राष्ट्रीय कृषि-खाद्य जैवप्रौद्योगिकी संस्थान

(जैव-प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार)

नॉलेज सिटी, पी.ओ. मनोली, सेक्टर-81, एस.ए.एस नगर, मोहाली, पंजाब(भारत)-140306

वेबसाइट: **www.nabi.res.in**.

**विज्ञापन संख्या. नाबी/प्रशासन/5(09)/2025-26/शैक्षणिक-01**

**परियोजना अनुसंधान वैज्ञानिक-1(01),परियोजना तकनीकी सहायक-3(01), अनुसंधान सहयोगी-1(01), कनिष्ठ अनुसंधान अध्येता(01) और परियोजना सहयोगी-1(01) के अस्थाई पद के लिए प्रत्यक्ष/ऑनलाइन साक्षात्कार**

**Walk-in/Online Interview for the Position of Project Research Scientist-I(01),** **Project Technical Assistant –III(01), Research Associate-I(01), Junior Research Fellow(01) and Project Associate-I(01).**

**राष्ट्रीय कृषि-खाद्य जैवप्रौद्योगिकी संस्थान (नाबी), भारत सरकार के जैव प्रौद्योगिकी विभाग के अंतर्गत एक स्वायत्त संस्थान है। नाबी का उद्देश्य बेहतर घरेलू पोषण सुरक्षा प्रदान करने के लिए कृषि-खाद्य जैव प्रौद्योगिकी में नवाचारों पर आधारित मूल्यवर्धित उत्पादों की ओर ले जाने के लिए ज्ञान सृजन और अनुप्रयुक्त विज्ञान का एक नोडल संगठन होने के नाते भारत के कृषि-क्षेत्र में परिवर्तन को उत्प्रेरित करना है। 2010 में स्थापना के बाद से, नाबी जैविक सुदृढ़ीकरण, बेहतर पोषण के लिए डिज़ाइनर फसलों के विकास, गुणवत्तापूर्ण भोजन और पोषण के लिए स्थायी एवं नए समाधान प्रदान करने तथा कुपोषण से लड़ने के लिए साक्ष्य-आधारित कार्यात्मक खाद्य पदार्थों का विकास के लिए अनुसंधान गतिविधियों में कार्यरत है। नाबी में खाद्य और पोषण जैव प्रौद्योगिकी अनुभाग को अस्थायी आधार पर निम्नलिखित अनुसंधान कर्मियों की आवश्यकता है।**

National Agri-Food Biotechnology Institute (NABI) is an autonomous Institute under the Department of Biotechnology, Government of India. NABI aims at catalysing the transformation of the 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 Bio-fortification, the development of designer crops for improved nutrition, providing sustainable and novel solutions for quality food and nutrition, and the development of evidence-based functional foods to counter malnutrition. The food and nutritional Biotechnology division at **NABI requires the following research personnel purely on a temporary basis.**

# Project Title:“ Deciphering the role of fibroblast growth factors dynamics in experimental models of Alzheimer’s disease.”( ICMR-Intermediate grant GAP-84)

# Principle Investigator: Dr. Mahendra Bishnoi, Scientist-FPositions: Project Research Scientist-1 (Non-medical) (One position)

# Duration: Appointment is co-terminus with the project.

**Essential Qualification:-**

(i) First class postgraduate degree in Life sciences (Biochemistry or Biotechnology) or First class M. Pharm/M. S. (Pharm.)/M. Tech (Pharm)/M. Tech in Pharmacy;

(ii) Second class M. Sc. (Life Sciences) /M. Pharm/M. S. (Pharm.)/M. Tech (Pharm)/M. Tech in Pharmacy with PhD in pharmaceutical chemistry/medicinal chemistry/life Sciences. Aforementioned qualification(s) must be from the recognized Board/ University/ Institute.

**Desirable Experience:** Experience in working with rodents especially mice (injection and surgical techniques, primary cell culture techniques, real time RT-PCR, western blotting, immunohistochemistry with strong knowledge in basic concepts of neuroscience and metabolism research. SiRNA based techniques to knock down/knock out genes in cell lines. Basic understanding of data analysis tools like Graphpad Prism and other bioinformatics tools will be plus.

