, T.R. Ravikumar Naik, H. Raja Naikb, **D.S. Lamani** and T. Aravinda “TiO<sub>2</sub> nanopowder catalyzed microwave induced one pot synthesis of novel quinoline/ benzo[h]quinoline -3-carbonitrile under solvent free condition”. *Journal: Phosphorus, Sulfur, and Silicon and the Related Elements*, **180, 2109-2114, 2008**.
  23. H.R. Prakash Naik, H.S. Bhojya Naik T.R. Ravikumar Naik, **D.S. Lamani**, and T. Aravinda, “An efficient microwave assisted one pot synthesis of dioxolano quinoline/ benzo[h] quinolines as potent antibacterial agents” *Journal: Phosphorus, Sulfur, and Silicon and the Related Elements*, **185:355–360, 2010**.
  24. H.R. Prakash Naik, H.S. Bhojya Naik **D. S. Lamani**, T.R. Ravikumar Naik, “Benzo[h]quinolinebased Macrocyclic Copper(II) Cobalt(II) Complexes synthesis characterization and light induced DNA Cleavage studies” *Journal of Macromolecule Science:(PAC)* **46, 790-795, 2009**.
  25. H. R. Prakash Naik, H. S. Bhojya Naik, T. R. Ravikumar Naik, **D. S. Lamani**, T. Aravinda. “A Rapid and Efficient Multicomponent Synthesis of Bi-Quinolines under Solvent-Free Conditions” *Journal: Phosphorus, Sulfur, and Silicon and the Related Elements*, **185:663–667, 2010**.
  26. H. R. Prakash Naik, H. S. Bhojya Naik, T. R. Ravikumar Naik, **D. S. Lamani**, T. Aravinda. “A Rapid and Efficient
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Multicomponent Synthesis of Bi-Quinolines under Solvent-Free Conditions” *Journal: Phosphorus, Sulfur, and Silicon and the Related Elements*, **185:663–667, 2010.**

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#### Conferences/Posters/Presentations

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27. **Devappa S Lamani**, Debasish Bhowmick and Govindasamy Mugesh, “Synthesis, Characterization and Antioxidant Activity of Spirodiazaselenuranes” *Chemical Research Society of India (CRSI) C/O: NIIST (CSIR), TRIVANDRUM*. 14<sup>th</sup> CRSI National Symposium in Chemistry (NSC-14), During February 2-5, 2012, **has been adjudged as the best poster in the symposium. This prize is endowed in memory of Prof. Bhaskar G. Maiya.**
  28. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, A. Savyasachai, H. Raja Naik. Synthesis and DNA Binding Studies of Novel Heterocyclic Substituted Quinoline Schiff Bases *National Seminar on Current Trends in Chemistry* 18, 19 January-2008. Dept of Applied Chemistry Cochine University of Science and Technology Cochine 682 022, Kerala.
  29. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, H.R. Prakash Naik, L .R. Naik. Synthesis, Characterization and DNA Binding Studies of S<sub>2</sub>N<sub>2</sub> Donor Bis-Mercaptoquinoline Co(II) and Ni(II) Metal Complexes: A new class of Antimicrobial Agent”. *Interntional Conference on Frontiere in Chemical Research (ICFCR-2008)*. 29-31 Dece-2008. Dept of Chemistry Mangalagangothri-574 199 Mangalore University Karnataka, India
  30. **Devappa S. Lamani**, K. R. Venugopala Reddy, H. S. Bhojya Naik, Anil. B. Naik and Prakash Naik. Synthesis, DNA binding and antimicrobial activity of base catalyzed 2-phenyl-3-pyrido [3, 2] [1, 3, 4] thiadiazolo[3, 2]quinoline Derivatives\_Two Day National Conference on *Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS)*. 16-17<sup>th</sup> Jaunary-2009 Kuvempu University Shankarghitta- 577 451.
  31. **Devappa S. Lamani**, Two Day National Conference *On Biotechnanology –Current Trends and Tuture Secnario 10 and 11<sup>th</sup>* March,-2008 Kuvempu University Shankarghitta-577 451.
  32. **Devappa Lamani** UGC Sponsored two Day National Conference “*Application of Polymers on Drugs* on 21<sup>st</sup> & 22<sup>nd</sup> Agu -2015, J. T College, Gadag, Karnataka, INDIA.
  33. **Devappa S. Lamani**, B. N Kirasur, G. Mugesh “*National Conference on Recent Trends in Chemical Sciences*” (*NCRTCS -2016*), Presented work on “*Current Research on Mimics and Models of Selenium-Containing Spirodiazaselenuranes: Synthesis and Antioxidant Activity*” Organized by Manipal Institute of Technology, Department of Chemistry, Manipal University, on Jan-11-12-2016, Karnataka, INDIA.
  34. **Devappa S. Lamani**, B. N Kirasur, G. Mugesh presented work “*Synthesis, Characterization and Antioxidant Activity of Spirodiazaselenuranes Analogues*” *International Conference on Science and Technology: Future Challenges and Solution (STFCS-2016)* organized by Mysore University. Karnataka, INDIA.
  35. **Devappa S. Lamani**, B. N Kirasur, G. Mugesh presented work “*Bio-inspire Spirochalcogenanes: Synthesis, Characterization and Antioxidant Activity*” “*International Conference on Advances in Science and Engineering (ICASE-2017), 20 - 23 Jan 2017 at Bangkok, Thailand.*
  36. **Devappa S. Lamani\***, Srikant.G. Badiger “Effect of Substituents on Stability and Antioxidant Activity of Diaryl Selenides and Spirodiazaselenuranes” *Virtual International Conference on “Molecules to Materials” (MTM –2020)* 18 & 19-2020, Organized on December Applied Chemistry Department, SVNIT, Surat, Gujarat, India.
  37. **Devappa S. Lamani\*** Formation of Spirodiazaselenurane: Synthesis, Structure and Antioxidant Activity. *National Conference on "Frontiers in Organometallic and Catalysis" (FOMC-2021)* Organized by the Department of Chemistry *Malaviya National Institute of Technology Jaipur (MNIT Jaipur)*, to be held during 20th - 22nd January 2021, Jaipur
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India. **Best oral presentation award** received from Malaviya National Institute of Technology Jaipur (MNIT Jaipur) Rajasthan, India.

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