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Address for communication

Dr. MANJUNATHA K. S. (Ph.D. PDF)

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Born on December 01, 1984; Male; Indian Citizen.

Career Objective:

Seeking an opportunity to utilize my skills and knowledge in the area of synthetic organic chemistry and medicinal chemistry for challenging research problems.

Research Experience : I did my **Post-Doctoral Research**, at Dongguk University, Drug Target Control Research Center, Biomedical Campus, Goyang-si, Gyeonggi-do, **South Korea**-10325.

Industrial Experience (2 years 6 months): worked as a **Senior Research Associate**, at Analytica Chemie Inc., in R & D Department (Formerly known as LGC Promo-Chem India Pvt Ltd.), Bangalore-560058.

Academic Qualifications: **Ph. D in Chemistry (Pharmaceutical)**
(Awarded: **February 2018**)
Kuvempu University.

M. Sc in Chemistry (Pharmaceutical)
(Passed in **Distinction** with **2nd Rank**)
Kuvempu University (2008-2010).

Bachelor of Science (B. Sc) in Chemistry, Zoology, Microbiology
(Passed in **Distinction**)
Kuvempu University (2005-2008).

Research Title: “**SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF NITROGEN HETEROCYCLES**”.

Research Supervisor: **Dr. N. D. Satyanarayan**, Dept of Pharmaceutical Chemistry,
Kuvempu University.

Research Interest:

1. Catalytic synthesis of novel heterocyclic lead molecules through mild and efficient methods for material application.
2. Characterization of newly synthesized heterocycles using spectroscopic techniques.
3. To check their biological and photo physical applications.

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Research Papers, Articles published:

SI No.	Title	Authors Name	Journal Name	Status/Year of Publication
1.	Matrix-Metalloproteinase inhibitory Study of Novel Tetrahydroisoquinoline-4-carboxylates: Design, Synthesis, and Molecular Docking studies.	Nayak Devappa Satyanarayan, Abdul Rahman, Nippu Belur Ninge Gowda, Ankith Shrapura, B M Siddesh, Bettadathunga Thippegowda Prabhakar.	Chemistry and Biodiversity cbdv.202201152 International	Submitted 2022
2.	Design and Synthesis of novel Indazole bridged sulfonamide derivatives: ADMET, Molecular docking and Cytotoxicity evaluation against MIA PaCa-2 cancer cell line.	Nippu B N, Abdul Rahman, Meghana P, Manjunatha K S, Kumaraswamy H M, K M Mahadevan,	Chemical Data Collections CDC-D-22-00651 International	Submitted 2022
3.	Synthesis of Palladium-Catalysed C-C Bond Forming 4-Cyanophenyl-nicotinamide Conjugates; Anti-Pancreatic Cancer Screening on Capan-1 cell line.	Abdul Rahman; Nippu Belur Ninge Gowda; Manjunatha Kammathalli Siddappa; Sandeep Kumar Jain; Honnenahally Malleshappa Kumaraswamy; Rajeshwara Achur; Nayak Devappa Satyanarayan; Kittappa Malavalli Mahadevan	Chemistry Select slct.202204309 International	Accepted 2022
4.	Design, Synthesis and Anticancer Screening of Cu-Catalyzed SnAr Substituted Pyridine Bridged Ring Systems.	Nippu B N; Abdul Rahman; Sandeep Kumar Jain R; Manjunatha K S ; Kumaraswamy H M; Satyanarayan N D	Journal of Molecular Structure International	Accepted 2022
5.	Synthesis of Palladium-Catalysed C-C Bond Forming 5-Chloro Quinolines via Suzuki-Miyaura Coupling; Anti-Pancreatic Cancer Screening on PANC-1 cell Line.	Abdul Rahman; Nippu B N; Manjunatha K S ; Meghana P; Kumaraswamy H M; N D Satyanarayan; Achr Rajeshwara N	Chemistry and Biodiversity International	Published 2022
6.	Antimicrobial Activity of Synthesized 3-(1 <i>H</i> -indol-3-yl)-1,3-diphenylpropan-1-one derivatives 3(a-j)	Manjunatha K S	AEIJST International	Published 2018
7.	Antioxidant activity of synthesized (<i>E</i>)- <i>N</i> -(2-(1 <i>H</i> -indol-3-yl-amino)vinyl)-3-(1-methyl-1 <i>H</i> -indol-3-yl)-3-phenylpropanamide derivatives 3(a-e)	Manjunatha K S	AEIJST International	Published 2018