**Responsibilities:** Selected candidate will work in close association with the PI on the project to understand the **role of fibroblast growth factors dynamics in experimental models of Alzheimer’s disease.** Candidate will also be responsible to manage day to day activities for the successful execution of the project, designing of the experiments, data analysis, manuscript writing and progress report preparation.

**Emoluments:** The candidate will be paid a stipend of Rs. 56,000 + 20% HRA per month for the first two years and a 5% hike in salary for the third year. **Selected candidate will have to join immediately.**

**Age limit:** 35 Years (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

**Contact Details:** Project Investigator: Dr. Mahendra Bishnoi, Scientist-F, Email:- mbishnoi@nabi.res.in Phone no. +91 172 522 1261

# Project Title: To Investigate the Role of Endocannabinoids in Gut-Brain Axis and Differential Role of Cannabinoid Receptors in the Development of Metabolic Dysfunction under the Investigator Initiated Research Proposals scheme, with Sanction No. ICMR/16/1990/SGP-2023 (ICMR-small grant GAP-69)

# Principle Investigator: Dr. Mahendra Bishnoi, Scientist-FPositions: Project Technical Assistant - III (Non-medical) (one position)

# Duration: Appointment is co-terminus with the project.

**Essential Qualification:**

1. First Class Post Graduate Degree, including the integrated PG degrees. OR
2. Second Class Post Graduate Degree, including the integrated PG degrees with PhD. OR
3. For Engineering / IT / CS – First Class Graduate Degree of Four Years.

**Desirable Experience:-**

1. Prior experience of in-vivo (mice) and in vitro (cell culture) model systems in the field of obesity, type-2 diabetes or neuroscience.
2. Knowledge Molecular biology techniques including gene expression, immunohistochemistry, immunocytochemistry etc.
3. Research experience of more than 1 year.
4. Understanding of analytical techniques such as HPLC etc.

**Responsibilities: -** The selected candidate will be involved in a project aimed at understanding the role of cannabinoid receptor system and endocannabinoids in metabolic dysfunction especially, leptin resistance. This project will use both *in-vivo* and *in-vitro* models.

**Emoluments: R**s. Rs. 28000/- per month plus HRA (As per ICMR sanction letter Sanction No. ICMR/16/1990/SGP-2023).

**Age limit:** 35 Years (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

**Contact Details:** Project Investigator: Dr. Mahendra Bishnoi, Scientist-F, Email:- mbishnoi@nabi.res.in Phone no. +91 172 522 1261

# Project Title “Investigating link between inositol phosphate pathways and iron homeostasis in hexaploid wheat” (NABI-CORE)

# Principle Investigator: Dr. Ajay Kumar Pandey, Scientist FPositions: Research Associate-I (One position)

# Duration: Two years (Till June, 2027 (Subject to evaluation at end of each year).

**Essential Qualification:-** Ph.D. /Thesis Submitted in any branch of Life Sciences or Biotechnology or in relevant field with at least two first author peer-reviewed research publications in Science Citation indexed (SCl) journals in the area directly related to the project. The applicant with thesis submission shall also be eligible for SRF and shall be appointed as RA subject to submission of the provisional PhD. degree.

**Desirable Experience:-**

Experience in the are of crop-plant molecular biology, genome editing tools and its application in crop. At least two Relevant research publications in peer-reviewed journals**.**

**Emoluments:** Rs. 58000/- per month plus HRA (As per DST OM No. DST/PCPM/Z-06/2022 dated 26.06.2023)

**Age limit:** 40 years (Relaxation is admissible in the case of SC/ST/OBC/PD and women candidates as per GOI instructions)

**Contact Details:** Dr. Ajay Kumar Pandey, Scientist F; Email:- pandeyak@nabi.res.in; Contact no. +91 172 522 1124

# Project Title:“ Dissecting wheat tissue-type specific iron homeostatic transcriptional responses mediated by basic helix loop helix protein.” (GAP-86).

# Principle Investigator: Dr. Ajay Kumar Pandey, Scientist FPositions: Junior Research Fellow (JRF) (One position)

**Duration:** The appointment will be initially for one year subject to the availability of funds by the funding agency. Further upgrades will be made on the basis of the submission of a progress report and further assessment.

