

## **Dr. Medha R. Dange**

### **Educational Qualification**

- Ph.D. Biotechnology, Savitribai Phule Pune University, 2008-2017
- M.Sc. Microbiology, Savitribai Phule Pune University, 2006-2008
- B.Sc. Microbiology, Savitribai Phule Pune University, 2003-2006

### **Significant Achievements**

- Qualified Graduate Aptitude Test in Engineering (GATE) in 2008 in Life Sciences with score 422, percentile 95.26 and all India Rank 623.
- Cleared national level examination (for PhD) for Indian Institute of Science, India (in 2008) and National Institute of Immunology, India (in 2008).
- Awarded Junior Research Fellowship and Lectureship through nationwide exam (NET) conducted by Council of scientific and Industrial Research (CSIR), India (Dec. 2007 and also Jun. 2008) to undertake Ph.D.
- First rank in University of Pune in B.Sc. Microbiology (2006, 86%) and M.Sc. Microbiology (2008, GPA-5.92/6).
- 14th rank in Nasik divisional board in HSC, 2002.

### **Teaching Experience: ~ 08 years**

- Assistant Professor (CHB), Department of Microbiology, MES Garware college, Pune (October 2021- June 2022): Subjects taught include, theory and practicals in Medical Microbiology at undergraduate level
- Assistant Professor (CHB), Department of Microbiology, MES Garware college, Pune (July 2019- April 2020): Subjects taught include, theory and practicals in Medical Microbiology at undergraduate level
- Assistant Professor (Consolidated), Department of Microbiology, MES Garware college, Pune (July 2018- April 2019):Subjects taught include, theory and practicals in Basic techniques in Microbiology, Medical Microbiology at undergraduate level.
- Assistant Professor (1 year post), Department of Microbiology, Savitribai Phule Pune University (September 2016- July 2017):Conducted theory lectures in Molecular biology, Immunology, Bioinformatics and practicals in ecology at postgraduate level.
- Assistant Professor (CHB), Department of Microbiology, MES Garware college, Pune (July 2016- September 2016):Subjects taught include, theory and practicals in Basic techniques in Microbiology, Medical Microbiology and genetics at undergraduate level.
- Assistant Professor (CHB), Department of Microbiology, H.V. Desai College, Pune (December 2014- April 2015):Subjects taught include, theory and practicals in Basic techniques in Microbiology, Industrial Microbiology and genetics at undergraduate level.
- Conducted Few Biology practicals in IISER, Pune in 2008.

## Research work during Ph.D. : 9 years [2008-2017]

**Ph.D. Topic: Molecular characterization of chickpea-Fusarium oxysporum f. sp. ciceri interaction**

### Publications

#### Papers in peer reviewed journals :

- Medha L. Upasani, Gurjar GS, Kadoo NY, Gupta VS (2016) Dynamics of Colonization and Expression of Pathogenicity Related Genes in Fusarium oxysporum f.sp. ciceris during Chickpea Vascular Wilt Disease Progression. PLoS ONE 11(5): e0156490. doi:10.1371/journal.pone.0156490
- Medha L. Upasani, Bhakti M Limaye, Gayatri S. Gurjar, Sunitha Manjari K, Rajendra R. Joshi, Narendra Y. Kadoo, Vidya S. Gupta (2017) Chickpea-Fusarium oxysporum interaction transcriptome reveals differential modulation of plant defense strategies. (Nature Scientific reports, DOI:10.1038/s41598-017-07114-x)
- Medha L. Upasani, Meenakshi B. Tellis, Gayatri S. Gurjar, Narendra Y. Kadoo (2017) Transcriptional Regulations in chickpea-Fusarium interaction. (Under Preparation)

#### Book Chapters :

- Gurjar G, Mishra M, Kotkar H, Medha L. Upasani, Pradeep Kumar, Tamhane V, Kadoo N, Giri A and Gupta V (2009) Major biotic stresses of chickpea and strategies for their control. In: Pests and Pathogens: Management Strategies. Editors: - D.V. Reddy, P.N. Rao, K.V.Rao @ 2010 BS Publications ISBN: 978-81-7800-227-9.

### Extra-curricular Activities

- I am a fifth year student of Hindustani classical music and have scored distinctions in all four exams of Gandharva Mahavidyalaya, Pune, Maharashtra, India. I was one of the participants in an extra-ordinary classical music concert named 'Anternaad' held in January, 2010 in Pune by Shree Shree Ravi Shankar, founder of "The Art of Living". The event has been recorded in Guinness book of World Records.
- I have successfully completed two exams of Yoga from 'Bharatiya Yoga Vidya Dham', Nasik, Maharashtra, India and regularly practice the Pranayama and meditation early morning.
- I am a teacher of Sri Sri Sanskar kendra, The Art Of Living and have knowledgefully enjoyed the company of 6-10 years kids since last years.

### Personal Information

Name : : Medha Laxmikant Upasani (Medha Rahul Dange)  
Gender : : Female  
Birth Date : : 30th March 1986  
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