

CURRICULUM VITAE

Dr. Ragi Jadimurthy, M.Sc., Ph.D

Personal information

Name : Ragi Jadimurthy

Official address : Assistant Professor, Department of Studies in Molecular Biology, University of Mysore, Manasagangotri, Mysuru-570006, India

Residential address : #110, Girigowda marga, Telecom layout, Vagdevinagara, Mysuru-570009, India

Contact information: +91 9686182125

Email : jadimurthy.ragi@gmail.com

Date of birth : 25th Dec 1987

Nationality : Indian

Academic experience

- Currently working as an Assistant Professor in the Department of Studies in Molecular Biology, University of Mysore, Manasagangotri, Mysuru from 25.04.2016.
- Worked as a CSIR-UGC Junior Research Fellow under the guidance of Dr. N.S. Devaki from 06.08.2014 to 24.04.2016 in the Department of Molecular Biology, Yuvaraja's College, University of Mysore, Mysuru.
- Served as a Guest lecturer in the Department of Molecular Biology, Yuvaraja's College, University of Mysore, Mysuru for three and half year (19.01.2011 to 31.05.2014).
- Completed four months of project work in Defence Food Research Laboratory, Mysuru on "**Isolation and identification of toxigenic *Aspergillus* species from diverse food sources**".

Educational qualification

- Completed Ph.D. in Molecular Biology under the guidance of Dr. N.S. Devaki entitled "**Molecular Characterization of Fruit rot pathogen of Arecanut and its interaction with Phosphonates**" in the Department of Molecular Biology, Yuvaraja's College, University of Mysore, Mysuru in the year 2021.
- Completed five year integrated M.Sc. in Molecular Biology in the Department of Molecular Biology, Yuvaraja's College, University of Mysore, Mysuru with **Distinction (74.34 %)** in 2010.

Academic achievements

- Qualified CSIR-UGC (JRF) examination held on 22-12-2013 and secured **74th rank** (Register no.301908).

- Qualified KSET examination for Lecturer/Assistant Professorship held on 08-12-2013 (Register no.18280656).
- Completed Ph.D. course work in Molecular Biology in the Department of Molecular Biology, Yuvaraja's College, University of Mysore, Mysuru in June 2014.

Research publications

- Mohan CD, Rangappa S, Nayak SC, **Jadimurthy R**, Wang L, Sethi G, Garg M, Rangappa KS. Bacteria as a treasure house of secondary metabolites with anticancer potential. In Seminars in Cancer Biology 2021 May 9. Academic Press (**Impact factor – 17.012**)
- **Jadimurthy R**, Jagadish S, Nayak SC, Kumar S, Mohan CD, Rangappa KS. Phytochemicals as invaluable sources of potent antimicrobial agents to combat antibiotic resistance. *Life*. 2023 Apr 4; 13(4):948 (**Impact factor – 3.253**)
- **Jadimurthy R**, Mayegowda SB, Nayak SC, Mohan CD, Rangappa KS. Escaping mechanisms of ESKAPE pathogens from antibiotics and their targeting by natural compounds. *Biotechnology Reports*. 2022 Jun 1;34:e00728 (**CiteScore – 12.8**)
- Lavanya SN, Niranjana-Raj S, **Jadimurthy R**, Sudarsan S, Srivastava R, Tarasatyavati C, Rajashekara H, Gupta VK, Nayaka SC. Immunity elicitors for induced resistance against the downy mildew pathogen in pearl millet. *Scientific Reports*. 2022 Mar 8;12(1):1-7 (**Impact factor – 4.996**)
- **Jadimurthy R**, Chandrakanth R. and Devaki NS. Pathogenicity of *Phytophthora vexans* on arecanut. *Research Journal of Biotechnology*. 2020 15(6):98-105 (**Impact factor – 0.13**)
- **Jadimurthy R**, Marathe GK, Devaki NS. Effect of ergosterol and arecanut husk extracts on *Phytophthora arecae*, the causal organism of Koleroga of Arecanut. *Acta Biologica Indica*. 2014;3(1):617-9.

Conferences/workshops participated

- Participated in “**103rd Indian Science Congress**” held at University of Mysore, Mysuru from January 3 to 7, 2016.
- Participated in three days of National Workshop on “**Next Generation Sequencing**” held at Institution of Excellence, University of Mysore, Mysuru from October 7 to 9, 2015.
- Participated in 3rd International Symposium on “**Phytophthora: Taxonomy, Genomics, Pathogenicity, Resistance and Disease Management**” held at Indian Institute of Horticultural Research, Bengaluru from September 9-12, 2015.
- Participated in NABS National Seminar on “**Biological Products for Crop, Animal and Human Health Problems and Prospects**” held at University of Mysore, Mysuru from August 21-22, 2015.
- Participated in one day National Seminar on “**Chemistry and Chemical Biology**” on the occasion of Prof. K.S. Rangappa's 60th Birthday held at University of Mysore, Mysuru on 26th May, 2015.

