

CURRICULUM VITAE

Dr. Somasekhar Tiruveedhula, Ph.D.

Centre for Natural Products & Traditional Knowledge

Indian Institute of Chemical Technology

Hyderabad

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Objective

To work as a Scientist in the area of Organic synthesis that enables me to upgrade my research knowledge and skills to contribute efficiency towards the development of multi-disciplinary research.

Highlights & Skills

- Over 5 years of research experience in isolation and characterization of marker compounds.
- Experience in the purification of organic compounds by different purification techniques.
- Design and synthesis of novel bioactive New Chemical Entities from natural products.
- Experience in identification of foliose and fruticose lichens by their morphological and chemical tests.
- Experience in conducting air and moisture sensitive reactions in the lab.
- Working knowledge of chemical databases, Chemical Abstracts, SciFinder, Reaxys, Web of science, Mendeley and Computer applications ChemBioDraw, Mestrec, MNova, Microsoft office.
- Capable of both collaborative and independent research with good communication and management skills.
- Ability to prepare scientific reports and manuscripts for publication.
- Ability of typing speed 80 words per minute.

Academic Qualifications

Ph.D.

2014-2019 (Chemistry)

- ✓ Academy of Scientific & Innovative Research, Ghaziabad, India.
- ✓ Work done at Centre for Natural Products & Traditional Knowledge.
- ✓ CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad, India.
- ✓ Thesis entitled: **Isolation, Chemical Modification and Biological Evaluation of Major Metabolites of Some Lichen Species.**
- ✓ Supervisor: **Dr. U. V. Mallavadhani.**

Master of Science

2009-2011 (Organic Chemistry)

- ✓ Acharya Nagarjuna University, Guntur, India.

Bachelor of Science

2004-2007 (Bio-Technology, Bio-Chemistry, Chemistry)

- ✓ Acharya Nagarjuna University, Guntur, India.

Research Experience

- Worked as a Research scholar in CSIR- Indian Institute of Chemical Technology (IICT), Hyderabad from February 2014- February 2019.

Awards and Distinctions

- ✓ Awarded Senior Research Fellowship (SRF) by Council of Scientific & Industrial Research (CSIR), India. **2016-2019**
- ✓ Awarded Junior Research Fellowship (JRF) by Council of Scientific & Industrial Research (CSIR), India. **2014-2016**
- ✓ Qualified Junior Research Fellowship exam conducted by CSIR-UGC, India. **2013**
- ✓ Qualified National Eligibility Test (NET) conducted by CSIR-UGC, India for Lectureship. **2012**

Publications

1. Uppuluri Venkata Mallavadhani, **Tiruveedhula Somasekhar**, Gudem Sagarika and Sistla Ramakrishna. "Isolation, chemical modification and cytotoxic evaluation of atranorin, the major metabolite of the foliose lichen *parmotrema melanothrix*" *Eur. Chem. Bull*, 2018, 7(4), 150-155.
2. **Tiruveedhula Somasekhar**, Javedi Monisha, Sistla Ramakrishna and Uppuluri Venkata Mallavadhani. "Synthesis and Biological Evaluation of Some Novel Usnic acid Based Imadazolium Salts". (GNPL-2019-2902).
3. **Tiruveedhula Somasekhar**, Javedi Monisha, Sistla Ramakrishna and Uppuluri Venkata Mallavadhani. Isolation, Chemical Modification and Anti-Inflammatory Activity of (+) - Usnic acid, the Major Bio-Active Dibenzofuran Metabolite of Usnea Species. (Manuscript under preparation)
4. **Tiruveedhula Somasekhar**, Javedi Monisha, Sistla Ramakrishna and Uppuluri Venkata Mallavadhani. Synthesis and Biological Evaluation of Some Novel Usnic acid based Menadione Substituted Triazole Hybrids. (Manuscript under preparation).

Poster Presentations and Conferences

- Participated and presented a poster in "Nature Inspired Initiatives in chemical Trends" September 19-20, 2016 at IICT, Hyderabad, India.

Personal Profile

Date of Birth	:	27/06/1987
Sex	:	Male
Marital Status	:	Unmarried
Nationality	:	Indian
Permanent Address	:	S/o Seetharama rao, D.No 2-4-109, Pinapala vari street, 28 th ward, Repalle, Andhra Pradesh-522265, India.

Professional References

1. **Dr. Uppuluri Venkata Mallavadhani**, Senior Principal Scientist & Head (Rtd), Center for Natural Products & Traditional Knowledge, CSIR-Indian Institute of Chemical Technology, Hyderabad-500007, India. Tel: +91-7702003615, Email: mallavadhani@iict.res.in / uvmavadani@yahoo.com
2. **Dr. Sistla Ramakrishna**, Principal Scientist, Department of Medicinal Chemistry and Pharmacology, CSIR-Indian Institute of Chemical Technology, Hyderabad-500007, India. Tel: +91-9849109339, Email: sistla@iict.res.in
3. **Dr. P. Mangalagowri**, Principal Scientist, Center for Natural Products & Traditional Knowledge, CSIR-Indian Institute of Chemical Technology, Hyderabad-500030, India. Email: mangala@iict.res.in