

Curriculum Vitae

Mithila Ashok Kamble

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Academic Qualifications (Undergraduate Onwards)

University/ Institution	Specialization	Degree and Year
Gogate Jogalekar College, Ratnagiri; Affiliated to University of Mumbai, Maharashtra, India	Biotechnology	B. Sc., 2015
University of Calicut, Kerala	Biotechnology	M. Sc., 2017
IISER Kolkata, West Bengal	Biological Sciences	Ph.D. candidate 2017-2022

Work/ Research Experience (in chronological order)

Position	Division/ Department	University/ Institution	From (Month/ Year)	To (Month/ Year)
Postgraduate student	Department of Biotechnology	University of Calicut	August 2015	July 2017
Junior Research Fellow	Department of Biological Sciences	IISER Kolkata	Dec 2017	Aug 2020
Senior Research Fellow	Department of Biological Sciences	IISER Kolkata	Aug 2020	2022

Professional Recognition/ Award/ Prize/ Certificate, Fellowship

• National Level Competitive Examinations:

1. Joint CSIR- UGC NET 2017: Awarded JRF under UGC scheme Subject: Life Sciences, Rank: 119

2. ICMR- JRF Examination 2017: Awarded JRF under ICMR scheme Subject: Life Sciences, Percentage: 60

3. Combined Entrance Examination for Biotechnology 2015 conducted by Jawaharlal Nehru University, New Delhi, India (JNU CEEB) for admission to Postgraduate Biotechnology programs

• Won **S. S. Parmar Research Foundation (USA) Prize** for the **Best paper** presented in **Poster session** titled “**iNOS plays a protective role in murine-Coronavirus induced neuroinflammatory demyelination**” in the **XXXVIII Annual Meeting of Indian Academy of Neurosciences 2020** (IAN International e-Conference) organized by University of Hyderabad from 4th to 07th Oct 2020

- **Third Prize in Poster Competition in the UG category in *National Seminar on Biotechnology for Better Tomorrow*** organized by R. P. Gogate College of Arts and Science and R. V. Jogalekar College of Commerce, in collaboration with Microbiologist's Society of India, Maharashtra, India, 26th Feb 2015

Workshops and conferences attended

- **Participated and volunteered as student organizer at XXXIX Annual Meeting of Indian Academy of Neurosciences (IAN), Theme: "NeuroGlia in Health and Disease"** organized by Indian Institute of Science Education and Research Kolkata, Netaji Subhas Open University & CSIR-Indian Institute of Chemical Biology from December 16th to December 19th, 2021
- **Presented Poster** titled "iNOS plays a protective role in murine-Coronavirus induced neuroinflammatory demyelination" in the *XXXVIII Annual Meeting of Indian Academy of Neurosciences 2020* (IAN International e-Conference) organized by University of Hyderabad from 4th to 07th Oct 2020
- **Participated in *Bilateral Indo-US Webinar on COVID Biology***, organized by Indian Institute of Science Education and Research Kolkata, India in collaboration with IISc, Bangalore, India, University of Pennsylvania, and the University of Colorado, School of Medicine, USA, 16th to 19th Aug 2020
- **Presented Poster** titled "Microglial activation in MHV induced neuroinflammation: A cellular and molecular perspective" at *Frontiers in Modern Biology (FIMB) 2020 Symposium* organized by Department of Biological Sciences, IISER Kolkata, West Bengal, India, 28th to 29th Feb 2020
- **Presented Poster** titled "Understanding the basis of neuronal dysfunction In Neuropsychiatric SLE" at the "New Insights into the Inflammation, Immunity, and Pathobiology of Diseases" *Indo US symposium* organized by Department of Biological Sciences, IISER Kolkata, Andaman, India, 3rd to 8th Dec 2019
- **Presented Poster** titled "Understanding the basis of neuronal dysfunction In Neuropsychiatric SLE" at the *Young Scientists' Conference* as a part of the *India International Science Festival 2019*, Biswa Bangla Convention Centre Kolkata, West Bengal, India, 5th to 8th Nov 2019
- **Participated in *XLII All India Cell Biology Conference and 2nd International Conference on Trends in Cell and Molecular Biology***, Bits Pilani, Goa, India, 21st to 23rd Dec 2018
- **Participated in *Workshop on Advanced Bioanalytical Methods and Applications in Coordination with International Outreach Activities in Advanced Microbiology Education and Teaching*** organized by Department of Biological Sciences, IISER Kolkata, Gangtok, Assam, India, 24th Feb to 1st Mar 2018
- **Participated in the *In-Silico Crafts Innovations, National Workshop in Cheminformatics conducted by Department of Biotechnology***, University of Calicut, Kerala, India, 6th to 8th Dec 2016
- **Participated in the *National Conference on Mangroves of Konkan Coast organized by Mangrove Society of India*** in collaboration with Gogate Jogalekar College, Ratnagiri, Maharashtra, India, 2nd to 3rd Feb 2015
- **Participated in "Shodhvedh 2014"**, the Gogate Jogalekar College In- House Research Festival, Ratnagiri, Maharashtra, India, 28th Feb 2014
- **Selected for participation and participated in the "DST Inspire Science Camp"** conducted by International Institute of Information Technology, I2IT, Pune, Maharashtra, India, 18th to 22nd Jun 2012

Teaching Experience

- Teaching Assistant for the course titled “**Introduction to Biology II Theory**” Spring 2019 offered by the Department of Biological Sciences, IISER Kolkata, West Bengal, India, 2019
- Teaching Assistant for the course titled “**Introduction to Neurobiology**” Autumn 2019 offered by the Department of Biological Sciences, IISER Kolkata, West Bengal, India, 2019

Additional Qualifications

- **Diploma Course in Tissue Culture** (Add-On-Course scheme of UGC), Gogate Jogalekar College, University of Mumbai, 2014
- **Certificate Course in Tissue Culture** (Add-On-Course scheme of UGC), Gogate Jogalekar College, University of Mumbai, 2014
- **Maharashtra State Certificate in Information Technology (MS- CIT)**, Maharashtra State Board of Technical Education, Mumbai

Publications

- Fareeha Saadi, Debanjana Chakravarty, Saurav Kumar, **Mithila Kamble**, Bhaskar Saha, Kenneth S. Shindler, Jayasri Das Sarma CD40L protects against mouse hepatitis virus-induced neuroinflammatory demyelination. PLOS Pathogens 17(12): e1010059. <https://doi.org/10.1371/journal.ppat.1010059>
- Soumya Kundu, Fareeha Saadi, Sourodip Sengupta, Gisha Rose Antony, Vineeth A. Raveendran, Rahul Kumar, **Mithila Ashok Kamble**, Lucky Sarkar, Amy Burrows, Debnath Pal, Ganes C. Sen, Jayasri Das Sarma. DJ-1-Nrf2 axis is activated upon murine β -coronavirus infection in the CNS, Brain Disorders, Volume 4, 2021. doi.org/10.1016/j.dscb.2021.100021
- Avijit Sardar, Aritraa Lahiri, **Mithila Kamble**, Amirul I. Mallick and Pradip Kumar Tarafdar. Translation of Mycobacterium Survival Strategy to Develop a Lipo-peptide based Fusion Inhibitor, Angew Chem Int Ed Engl. 2020 Nov 26 : 10.1002/anie.202013848