- Participated in UGC sponsored National Symposium on “**Microbes and Human Welfare**” organized by Postgraduate department of Biotechnology, JSS college of Arts, Commerce and Science, Mysuru in Association with Microbiologist of India (Mysore chapter) on 24th march 2015.
- Participated in two day UGC sponsored National Seminar on “**Statistical Methods and Data analysis**” held on 26th and 27th September, 2014 at Yuvaraja’s College, Mysuru.
- Participated in three days workshop on “**Handling of Scientific Equipment (Batch-II)-IOE**” held from 10th-12th September 2014, at Institution of Excellence, Vijnana Bhavan, University of Mysore, Mysuru.
- Participated in **Molecular Biology Lecture series** held on 5th September 2014 at Department of studies in Biochemistry, University of Mysore, Mysuru.
- Participated in two days National Symposium on “**Lipids and Cardiovascular diseases**” held at Department of Studies in Biochemistry, University of Mysore, Mysuru from April 13 to 14, 2014.
- Participated and presented an article entitled “**Effect of Ergosterol and Arecanut extract on *Phytophthora Arecae*, Koleroga pathogen of Arecanut**” in the International Conference on “**Biodiversity, Bioresources and Biotechnology**” held at the Quorum hotel, Mysuru, Karnataka during January 30-31, 2014.
- Participated in International Symposium on **Chemical Biology-Drug Discovery Programme** held at University of Mysore, Mysuru from January 9 to 10, 2014.
- Participated in two days National Conference on “**Cancer Biology**” held at Department of studies in Biochemistry, University of Mysore, Mysuru from November 29 to 30, 2013.
- Participated in Conference on “**Recent Advances in Computational Drug Design**” held at Indian Institute of Science, Bengaluru from September 16 to 17, 2013.
- Participated in one day Symposium on “**Cell structure and Function**” held at Department of studies in Biochemistry, University of Mysore, Mysuru on 28th March, 2013.
- Participated in state level Seminar on “**Recent developments in microbial technology**” held at Department of Microbiology, J.S.S. College for Women (Autonomous), Mysore-09 on 5th and 6th March, 2009.

Other informations

- Life member of “**The Indian Science Congress Association**”, Kolkata (Membership No.L24224)
- Life member of “**Society of Biological Chemists (India)**”, Bengaluru (Membership No.3619)

References

- **Prof. K.S. Rangappa**
Ph.D., D.Sc., FRSC., FNASc.

Former Vice Chancellor, University of Mysore
Distinguished Professor, Institution of Excellence, Vignana Bhavan
University of Mysore
Manasagangotri
Mysuru-570006
India
Tel: +91-821-2419428
Official Email: rangappaks@ioe.uni-mysore.ac.in
Alternate Email: rangappaks@gmail.com

▪ **Dr.N.S. Devaki**

M.Sc, Ph.D
Course Co-ordinator,
Molecular Biology Department
Yuvaraja's College,
University of Mysore,
Mysore-570005
India
Tel: +91-821-2419236
Official Email: nsdevaki@ycm.uni-mysore.ac.in
Alternate Email: devakins@yahoo.com

▪ **Dr. S. Chandra Nayak**

M.Sc., M.Phil., Ph.D.
Professor & Officer In-charge -ICAR (AICRP- Mysore centre)
Pearl millet pathology laboratory
Department of Studies in Applied Botany and Biotechnology
University of Mysore
Manasagangotri
Mysore-570006
India
Tel: +91-9886640778
Official Email: chandranayak@appbot.uni-mysore.ac.in
Alternate Email: moonnayak@gmail.com

▪ **Dr. Mohan C. D**

Ph.D, MRSB, MNASc
Senior Scientist
FEST Division
CSIR-Indian Institute of Toxicology Research
Vishvigyan Bhawan
31, Mahatma Gandhi Marg
Lucknow – 226 001
India
Tel: +91-9663166681
Official Email: cd.mohan@iitr.res.in
Alternate Email: cd.mohan@yahoo.com

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge

Date:

Yours sincerely

Place: **Mysuru**

Ragi Jadimurthy