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8	Synthesis of some 2, 6-bis (1-coumarin-2-yl)-4-(4-substituted phenyl) pyridine derivatives as potent biological agents	R. Kenchappa, Yadav D. Bodke, A. Chandrashekar, Sandeep Telkar, K.S. Manjunatha , M. Aruna Sindhe	Arabian Journal of Chemistry	Published 2017
9.	Acetylcholinesterase inhibitory effect of 3-(1 <i>H</i> -indol-3-yl)-1, 3-diphenylpropan-1-one derivatives	Manjunatha KS , Manu CP, Satyanarayan ND, Vinay KN, Vineetha MS, Sunil More S	Asian Journal of Pharmaceutical and Clinical Research	Published 2017
10.	Biosynthesis of silver nanoparticles using pre-hydrolysis liquor of Eucalyptus wood and its effective antimicrobial Activity	M. Shivakumar, K.L. Nagashree, S. Yallappa, S. Manjappa, K.S. Manjunatha , M.S. Dharmaparakasha	Enzyme and Microbial Technology	Published 2017
11.	Antimicrobial and <i>in silico</i> ADMET screening of Novel (<i>E</i>)- <i>N</i> -(2-(1 <i>H</i> -indol-3-yl-amino) vinyl)-3-(1-methyl-1 <i>H</i> -indol-3-yl)-3-Phenylpropanamide derivatives	K. S. Manjunatha , N. D. Satyanarayan, S. Harishkumar	International Journal of Pharmacy and Pharmaceutical Sciences	Published 2016
12.	Anti-proliferative and ADMET screening of novel 3-(1 <i>H</i> -indol-3-yl)-1, 3-diphenylpropan-1-one Derivatives	Manjunatha K. Siddappa , Manjulatha K, Nayak D. Satyanarayan, Kaviraj M. Yarbagi and Adarsha H Jagadeesha	Cogent Chemistry	Published 2016
13.	Antibacterial activity of different solvent extracts of <i>Albizia amara</i>	G. Shubha, B. Govindraju, N. D. Satyanarayan & K.S. Manjunatha	Indian Journal Scientific Research	Published 2014

During my research I am actively participated in guidance for M.Sc. students to carry out their academic projects in the field of both **syntheses** as well as **plant extraction** to full fill their needs to Prepare project reports.

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REFEREES:

- Dr. N.D. Satyanarayan
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Department of Pharmaceutical Chemistry
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Paper Presented in International Conference

1. Presented a paper entitled “**Antimicrobial and *in silico* ADMET Screening of Novel (E)-N-(2-(1*H*-indol-3-yl-amino) vinyl)-3-(1-methyl-1*H*-indol-3-yl)-3-phenyl propanamide derivatives**” in International Conference on “**Science and Technology: Future Chalanges and Solutions. (SCFCS-2016)**” held at University of Mysore, Mysuru, Karnataka, India, on 8th - 9th August 2016 (Poster presentation).
2. Presented a paper entitled “**Antiproliferative, Antiangiogenic and ADMET study of newly synthesized methyl-1-oxo-2-(propan-2-yl)-3-(pyridin-3-yl)-1,2,3,4 tetrahydroisoquinoline (TIQ)-4-carboxylate derivatives**”. in International Conference on “**Nature inspired initiatives in Chemical trends (NIICT-2016)**” held at IICT Hyderabad, India, on 19 - 20th of September 2016 (Poster presentation).

Paper Presented in National Level Conference

1. Presented a paper entitled “**Anti-proliferative and ADMET screening of novel 3-(1*H*-indol-3-yl)-1, 3-diphenylpropan-1-one derivatives**” in DST sponsored national Conference on “**Synthetic And Structural Chemistry (NCSSC-2015)**” Organized by the Department of Chemistry, University College of Science, Tumkur University, Tumakuru, India, on 19th March 2015 (Oral presentation).
2. Presented a paper entitled “**Antimicrobial and in Silico ADMET Screening of Novel (E)-N-(2-(1*H*-indol-3-yl-amino) vinyl)-3-(1-methyl-1*H*-indol-3-yl)-3 Phenylpropanamide derivatives**” Organized by the Department of Pharmaceutical Chemistry, Kuvempu University Post Graduate centre, Kadur on 23rd April 2016(Poster presentation).
3. Presented a paper entitled “**Acetylcholinesterase inhibitory effect of 3-(1*H*-indol-3-yl)1,3-diphenylpropan-1-one derivatives**” Organized by the Department of Pharmaceutical Chemistry, NIITE, Mangaluru, karnataka on 17th-18th February 2017(Poster presentation).
4. Presented a paper entitled “**Antioxidant activity of methyl 4-[(3*Z*) 1-(substituted amino methyl)-2-oxo-1,2-dihydro-3*H*-indol-3-ylidene]amino} benzoate derivatives**” Organized by the Department of Chemistry, Kuvempu University Post Graduate centre, Kadur on march 2018(Poster presentation). (Poster presentation).

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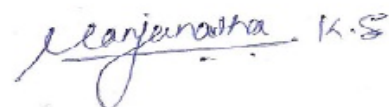
International Level Conference Participated

1. Participated in international conference on “**Impact of Chemical Research on Environment (ICRE-2016)**” held at Chemistry research centre of Savitribai Phule Pune University, Pune, India on 17th and 18th February 2016.
2. Participated in international conference on “**Scientific Principles In Dissolution Science and Drug Testing**” held at Hotel Le Meridian, Bangalore. Organised by Society for Pharmaceutical Dissolution Science and JSS University, Mysore on 18th October 2013.

ABOUT MYSELF

- Optimistic and able to match the frequency of people whom I meet.
- Hard working nature, initiative and able to think logically.
- Friendly and always curious in learning new things and team working abilities.

Hereby I solemnly declare that all the information provided here is as per best of my knowledge. If given chance, I assure you that, I will prove myself as an asset to your organization.



(Dr. Manjunatha K.S.)