



Shraddha Lahoti

Senior Research Fellow

An enthusiastic researcher with constant dedication



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+91 6304028106 (9am to 7pm)



Hyderabad, India



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SKILLS

Recombinant DNA technology

Western Blotting

SDS PAGE

Protein Purification

Microbiology

HPLC

Immunoprecipitation

Mass Spectrometry

RNA technology

Microscopy

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Marathi

Native or Bilingual Proficiency

ACHIEVEMENTS

CSIR NET JRF Dec 2016
(AIR-51)

CSIR NET JRF Jun 2017
(AIR-22)

GATE 2017 Life Science

DBT JRF 2017

SET Maharashtra 2017

EDUCATION

M Tech Integrated in Biotechnology

D. Y. Patil School of Biotechnology and Bioinformatics, Navi Mumbai.

07/2011 - 07/2016

75% (CGPA: 7.9)

HSC

Maharashtra Board

07/2009 - 07/2011

83.50%

SSC

Maharashtra Board

07/2008 - 07/2009

94.46%

WORK EXPERIENCE (3 YEARS)

Senior Research Fellow

CSIR- Centre for Cellular and Molecular Biology

08/2019 - 02/2021

Hyderabad

Tasks

- Epigenetic regulation by Trithorax complex in *Arabidopsis thaliana*.
- Cloning of various *Arabidopsis thaliana* genes.
- Protein over expression and purification from bacteria using NiNTA.
- Raising polyclonal antibody against a plant protein in rats and rabbits.

Junior Research Fellow

CSIR- Centre for Cellular and Molecular Biology

08/2017 - 08/2019

Hyderabad

Tasks

- Immunoprecipitation using transgenic plant protein as a bait.
- Mass spectrometry to identify the interactors of the bait protein.
- Protein Protein interaction assays like Bimolecular interaction florescence complementation (BiFC), Split luciferase complementation assay.

Dissertation Trainee

CSIR- National Chemical Laboratory

01/2016 - 07/2016

Pune

Tasks

- Project : Proteomics of *Helicoverpa armigera*.
- Cloning and expression of *Helicoverpa armigera* genes into desired vectors.
- Conducting growth assays on *Helicoverpa armigera*. Scoring growth, moulting, reproduction.
- Molecular docking.

Contact: Dr Ashok P. Giri, Senior Scientist, NCL

Trainee

National Burns Centre, Airoli

Tasks

- Understanding how skin grafts are made, preserved and used to cure burn injuries.

Participated in various dance competitions

At various levels