

Dr.B.SUJATHA

**No.301, Skandashree Enclave,
SLV Layout, Nayandahalli,
Bangalore – 560039
Cell: 9886993934
sujathabachu80@gmail.com**

SUMMARY

- ◆ Energetic self-starter. Experience in leadership, research, and educational development.
- ◆ Specialized in Medical Microbiology, General Microbiology, Immunology, Environmental Microbiology, Food & Agriculture Microbiology, Industrial Microbiology and Immuno Technology.

PROFESSIONAL QUALIFICATION

- ◆ PGDCR in ACRI (Avigna Clinical Research Institute – 2014)
- ◆ Ph.D. in Microbiology at SPMVV, Tirupathi – January 2013
- ◆ Master of Philosophy in Microbiology from Annamali University (2006 – 2007)
- ◆ Master of Science in Microbiology from Sri Venkateswara University (2001-2003)
- ◆ Bachelor of Science in Microbiology – Biochemistry – Chemistry from Sri Venkateswara University (1997-2000)

PROFESSIONAL EXPERIENCE

- Working as Assistant Professor for Padmashree Institute of Management & Sciences, Bangalore from 2022 to present.
- Worked as Lecturer for Siddhanga College of Management & Science, Bangalore from 2015-2021
- Worked for Avigna Clinical Research Institute, Bangalore as Corporate Trainer from 2014-2015.
- Worked as Management Trainee in Micro Labs Limited, Bangalore from 2013-2014
- Worked as Project Fellow (Junior Research Fellowship) from 2009-2013 under UGC at Sri Padmavati Mahila Vishwa Vidyalayam, Tirupathi.
- Worked as Academic Consultant in Virology Department at Sri Venkateswara University, Tirupathi from 2005-2009.
- Worked as a Lecturer at K.M.M. Degree College, Tirupati from 2003-2004.
- **Faculty Development Programme:**
 1. Faculty development Programme: Development of Therapeutics using Bioinformatics: Recent Trends and Strategies conducted by-National Institute of Technology Warangal from 8th to 12th may 2023.
 2. Bioinformatics Summer Internship conducted by Biotechnika Info Labs Pvt. Ltd during May 2023.

Areas of Experience and Job Exposure:

- ◆ Extensively involved in **Research and Development.**
- ◆ Undertaken UGC major research project under the guidance of Dr. P. Uma Maheswari Devi, Associate Professor, and Head, Department of Applied Microbiology S.P.M.V.V. Tirupathi.
- ◆ Extensively involved in paper publishing, and participating in conferences.
- ◆ Student management, Career and planning schedules, managing and execution of the subject planning to achieve Department KPI.
- ◆ Successfully handled Sri Venkateswara University auditing
- ◆ Successfully handled and executed ISO auditing
- ◆ Handled symposium for the Microbiology department
- ◆ **Subjects Handled:** Fundamentals of Microbiology, Virology, Microbial Physiology, Soil and Agricultural Microbiology, Environmental Microbiology, Immunology and Genetics Medical Microbiology, Molecular biology and r-DNA technology, Biostatics and Bioinformatics.

◆ Worked in University Examination Cell, Lab Maintenance, Maintained Management Information System

Ph.D paper presentation:

◆ Sujatha B., Uma Maheswari Devi P., Screening of Oxylipins for Inhibitory activity against Bacterial pathogens of papaya. International journal of Current research and Review –Vol 03 / Issue II / Nov 2011

◆ Sujatha B., Sai Gopal D.V. R., Uma Maheswari Devi P., Purification of Lipoxygenase from Papaya Seedlings. Journal of Developmental Microbiology and Molecular biology., Vol3, Number1 (2012), PP.39-47.

◆ Sujatha B., Uma Maheswari Devi P., Antifungal potential of papaya lipoxygenase metabolites against *Phytophthora palmivora*. Journal of Pure and Applied Microbiology, 2012. Vol.6(1). P.433-438.

◆ Sujatha B., Rashmi H.K., Uma Maheswari Devi P., Antifungal Activity of Oxylipins against Papaya Fungal Pathogens. Journal of Experimental Biology and Agricultural Sciences, - June – 2013, Volume-1 (28).

