

Uma Swaminathan

Graduate student
IISER Pune

Indian Institute of Science Education & Research

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Education

2021-present

Senior Research Fellow (SRF)

Pucadyil lab, IISER Pune, India

2019-2021

Junior Research Fellow (JRF)

Pucadyil Lab, IISER Pune, India

2016-2018

M.Sc., Advanced Biochemistry

University of Madras, Chennai, India

2013-2016

B.Sc., Biochemistry

Ethiraj College for Women, Chennai, India

Achievements

2021-present

Senior Research Fellowship

UGC- Council for Scientific and Industrial Research

2019

Junior Research Fellowship

UGC- Council for Scientific and Industrial Research

(percentile: 99.8, Rank: 61)

2018

Qualified Joint Graduate Entrance Examination for Biology and Interdisciplinary Life Sciences [JGEEBILS]

2018

Merit Scholarship for Academic Excellence

University of Madras, Chennai, India

2018

1st rank holder, M.Sc.

University of Madras, Chennai, India

2016

Qualified Joint Admission test for M.Sc. [JAM]

(Percentile: 82)

Research Experience

2019-present

Graduate student

Working on membrane remodeling by proteins

Prof. Thomas Pucadyil's lab, IISER Pune

2018-2019

Master's Thesis and dissertation

Worked on understanding the regulation of a novel

Leishmania gene by its 3' UTR

Dr. Tushar Vaidya's lab, Centre for Cellular & Molecular Biology, (CCMB) Hyderabad, India

2017

Internship

Worked on biochemical separation methods and immunocytochemistry

Dr. Geetha Ramachandran, ICMR- National Institute for Research in Tuberculosis (NIRT), Chennai, India

2016

Training

Working of Scanning Electron Microscope (SEM)

Cancer Institute, Chennai, India

Teaching Experience

Fall 2021

Teaching Assistant: Advanced Biochemistry, IISER Pune

Fall 2020

Teaching Assistant: Ecology and Evolution, IISER Pune

Spring 2020

Teaching Assistant: Genome Biology, IISER Pune

Conference (participated)

International Conference on Autophagy and Lysosomes, Bengaluru, India (2020)