

## **Kalika Prasad**

Associate Professor

Department of Biology

Indian Institute of Science Education and Research,

Pune- Maharashtra, India

Email: kalika.prasad@iiserpune.ac.in



### ACADEMIC QUALIFICATIONS:

2004 - Ph. D. Indian Institute of Science, Bangalore, India

1997 - M. Sc. MS University of Baroda, Baroda, India

1994 - B. Sc. University of Allahabad, Allahabad, India

### JOURNAL EDITORIAL WORK/ PEER REVIEWER FOR JOURNAL'S/ REVIEWER OF EXTERNAL FUNDING AGENCIES

#### *a) Journal Editorial Work*

- 2024, Editorial Board member of *Developmental Biology (USA)*
- DB early career Guest Editor for special issue in *Developmental Biology (USA)* (for year 2017-2018).
- Editorial board member of *Journal of Genetics*

#### *b) Peer Reviewer for Journal's*

Reviewer of manuscripts in: *Developmental Cell*, *EMBO Journal*, *EMBO Reports*, *Current Biology*, *Proceedings of National Academy of Sciences (PNAS USA)*, *Nature Communications*, *Nature Plant*, *Science Advances*, *The Plant Cell*, *Trends in Plant Science*, *Development*, *Molecular Plant*, *PLoS One*, *Planta*, *BMC Plant Biology*, *Journal of Genetics*, *Molecular Plant*, *Current Opinions in Plant Biology*, *Plant Physiology*, *Plant Cell Physiology*, *Frontiers in Plant Science*, *iScience*

#### *c) Reviewer of external funding agencies*

- Reviewer of grants for: National Science Foundation (NSF) – USA, UK Research and Innovation (UKRI), Research Foundation – Flanders, Belgium (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO), Israel Science Foundation (ISF), Swiss National Science Foundation (SNSF), Department of Science and Technology (DST), Govt of India and Department of Biotechnology,

Govt of India

- Member of Department of Biotechnology, Govt of India, Plant Biotechnology funding Task force, 2022-
- Member of Nomination Council for Infosys Prize, 2024

#### AWARDS & FELLOWSHIPS:

- Fellow, IAS (Indian Academy of Sciences), 2023
- INSA (Indian National Science Academy) medal for young scientist
- The Shamrao Kaikini Medal for the best thesis in division of Biological and chemical sciences, Indian Institute of Science
- Kanhaiya Lal Kakkar Gold Medal
- Parsadi Lal Gold Medal
- Taroo Bala Palit Memorial Gold Medal
- EMBO long-term fellowship
- Travel fellowship from International Society of Plant Molecular Biology (ISPMB)
- Travel fellowship from American Society for Developmental Biology (SDB)
- Visiting student fellowship from Institute of molecular agrobiolgy (IMA), Singapore
- United states department of agriculture (USDA -FERRO) travel award
- Visiting student fellowship from Rockefeller foundation
- Graduate Aptitude Test for Engineering (GATE), 11th rank in India
- Fellowship from CSIR (Council for Scientific and Industrial Research)
- Scholarship from Department of Biotechnology (DBT) for Masters studies
- National Merit Scholarship for B. Sc. Studies
- State level merit scholarship for High School studies

#### RESEARCH ACTIVITIES:

June 2021- to present, Tenured Associate Professor, Indian Institute of Science Education and Research, Pune: Regulation of regeneration and developmental plasticity in plants

June 2017- June 2021, Tenured Associate Professor, Indian Institute of Science Education and Research, Trivandrum: Regulation of regeneration and developmental plasticity in plants

Nov 2010- June 2017, Assistant Professor, Indian Institute of Science Education and Research, Trivandrum, Area of Research: Regulation of regeneration and developmental plasticity in plants

From- 2006 To- 2010, Institution: Utrecht University, Utrecht, Position: EMBO Postdoctoral fellow,

Area of research (name of supervisor): Regulatory feedback loop for primordium formation in *Arabidopsis* (Prof. Ben Scheres).

From- Oct 2005 To- March 2006, Institution: Indian Institute of Science, Bangalore, India. Position: Research fellow, Area of research (name of supervisor): Role of gene duplication in rice floral organ patterning (Prof. Usha Vijayraghavan).

From- July 2004 To- July 2005, Institution: Massey University, Palmerston North, New Zealand. Position: Visiting research associate.

From- Aug 1998 To- June 2004, Institution: Indian Institute of Science, Bangalore, India. Position: Ph.D. student, Area of research (name of supervisor): Genetic control rice inflorescence branching and floral organ patterning (Prof. Usha Vijayraghavan).

a. 2000 (Oct-Nov) Worked in laboratory of Prof. V. Sundaresan, IMA, Singapore (Present address is- UCDAVIS, USA). On *Agrobacterium* mediated rice transformation (part of PhD work).

b. 1999 (Oct-Nov) Worked in laboratory of Prof. Bob Schmidt, UCSD, San Diego, USA. On construction and screening of rice genomic library, RNA-RNA in situ hybridization (part of PhD work).

c. 1999 (Aug) Worked in laboratory of Dr. Autar K. Mattoo, USDA, Beltsville, MD 20705-2350, USA.

On genomic organization of *RFL*, a rice *LFY* homolog (part of PhD work).