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QUALIFICATION

EXAMINATION	BOARD\UNIVERSITY
Ph.D [Dept. of Pharmaceutical Chemistry]	J.S.S. Colleg of Pharmacy, Ooty [Jagadguru Sri Shivarathreeswara University, Mysuru] OCT 2018
Master of Pharmacy [Dept. of Pharmaceutical Analysis]	S.R.M. University, Chennai TAMILNADU. MAY 2009
Bachelor of Pharmacy	J.S.S College of Pharmacy, Ooty, TN M.G.R. Medical University, Chennai. Tamilnadu. AUG 2005

RESEARCH ACHIEVEMENT

1. Title: “Novel DNA Gyrase (GyrB) And Topoisomerase IV (ParE) Dual Inhibitors Possessing Potent Antibacterial Activity: Design, Synthesis and 3D-QSAR Study”.

Received Senior Research Fellowship (SRF) from Indian Council of Medical Research (ICMR) Newdelhi. Govt. of india. File No: 45/66/2103/PHA-BM, Dept. of Pharmaceutical Chemistry- J.S.S. Colleg of Pharmacy, Ooty

Duration of project: 3 years (2015-2017) Amount Sanctioned: 11.68 lakhs

2. Title: Isolation, Identification and in vitro study of some phytoconstituents in local region of palakkad. Funded by AICTE-MODROB

Prime college of pharmacy, Palakkad.

Duration of project: 2 years (2019-2021) Amount Sanctioned: 11.22 lakhs

PUBLICATIONS

- a) Dual targeting DNA gyrase B (GyrB) and topoisomerase IV (ParE) inhibitors: A review: Mohammed Afzal Azam, **Janarthanan Thathan**, Selvaraj Jubie. *Bioorganic Chemistry* 62 (2015) 41–63.
- b) Mohammed Afzal Azam, **Janarthanan Thathan**, Naga Srinivas Tripuraneni. Molecular insights on analogs of imidazo[1,2-a]pyridine, azaindole and pyridylurea towards ParE using Pharmacophore modeling, molecular docking and dynamics simulation. *Journal of Structural Chemistry* **2017**.
- c) Mohammed Afzal Azam, **Janarthanan Thathan**. Pharmacophore generation, atom-based 3D-QSAR and molecular dynamics simulation analyses of pyridine-3-carboxamide-6-yl-urea analogs as potential gyraseB inhibitors. *Journal of SAR and QSAR in Environmental Research* **2017**.

PRESENTATIONS & SEMINARS

- a) Oral presentation titled of research paper entitled “Design and synthesis of some novel antibacterial agents targeting Gyrase B and Par E” at 3rd International Conference and Exhibition on Biowaivers, Biologics and Biosimilars on October 27-29, 2014 at Hyderabad International Convention Centre, Hyderabad, India.
- b) Poster presentation titled” **Design and Synthesis of Dual Inhibitors Targeting Gyrase B and Par E**” at ICONN 2015 [4th -6th Feb 2015] International Conference on Nanoscience and Nanotechnology -2015, SRM University, Chennai, India.
- c) Poster presentation of research work entitled “**Design and Synthesis of Gyrase and Topoisomerase IV inhibitors**” in Pharmaceutical Summit and Expo. October 08-10, 2015, New Delhi, India.

NO.SEMINARS/WORKSHOP ATTENDED

International:5 National: 25

ACADEMIC WORK EXPERIENCE

- Karpagam College Of Pharmacy, Coimbatore. Professor , July 2024- Till Date
- Nirmala College Of Health Science, Chalakudy. Professor , Oct 2023-July 2024
- Prime College Of Pharmacy, Palakkad. Professor , Dec 2018 –Oct 2023.
- Senior Research Fellow –Indian Council Of Medical Research (Icmr) Jan 2015-Dec 2017 JSS College Of Pharmacy,Ooty
- Research Scholar-(Fulltime) Jss College Of Pharmacy,Ooty. July 2013-Oct 2018
- Padmavathi College of Pharmacy , Assistant Professor. June 2009-May.2013
- Organica Aromatics Pvt.ltd (SAMI LABS). Bangalore Eexecutive Chemist, Sep 2005-July 2007