

Roshankumar Jadhav

Research Scholar

Research Experience in Molecular Biology Techniques such as Molecular Cloning, PCR as well as Plant Tissue Culture. Strong expertise in solving problem related to Recombinant DNA technology. Protein Expression and purification in Bacterial and Plant system is major interest. Skillful handle Basic Bioinformatics software.



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WORK EXPERIENCE

Project Associate

CSIR-Institute of Himalayan Bioresource Technology

02/2022 - Present

Palampur, India

Tasks

- Transgenerational heat stress memory in Plants

Contact: Dr Gaurav Zinta

Junior Research Fellow

DBT-National Institute of Plant Genome Research

07/2020 - 01/2022

New Delhi

Task

- Large scale Phenotyping of Rice Germplasm for Higher Photosynthesis and related traits
- Heterologous expression of Rubisco in E. coli

Contact: Dr. Ashish Ranjan, Staff Scientist V, Plant Development and Genomics, DBT-NIPGR
- Mail ID-aranjan@nipgr.ac.in Contact no: +919717363272

Senior Research Fellow

ICAR-INDIAN INSTITUTE OF RICE RESEARCH

12/2018 - 01/2020

Rajendranagar, Hyderabad

Tasks

- Insert root trait related gene in vector
- Hands on training for agrobacterium mediated transformation to alter root architecture

Contact: Dr P. Anandakumar, Emeritus Scientist, Former Director ICAR-NRCPB

Junior Research Fellow

ICAR-INDIAN INSTITUTE OF RICE RESEARCH

01/2018 - 12/2018

Rajendranagar, Hyderabad

Tasks

- Cloned sucrose transporter related gene in bacteria E. coli
- Experience in developing phylogenetic relationship related to respective gene

Contact: Dr. Divya P. Syamladevi, Scientist (Biotechnology),

TEAM WORK, TIME MANAGEMENT, FLEXIBILITY, ADAPTABILITY, PATIENCE, PROBLEM SOLVING, CREATIVITY

Skill

REFERENCES

Dr Anil Kumar, Director of Education, Rani Lakshmi Bai Central Agriculture University, Jhansi, Uttar Pradesh
"Mentor (M. Sc.), Former Professor and Head Department of Molecular Biology and Genetic Engineering College of Basic Science and Humanities, GBPUAT, Pantnagar."

Contact: directoreducation.rlbcau@gmail.com; anilkumar.mbge@gmail.com, - +919411195450

Dr. Ashish Ranjan, Staff Scientist V, Plant Development and Genomics, DBT-NIPGR, New Delhi
"Project In charge-JRF -NIPGR-New Delhi"

Contact: Email: aranjean@nipgr.ac.in - +919717363272

PUBLICATIONS

Patent

Seed storage prolamin gene (fimP2) of Finger millet (Eleusine coracana) encoding a protein enriched with methionine-an essential amino acid

Author(s)

Jadhav Roshankumar Namdeo, Aparna Agrawal, Supriya Gupta, Dinesh Pandey and Anil Kumar
2018

Patent File No. 201811033469 (Published waiting for getting granted)

HONOR AWARDS

fellowship for pursuing M. Sc. (Biotechnology) (2015)

Department of Biotechnology (DBT), Govt. of India

- JNU fellowship award with all India Rank 15

ICAR's AIEEA-PG-2015 (2015)

ICAR

- All over India Rank 66 with major subject Plant Biotechnology

CONFERENCES

1st Brazilian Symposium on Photosynthesis: Perspectives to improve photosynthetic efficiency in a climate change scenario (10/2020)

BSP, UNESCO, UFC, UFPI

National Conference on Integrative Plant Biochemistry and Biotechnology (11/2019)

ICAR-IIRR and Society for Plant Biochemistry and Biotechnology, New Delhi

- Presented poster on Host Parasite interaction in Safflower and Fusarium oxysporum

CERTIFICATES

ASRB-ICAR NET- Qualified-2020

EDUCATION

MSc (Agriculture) Molecular Biology and Biotechnology

Gobind Ballabh Pant University of Agriculture and Technology

08/2015 - 11/2017

Pantnagar, Uttarakhand

GPA

- 7.86

BSc Agricultural Biotechnology

Vilasrao Deshmukh College of Agricultural Biotechnology

07/2011 - 06/2015

Latur, Maharashtra

GPA

- 8.43