



Subramanian Sankaranarayanan, PhD

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Research Associate position in Plant Biotechnology

Indian Institute of Technology Gandhinagar (IITGN) invites applications for a Research Associate position in Plant Biotechnology for a research project funded by GSBTM, Department of Science and Technology, Government of Gujarat.

Job Description

The candidate will be required to develop groundnut plants with improved oil quality using a CRISPR-Cas9 genome activation approach. He/she will be responsible for designing and generating CRISPR based plant transformation constructs/gene cassettes. He/she will also work on plant tissue culture, transformation and characterization of putative transgenic plants. The candidate will utilize biolistic method of gene transfer in plants. He/she will have an opportunity to collaborate/interact with plant scientists of different domains at National and International level. The candidate should be highly motivated, independent and a continuous learner. The candidate will also be expected to assist the Principal Investigator in other projects, writing reports/grants for the funding agencies and guiding graduate and undergraduate students.

Eligibility: PhD in Plant biology, Plant Biotechnology, Plant Developmental Biology, Plant Molecular biology, Plant genetics. Candidates with experience in transgenic technology which includes gene cloning, vector construction, genome editing, biolistic delivery and plant transformation will be given preference.

Duration: Initial appointment is for 1 year, extendable up to 2 more year based on performance

Remuneration: 43,000 INR per month + Rs.7,200 HRA (HRA will not be provided if accommodation on campus is availed)

Application Procedure: Candidates must send their applications **via e-mail** to Prof. Subramanian Sankaranarayanan (s.sankar@iitgn.ac.in). The following documents must

be sent as a **single pdf attachment** to the email:

1. Current CV with list of publications
2. A one-page summary of previous research/work experience
3. A one-page write-up about why you want to take up this postdoc position
4. Name and address of 2 potential referees.

Last date: **3rd December 2022**

Queries may be directed to Prof. Subramanian Sankaranarayanan.