M.phil Paper Presentation:

◆ Sujatha B., Sai Gopal D.V. R., Isolation and Characterization of *Xanthomonas axonopodis* from *Citrus aurantifolia* Christm (*Swingle*). The Bioscan 5(3):373-376, 2010.

Books Published:

◆ **“Role of Lipoxygenase in Papaya-Phytophthora Interactions”** by Uma Maheswari Devi P. and Sujatha B. – Lambert Academic Publications, 2013.

Workshop Attended:

- ◆ Participated in state-level workshop on **BIODIVERSITY ASSESSMENT OF CHITTOOR DISTRICT** organized by Govt of AP. On 27th and 28th of November 2008
- ◆ Participated in National workshop on the **INFLUENCE OF MICROBES ON THE EARTH ENVIRONMENT AND INHABITANTS** on the 23rd and 24th of July 2008 sponsored by UGC and APCOST
- ◆ Participated in National seminar on **RADIATION PROCESSING OF AGRI – FOODS - DOMESTIC AND EXPORT MARKET POTENTIAL** organized by departments of Home Science on 1st and 2nd November 2007
- ◆ Participated in 3 days workshop on **DRUG DESIGNING** From 24th April 2008 to 26th April 2008 at the Bioinformatics Centre, SVIMS University.
- ◆ Participated in the long workshop on **Tools and Molecular Biology** organized by the Department of Biotechnology and Bioinformatics at SVIMS University during 5th to 20th May 2007
- ◆ Participated in a National workshop on **MOLECULAR AND IMMUNO TECHNIQUES** organized by the Department of Applied Microbiology and Biotechnology from 20th to 22nd March 2013
- ◆ Participated in Science Academies national lecture workshop on **VIRAL VACCINES AND DIAGNOSTICS** held on 25th and 26th February 2013 at SVIMS

Seminars and Conferences:

- ◆ Participated at the 4th National Seminar on **COMPUTER-AIDED DRUG DESIGN** held at the Department of Bioinformatics at SVIMS from 15th and 16th February 2013.
- ◆ Participated in an international conference on **UPDATED ON PROTEIN DRUG DISCOVERY, FORMULATION AND PRODUCTION CHALLENGES** held during the 28th and 29th of October 2011.
- ◆ Participated at a National seminar on trends in **Bioethics, Bio-safety, and intellectual property rights** on 25th and 26th February 2010
- ◆ Participated in a paper presentation in the 2nd AP Science Congress held at Sri Venkateswara University from November 14th to 16th 2009.

Technical Skills:

Qualitative analysis of Amino acids, carbohydrates nucleic acids
Quantitative analysis of Amino acids, proteins, carbohydrates, cholesterol, bilirubin
Chromatography (TLC, Paper)

Electrophoresis (SDS-PAGE, Agarose)
Isolation and culturing of Bacteria
Isolation of Chromosomal DNA and Plasmid DNA
Immunological techniques
Cloning Techniques
Restriction Digestion of DNA
Southern Hybridization
Polymerase Chain reaction (PCR)
Blotting Techniques (Southern and Western)
Molecular Theory
DNA Analysis and separation
Plasmid Separation
Electrophoretic Technique
Handled instruments, especially PCR
All Reagents preparation
Culture Maintenance

Personal Details & Interests:

Date of Birth: 18th March 1980
Languages: English and 4 Indian Languages.
Marital Status: Married

References:

Dr.P. Uma Maheswari Devi, Associate Professor, and Head, Department of Applied Microbiology, Sri. Padmavathi Mahila VisvaVidaylayam Tirupathi, AP. Ph: 9848894900 Email: umadevi66@yahoo.co.in

Prof. P. Suvarnalatha Devi, Professor Department of Applied Microbiology, Sri. Padmavathi Mahila VisvaVidaylayam Tirupathi, AP. Ph: 08772284518
Email: drsurnapallipati@gmail.com

Prof.D.V.R.Sai Gopal, Professor, and Head, Department of Virology, S.V.University, Tirupathi, AP. Ph +91 877 5561944 Email: dvrSaigopal@rediffmail.com

Dr. M. Charitha Devi, Assistant Professor, Department of Virology, S.V.University, Tirupathi, AP. Ph: 08772289452 Email: charithamekala@yahoo.co.in