



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

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Walk In Interview for the temporary Positions of Research Associates, Senior Research Fellow, Junior Research Fellow (Own Fellowship) Project Scientist, Project Associate-I, Project 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. Temporary Position:

Research Associate-I (NABI Core Grant)

No. of Position:-

One

Project:

Towards improving abiotic stress tolerance in crop plants.

Principal Investigator:

Prof. Ashwani Pareek, Executive Director.

Duration:

The appointment will be initially for a period of one year. Further extension from 1st Year to 2nd Year will be subject to submission of progress report submitted by selected candidate and satisfactory assessment remarks given by the reporting officer. It will not exceed beyond two years from date of joining.

Essential Qualification:

PhD/MD/MS/MDS or equivalent degree or having three years of research, teaching and design and development experience after MVSc/M.Pharma/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.

Desirable:

Working knowledge with molecular biology, especially in genome editing tools with good research publications in reputed journals. Knowledge in crop breeding tools will also be appreciated.

Emoluments:

The RA-I will be hired as per the emoluments' guidelines and service conditions notified by DST (OM No.SR/S9/Z-08/2018 dated 30.01.2019) (Rs. 47,000/month + HRA)

Age Limit:

The age limit of applicants for RA will be 40 years. (Relaxation is admissible in case of SC/ST/OBC/women/physically disabled as per government of India instructions).

2. Junior Research Fellow (Own Fellowship) (One Position)**Principle Investigator:**

Prof. Ashwani Pareek, Executive Director.

Position available:

Junior Research Fellow

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:-

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.

Scholars who have their own fellowship from funding agencies like CSIR, UGC and DBT etc

Emoluments: -

As per fellowship granting agency.

Responsibilities:

Addressing basic plant biology questions relevant to abiotic stress in crop plants. The candidate will perform the research work related to plant molecular biology and gene function validation. The selected candidate will be encouraged for Ph.D program.

Age limit:-

28 Years as on date of interview. (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instruction.

3. Temporary Position: Project Scientist

No. of Position:- One

Project:

BIRAC sponsored Banana Biofortification project entitled “Development and Transfer of Technology from Queensland University of Technology, Australia to India for Biofortification and Disease Resistance in Banana”

Principal Investigator:

Dr. Siddharth Tiwari, Scientist E

Duration:

Till Project i.e. 31.01.2024 or till the termination of project

Essential Qualification:

Doctoral Degree in Science or Master’s Degree in Engineering or Technology from a recognized University or equivalent.

Desirable:

Experience in biochemical analysis (HPLC, ICPMS, protein purification, Western blotting), molecular analysis (Southern blotting, site of integration & flanking regions) and compositional/proximate analysis for food characteristics of genetically modified plants

Practical knowledge in cell lines/animal model-based bioavailability studies

Capable to collect and analyze data related to agronomic, yield and phenotypic performance of transgenic banana lines from multi-location event selection trail sites

Relevant research publications in reputed international journals with 5 or more cumulative impact factor.

Emoluments:-

Project Scientist will be hired as per the emoluments' guidelines and service conditions notified by DST (OM No.SR/S9/Z-05/2019 dated 21.08.2019) (Rs. 56,000/month + HRA)

Upper Age Limit:-

The age limit will be 35 years. (Relaxation is admissible in case of SC/ST/OBC/women/physically disabled as per government of India instructions).