**Essential Qualification:**

1. 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: -
2. Scholars who are selected through National Eligibility Tests-CSIR-UGC-NET including Lectureship (Assistant Professorship) and/or GATE.
3. The selection process through National Level examinations conducted by central government departments and their agencies and institutions such as DST, DBT, ICMR, etc.

**Desirable Experience:-**

Prior experience in crop biotechnology and bioinformatics will be preferred. Experience in CRISPR/Cas genome editing system.

**Job Profile:** The selected candidate will be involved in a project aimed at comprehending the significance of molecular determinants associated with IRO3-associated pathways focusing on Fe mobilisation in a tissue-type manner.

**Emoluments:** Rs. 37,000/- per month (As per DST PCPM/Z-06/2022 dated 26th June, 2023 plus HRA.

**Age limit:-** 28 Years (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

**Contact Details:** Dr. Ajay Kumar Pandey, Scientist F; Email:- pandeyak@nabi.res.in; Contact no. +91 172 522 1124

# Project Title:“ Dissecting wheat tissue-type specific iron homeostatic transcriptional responses mediated by basic helix loop helix protein.” (GAP-86)

# Principle Investigator: Dr. Ajay K Pandey, Scientist-FPositions: Project Associate I (01)

**Duration:** The appointment will be initially for one year. Further continuation is subject to progress assessment and availability of funds.

**Essential Qualification:**

Master’s Degree in Botany/Biotechnology/Biochemistry/Agriculture/Plant Molecular Biology/Bioinformatics or allied sciences from a recognized University or equivalent.

**Desirable Experience:** General plant molecular biology and plant tissue culture-related techniques, plant transformation.

**Emoluments:** The Project Associate I will be hired with the emoluments Rs. 25,000/- + HRA as per rules..

**Age limit:** 35 Years (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI Instructions)

**Contact Details:** Dr. Ajay Kumar Pandey, Scientist F; Email:- pandeyak@nabi.res.in; Contact no. +91 172 522 1124

**आवेदन प्रक्रिया और अन्य शर्तें**

**Application Procedure & Other Conditions**

1. सभी इच्छुक उम्मीदवार वेबसाइट www.nabi.res.in पर उपलब्ध विधिवत भरे हुए आवेदन पत्र के साथ **29-04-2025 को सुबह 09:00 बजे नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब (भारत)-40306** स्थित राष्ट्रीय कृषि-खाद्य जैव प्रौद्योगिकी संस्थान में प्रत्यक्ष साक्षात्कार के लिए उपस्थित हो सकते हैं।

All interested candidates may appear for Walk-In-Interview at **National Agri-Food Biotechnology Institute located at Knowledge city, Sector-81, Mohali, Punjab- 140306, on 29-04-2025 at 09:00 A.M.** along with the duly filled application form available on the website [**www.nabi.res.in**](http://www.nabi.res.in). (Phone No. 0172-5221245)

2. अपूर्ण आवेदन पत्र और उचित प्रारूप में न होने वाले आवेदनों को तुरंत अस्वीकार किया जा सकता है।

 Incomplete application forms and applications that are not in proper format may be summarily rejected.

3. आवेदन पत्र निर्धारित प्रारूप के अनुसार ही प्रस्तुत किए जाने चाहिए, जिसे नाबी की वेबसाइट से डाउनलोड किया जा सकता है।

The applications should be submitted strictly as per the prescribed format that can be downloaded from the NABI website.

4. एक से अधिक पदों के लिए आवेदन करने वाले उम्मीदवार एक ही आवेदन फार्म में विभिन्न पदनाम लिखकर अपनी प्राथमिकता दे सकते हैं। प्रत्येक पद के लिए अलग से आवेदन पत्र जमा करने की आवश्यकता नहीं है।

Candidates applying for more than one post can give their preference by writing different designations in the same application form.

