



National Agri-Food Biotechnology Institute (NABI)  
(Dept. of Biotechnology, Govt. of India)  
Sector-81, Knowledge City, Manauli P.O, S.A.S. Nagar-140306, Punjab, India.  
Website: [www.nabi.res.in](http://www.nabi.res.in)

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**Walk In Interview for the Positions of Senior Research Fellow and Junior Research Fellows & Field Assistant**

National Agri-Food Biotechnology Institute (NABI) is an autonomous Institute under Department of Biotechnology, Government of India. NABI aims at catalysing the transformation of Agri-food sector in India by being a nodal organization for knowledge generation and translational science leading to value-added products based on Agri-Food biotech innovations for improved household nutritional security. Since its inception in 2010, NABI is involved in research activities for the Bio fortification, development of designer crops for improved nutrition, providing sustainable and novel solutions towards quality food and nutrition, and development of evidence based functional foods to counter malnutrition. Food and nutritional Biotechnology division at NABI requires following research personnel purely on temporary basis.

**1. Senior Research Fellow for “Utilizing genome editing tools for nutritional improvement in wheat” (01 Position)**

**Emoluments:-Rs. 28000/- Per Month Plus HRA as per project**

**Essential qualifications:**

Post Graduate Degree in Basic Science OR Graduate /Post Graduate Degree in professional course selected through a process described through any one of the following:-

- a) Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE
- b) The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST,DBT,DAE,DOS,DRDO,MHRD,ICAR,ICMR,IIT,IISc,IISER etc.

**Eligibility Criteria for Senior Research Fellow:-**

Qualification mentioned above with two years research experience.

**Age limit:**

As per Government Rules.

**Duration:**The appointment will be till 15th June, 2020 or till the termination of the project whichever is earlier.

**Desirable qualifications:**

Preference will be given to candidates having qualification in any of the National Exams, good academic record, and research experience in the area of plant molecular biology (publications if any).

**For Details:- Dr. Siddharth Tiwari, Scientist E (Project Investigator)**

**email:- siddharth@nabi.res.in;siddharthdna@gmail.com contact no. 0172-5221138**

2. **Junior Research Fellow for “CRISPR/Cas mediated genome editing of genes for high pro-vitamin A accumulation and its stability in banana” (01 Position)**

**Emoluments:-Rs. 25000/- Per Month Plus HRA as per project.**

**Essential qualifications:**

Post Graduate Degree in Basic Science OR Graduate /Post Graduate Degree in professional course selected through a process described through any one of the following:-

- c) Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE
- d) The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST,DBT,DAE,DOS,DRDO,MHRD,ICAR,ICMR,IIT,IISc,IISER etc.

**Age limit:-**

As per Government Rules.

**Duration:** The appointment will be initially for a period of two years from the date of joining as JRF and further upgraded to SRF based on the assessment committee report. But in no case shall exceed the duration of the project i.e 22.03.2022

### **Objective of the project:-**

1. Designing an efficient CRISPR/Cas tool and protoplast transformation protocol for genome editing in banana.
2. Cloning of key targets from carotenoid pathway in CRISPR/Cas cassettes and their editing in banana genome.
3. Generation of genome edited banana lines and their analysis
4. Growth of events for maturity and fruit analysis for high pro-vitamin A content

### **For Details:- Dr. Siddharth Tiwari, Scientist E (Project Investigator)**

**email:- siddharth@nabi.res.in;siddharthdna@gmail.com contact no. 0172-5221138**

3. **Junior Research Fellow for “Genomics-guided exploration of polyketide synthases for sustainable production of long chain omega-3 fatty acid via metabolic engineering ” (01 Position)**

**Emoluments:-Rs. 31000/- Per Month Plus HRA as per project**

### **Essential qualifications:-**

Post Graduate Degree in Basic Science OR Graduate /Post Graduate Degree in professional course selected through a process described through any one of the following:-

- e) Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE
- f) The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST,DBT,DAE,DOS,DRDO,MHRD,ICAR,ICMR,IIT,IISc,IISER etc.

### **Age limit:-**

As per Government Rules.

**Duration:** The appointment will be initially for a period of two years from the date of joining as JRF and further upgraded to SRF based on the assessment committee report. But in no case shall exceed the duration of the project.

### **Objectives of the project:-**

1. Identification and selection of microbial PUFA synthase gene clusters through data mining.
2. Evaluation of microbes for omega-3 fatty acid production
3. Metabolic engineering in yeast for the production of omega-3 fatty acids.

**For Details:- Dr. Hena Dhar, Inspire Faculty(Project Investigator)**

**email:- [hena@nabi.res.in](mailto:hena@nabi.res.in) contact no. 0172-5221204**

4. **Junior Research Fellow for “Biofortified antioxidant rich colored wheat cultivation under organic and agronomic supplementation (Fe, Zn, Protein) strategies to increase farm income ” (01 Position)**

**Emoluments:-Rs. 31000/- Per Month Plus HRA as per project**

**Essential qualifications:-**

Post Graduate Degree in Basic Science OR Graduate /Post Graduate Degree in professional course selected through a process described through any one of the following:-

- g) Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE.
- h) The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST,DBT,DAE,DOS,DRDO,MHRD,ICAR,ICMR,IIT,IISc,IISER etc.

**Age limit:-**

28 Years.

**Responsibilities:**

Agronomic fortification, Biochemical analysis, Grain quality testing, Field visits, Interaction with farmers, Entrepreneurship generation.

**Duration:** The appointment will be till 07.03.2021 or till the termination of the project.

**Objectives of the project:-**

1. Assist in addressing national nutrition mission by participation of farmers, scientists and Farm producer companies.
2. Increase farmer income and create entrepreneurship

**For Details:- Dr. Monika Garg, Scientist D (Project Investigator)**

**email:- [monika@nabi.res.in](mailto:monika@nabi.res.in) contact no. 0172-5221205**

5. **Field Assistant for “Biofortified antioxidant rich colored wheat cultivation under organic and agronomic supplementation (Fe, Zn, Protein) strategies to increase farm income ” (01 Position)**

**Emoluments:-Rs. 15000/- Per Month Fixed**

**Essential qualification:** Diploma in Agriculture or Intermediate or BSc/Msc in Biological Sciences or equivalent degree.

**Age limit:-**

40 Years.

**Desired Experience:** - Field work

**Responsibilities:** - The project involves extensive field work, travelling to Moga and Ferozpur. Public awareness generation.

**For Details:- Dr. Monika Garg, Scientist D (Project Investigator)**

**email:- [monika@nabi.res.in](mailto:monika@nabi.res.in) contact no. 0172-5221205**

**Application and Selection Process:-**

All interested candidates may appear for **Walk-In Interview** at National Agri-Food Biotechnology Institute located at Knowledge City Sector-81, Mohali 140306 on **08<sup>th</sup> May, 2019 at 0900 hrs** along-with duly filled **Application form (Mandatory)** available on the website [www.nabi.res.in](http://www.nabi.res.in). The duly filled application form must be submitted at the time of registration at NABI from 0900 hrs to 1100 hrs on **above mentioned date and time**. The candidates must ascertain their eligibility before applying, as ineligible candidates will not be interviewed. All the candidates are requested to appear for the interview with full CV, thesis/project report, publications and original degree certificates and transcripts. No TA/DA will be paid for appearing in the interview. Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).