4. Temporary Position:

Project Associate-I

No. of Position:-

One

Project:

BIRAC sponsored Banana Biofortification project entitled "Development and Transfer of Technology from Queensland University of Technology, Australia to India for Biofortification and Disease Resistance in Banana"

Principal Investigator:

Dr. Siddharth Tiwari, Scientist E

Duration:

Till Project i.e. 31.01.2024 or till the termination of project

Essential Qualification:

Master's Degree in Natural or Agricultural Sciences/MVSc or Bachelor's degree in Engineering or Technology or Medicine from a recognized University or Equivalent

Desirable:

Prior theoretical/practical understanding about carotenoid biosynthesis pathway, plant tissue culture, plant genetic engineering, biochemical and molecular biology techniques would be expected from the candidate

Project Associate-I will assist in cell lines/animal model-based bioavailability studies and collection& analysis of data related to agronomic, yield and phenotypic performance of transgenic banana lines

Candidates qualify CSIR-UGC NET/MHRD-GATE/DBT-BET/ICMR-JRF/ARS-NET etc. national level exams conducted by National Agencies/Departments like ICMR, ICAR, DAE, DST, DBT shall be encouraged to apply for this position.

Emoluments:

Project Associate-I will be hired as per the emoluments' guidelines and service conditions notified by DST (OM No.SR/S9/Z-05/2019 dated 21.08.2019) (Rs. 31,000/month + HRA)

Upper Age Limit:

The age limit will be 35 years. (Relaxation is admissible in case of SC/ST/OBC/women/physically disabled as per government of India instructions).

5. Temporary Position:

Project Assistant

No. of Position:-

One

Project:

BIRAC sponsored Banana Biofortification project entitled “Development and Transfer of Technology from Queensland University of Technology, Australia to India for Biofortification and Disease Resistance in Banana”

Principal Investigator:-

Dr. Siddharth Tiwari, Scientist E

Duration:

Till Project i.e. 31.01.2024 or till the termination of project.

Essential Qualification:

B.Sc/3 years Diploma in Engineering & Technology.

Desirable:-

Prior theoretical/practical understanding about plant tissue culture and plant genetic engineering would be expected from the candidate.

Emoluments:-

Project Assistant will be hired as per the emoluments’ guidelines and service conditions notified by DST (OM No.SR/S9/Z-05/2019 dated 21.08.2019) (Rs. 20,000/month + HRA)

Upper Age Limit:

The age limit will be 50 years. (Relaxation is admissible in case of SC/ST/OBC/women/physically disabled as per government of India instructions).

6. Junior Research Fellow (Project Grant GAP-33)

(One Position)

Project Title:-

“Development of microalgae based feed supplement for enhanced bioavailability of essential micronutrients for monogastric animals”

Principal Investigator:-

Dr. Gulshan Kumar, Inspire Faculty, NABI

Duration of Project:

Till 24th October, 2022.

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:-

Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and GATE

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.

Emoluments :-

Rs. 31,000/- per month plus HRA.

Age limit:-

28 Years as on date of interview.(Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

7. Name of project: -

"Beneficial Modulation of Gut Bacteria as a Strategy for the prevention of Life Style Associated Disorders" (NABI-Core Grant)

Summary: -

There is a surge in the research on understanding the involvement of gut microbiota in causing chronic diseases. Accordingly, perturbations in the gut microbial communities is observed in many diseases like inflammatory bowel disease (IBD), obesity and irritable bowel syndrome (IBS). This hints that healthy diet modifications could beneficially modulate the microbiota and can reduce the disease risk. Our research group aims to evaluate various dietary ingredients and functional foods for their role in modification of the gut microbiota and in alleviating diseases using rodent models and high through-put "omics" platforms.

Manpower: -

Research Associate (RA-II); 01 Position

Principle Investigator: -

Dr. Kanthi Kiran Kondepudi, Scientist E.

Essential qualifications: -

PhD/MD/MS/MDS or equivalent degree in Life Sciences or having 3 years of research, teaching and design and development experience after MVSc/ M.Pharm/ME/M.Tech with at least one research paper in Science Citation Index (SCI) journal. (Eligibility criteria as DST OM No.SR/S9/Z-08/2018 dated 30.01.2019)

Desirable Experience: -

Experience in Anaerobic bacteriology, General microbiology with high experience in working with small animal models of IBD, diabetes, obesity and gut bacteria, metagenomics; gene expression analysis; Western Blotting evidenced by high quality peer reviewed publications.