5. उम्मीदवारों को यह सुनिश्चित करना चाहिए कि आवेदन पत्र में उल्लिखित जानकारी सही है। एक बार आवेदन पत्र जमा हो जाने के बाद आवेदन पत्र में किसी भी परिवर्तन/जानकारी के संबंध में आगे कोई अनुरोध नहीं माना जाएगा।

Candidates should ensure that information mentioned in the 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. विधिवत भरा हुआ आवेदन पत्र **29-04-2025 को प्रातः 09:00 बजे से प्रातः 10:00** बजे तक नाबी में पंजीकरण के समय जमा किया जाना चाहिए।

The duly filled application form must be submitted at the time of registration at NABI from **09:00 AM to 10:00 AM on 29-04-2025**.

7. उम्मीदवारों को आवेदन करने से पहले अपनी पात्रता सुनिश्चित करनी चाहिए, क्योंकि अयोग्य उम्मीदवारों का साक्षात्कार नहीं लिया जाएगा।

The candidates must ascertain their eligibility before applying, as ineligible candidates will not be interviewed.

8. सभी उम्मीदवारों से **आवेदन पत्र, अनुभव प्रमाण पत्र, प्रकाशन और मूल डिग्री प्रमाण पत्र और प्रतिलेख** के साथ प्रत्यक्ष साक्षात्कार के लिए उपस्थित होने का अनुरोध किया जाता है।

All the candidates are requested to appear for a Walk-In interview with an **application form, experience certificates, publications, and original degree certificates and transcripts**.

9. साक्षात्कार के समय सत्यापन के लिए **मूल मार्कशीट, प्रमाण-पत्र, पुरस्कार/फैलोशिप आदि अवश्य साथ लेकर आएँ और आवेदन पत्र के साथ दस्तावेजों की सत्यापित प्रतियों का एक सेट** संलग्न करें।

**Original mark sheets, certificates, award/fellowship, etc** must be accomplished for verification at the time of the interview, and attach **one set of attested copies of the documents** with the application form.

10. साक्षात्कार में उपस्थित होने के लिए कोई टीए/डीए नहीं दिया जाएगा।

No TA/DA will be paid for appearing in the interview.

11. किसी भी प्रकार से पक्ष की माँग करने या राजनीतिक अथवा अन्य प्रभाव डालने का परिणाम

उम्मीदवार(ओं) को अयोग्य घोषित करना होगा।

Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).

12. उम्मीदवारों को कोविड-19 पर विश्व स्वास्थ्य संगठन और केंद्र सरकार/राज्य सरकार द्वारा जारी दिशा-निर्देशों का सख्ती से पालन करना चाहिए।

Candidates should strictly adhere to guidelines issued by World Health Organization and Centre Govt/State Govt on Covid-19.

13. विशेष परिस्थितियों में, उम्मीदवार परियोजना अन्वेषक से (ईमेल के माध्यम से) ऑनलाइन साक्षात्कार करवाने का अनुरोध कर सकते हैं। ऐसे अनुरोधों को पहले से ही प्रस्तुत किया जाना चाहिए, अधिमानतः निर्धारित साक्षात्कार तिथि से कम से कम एक सप्ताह पहले। हालाँकि, अंतिम निर्णय चयन समिति द्वारा विशेष परिस्थितियों का पता लगाने और उम्मीदवार (उम्मीदवारों) को ऑनलाइन साक्षात्कार के लिए अनुमति देने पर लिया जाएगा। संस्थान ऑनलाइन/ऑफ़लाइन माध्यम से साक्षात्कार आयोजित करने का अधिकार सुरक्षित रखता है।

In the event of special circumstances, candidates may request the project investigator (via email) to conduct their interviews online. Such requests must be submitted well in advance, preferably at least one week prior to the scheduled interview date. However, the final decision will be taken by the selection committee to ascertain the special circumstances and allow the candidate (s) for an online interview. The Institute reserves the right to conduct the interview in online/offline mode.

14. साक्षात्कार के परिणाम एनएबीआई वेबसाइट पर प्रकाशित किए जाएंगे।

Interview results will be published on the NABI website.

**नोटः साक्षात्कार की तिथि से कम से कम दो सप्ताह पहले पीआई से ऑनलाइन साक्षात्कार के लिए अनुरोध किया जा सकता है तथा इसके लिए वैध कारण भी बताना होगा।**

**Note: Permission for online interview may be sought from the PI at least one week prior to the interview date and a valid reason must be given for the same.**

 

**(प्रबंधक प्रशासन)**

**(Manager Administration)**