Working experience for the use of HPLC, GC, PCR and RT-PCR.

Responsibilities: -

Responsible for conducting evidence based research on novel food ingredients and functional food products using animal models

Nutrigenomics and metagenomics analysis of various dietary interventions.

Development of innovative food products and their functional studies.

Emoluments:

Rs 49,000/- + 16% HRA

The RA-II will be hired as per the emoluments' guidelines and service conditions notified by DST (DST OM No.SR/S9/Z-08/2012 dated 30.01.2019)

Age Limit:

40 years for RA-II (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI instructions).

**8. "Commensal Gut Bacteria for the prevention of Life Style Associated Disorders"
(ICMR Funded Project) Project Grant GAP-42**

Summary: -

There is a surge in the research on understanding the role of commensal gut bacteria in alleviating chronic diseases such as inflammatory bowel disease (IBD), obesity and irritable bowel syndrome (IBS). Inclusion of commensal gut bacteria may reduce the disease risk. Our research group aims to evaluate various dietary ingredients and their role in modification of the gut microbiota and in alleviating diseases using rodent models and high through-put "omics" platforms.

Manpower: -

Senior Research Fellow (SRF) 01 Position

Principle Investigator: -

Dr. Kanthi Kiran Kondepudi, Scientist E.

Project Duration:-

Three Years till 31.01.2024

Essential qualifications: -

Post graduate degree in Basic Science or Graduate/Post Graduate in professional course selected through a process described through any one of the following

(a) Scholars 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.

Essential Qualification: -

Qualification prescribed for JRF with two years of research experience.

Desired Qualification: -

Experience in Anaerobic bacteriology, General microbiology with high experience in working with small animal models of diet induced obesity and gut bacteria, metagenomics; gene expression analysis.

Experience in handling animal cell lines and bioassays.

Working experience with HPLC, GC, PCR and RT-PCR etc.

Responsibilities: -

Responsible for conducting evidence based research on novel food ingredients and functional food products using animal models

Development of innovative food products and their functional studies.

Emoluments: -

Rs. 35000/- per month plus HRA as per project. (As per DST OM No. SR/s9/Z-08/2018 dated 30.01.2019)

Age Limit:

32 Years as on date of interview. (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

Application and Selection Process:-

1. All interested candidates may appear for **Walk-In-Interview** at National Agri-Food Biotechnology Institute located at Knowledge city, Sector-81, Mohali- 140306, Punjab on **26.02.2021 at 08:30 AM** along-with the duly filled application form available on the website www.nabi.res.in.
2. Incomplete application form and applications that are not in proper format may be summarily rejected.
3. The applications should be submitted strictly as per prescribed format that can be downloaded from the NABI website.
4. Candidates applying for more than one position can give their preference in the same application by ticking multiple positions. No need to submit separate application form for each position.
5. Candidates should ensure that information mentioned in application form is accurate. Once the application form is submitted no further request regarding any changes/ information in the application form will be considered.
6. The duly filled application form must be submitted at the time of registration at NABI from **08:30 AM to 09:30 AM on 26.02.2021**.
7. The candidates must ascertain their eligibility before applying, as ineligible candidates will not be interviewed.
8. All the candidates are requested to appear for the interview with full CV, thesis/project report, experience certificates, publications and original degree certificates and transcripts.
9. No TA/DA will be paid for appearing in the interview.
10. Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).
11. Those candidates, who are unable to attend the interview in person due to Covid-19, may attend the interview through online mode. Candidates can send their completely filled Application form along with Educational documents in single PDF file by **20.02.2021** to email ID recttscholarnabi@gmail.com. For any clarifications candidate may contact on 0172-5221163/0172-5221164. Link shall only be shared with those candidates whose application form will be received by **20.02.2021**.
12. **Candidates should strictly adhere with guidelines issued by World Health Organization and Centre Govt/State Govt on Covid-19.**

Manager Administration