

## ब्रिक-राष्ट्रीय कृषि-खाद्य एवं जैवविनिर्माण संस्थान

(भूतपूर्व राष्ट्रीय कृषि-खाद्य जैवप्रौद्योगिकी संस्थान तथा नवोन्मेषी एवं अनुप्रयुक्त जैव-प्रसंस्करण केंद्र)

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

नाँलेज सिटी, सेक्टर-81, मोहाली, पंजाब(भारत)-140306

विज्ञापन संख्या नाबी/प्रशासन/5(09)/2026-27/शैक्षणिक-4

Advt. No: NABI/Admin/5(09)/2026-27/Academic-4

अनुसंधान सहयोगी (02), परियोजना सहयोगी(02), कनिष्ठ अनुसंधान अध्येता (01), परियोजना सहायक(02), वरिष्ठ

अनुसंधान अध्येता (01) और खेत/प्रयोगशाला) कार्यकर्ता (01) के अस्थाई पद के लिए प्रत्यक्ष साक्षात्कार

Walk-in Interview for the temporary Position of (Research Associate) (02), Project Associate

(02) Junior Research Fellow (01), Project Assistant (02), Senior Research Fellow (01) &

Field/Lab Worker (01)

ब्रिक-राष्ट्रीय कृषि-खाद्य एवं जैवविनिर्माण संस्थान(नाबी), भारत सरकार के जैव प्रौद्योगिकी विभाग के अंतर्गत एक स्वायत्त संस्थान है। ब्रिक-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, ब्रिक-नाबी जैविक सुदृढीकरण, 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। ब्रिक-नाबी में खाद्य और पोषण जैव प्रौद्योगिकी अनुभाग को **अस्थायी आधार पर निम्नलिखित अनुसंधान कर्मियों की आवश्यकता है।**

BRIC-National Agri-Food and Biomanufacturing Institute (BRIC-NABI) is an autonomous Institute under the Department of Biotechnology, Government of India. BRIC-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, BRIC-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 **BRIC-NABI requires the following research personnel purely on a temporary basis.**

**1) Project Title: “Biomass leachate production for agricultural development” (GAP-110)**

**Principle Investigator: Dr. Sasikumar Elumalai (Scientist F), BRIC-NABI**

**Positions: Research Associate (RA-I) (One position)**

**Duration:** One Year, extendable up to six months subject to satisfactory progress & fund availability from the funding agency.

**Essential Qualification:**

PhD in Chemical Sciences (Chemistry/ Physical/ Chemistry/ Electrochemistry) / Chemical Engineering / Biochemistry / Biotechnology/ Agricultural Biotechnology from a recognized University / Institute and having at least one first-author research publication in a Science Citation Indexed (SCI) journal.

**Emoluments:** - Rs. 58,000/- per month plus HRA (As per DST OM No. DST/PCPM/Z-06/2022 dated 26.06.2023)

**Age limit:** 35 years (Relaxation is admissible in the case of SC/ST/OBC/PD and women candidates as per GOI instructions)

**Contact Details: Project Investigator:** Dr. Sasikumar Elumalai (Scientist F), BRIC- NABI, India

**Email:** [sasikumar@ciab.res.in](mailto:sasikumar@ciab.res.in)

**NOTE:** Candidates who have submitted their PhD thesis in the relevant area are also encouraged to apply. However, they will be paid SRF salary until the successful defence of the thesis.

**2) Project Title: “Functional evaluation and silencing of selected fructan content related wheat genes, and estimation of fructan prebiotic/bloating potential” (GAP-109)**

**Principle Investigator: Dr. Monika Garg (Scientist F), BRIC-NABI**

**Positions: Research Associate-3 (RA-3) (One position)**

**Duration:** One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs, and financial provisions.

**Essential Qualification:**

- Ph.D. in Molecular biology, Biotechnology, Genomics, Plant Breeding, Genetics, or Life Sciences with computational experience.

OR

- M.Tech/M.Sc. in Bioinformatics/Computational Biology/Computer Science/Statistics with three years of relevant research experience and at least one research paper in a Science Citation Indexed (SCI) journal.

- Reserved for highly experienced candidates who possess several years of productive postdoctoral research, advanced technical proficiency, or a strong track record of independent project handling beyond the basic Ph.D. requirement

**Desired Experience:** Prior research or training experience in the field of wheat, Grain quality, molecular biology, breeding, genetics and bioinformatics.

**Responsibilities:** Selected candidate will work in close association with the PI on the project to understand the Expression Profiling and Candidate Gene Selection, Protein Interaction Studies (Y2H +

Co-IP), transient Expression Studies, Gene Silencing of Fructan Biosynthesis Pathway in wheat to lower grain fructan content, In-vitro Evaluation of Wheat Fructan Extract on Flatulence and Gut Microflora in Healthy Individuals and Colitis Patients via Anaerobic Fermentation, Cell Culture Studies using Caco-2 cell lines to assess the impact of fermentation products on gut integrity, inflammation, Tight Junction etc.

**Emoluments:** - As per DBT norms Rs. 67,000/- plus HRA per month (as applicable for Research Associate III) (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: Project Investigator:** Dr. Monika Garg (Scientist F), BRIC- NABI, India

**Email:** monikagarg@nabi.res.in

### **3. Project Title: “Lignin valorization via biomaterial development, depolymerization and green technology” (GAP-27 CIAB)**

**Principle Investigator:** Dr. Jayeeta Bhaumik (Scientist-E), BRIC-NABI

**Positions:** Junior Research Fellow/Project Associate I (Two Positions)

**Duration:** One Year, extendable on annual basis for subsequent years' subject to satisfactory progress, institutional needs, and financial provisions.

**Essential Qualification:**

Master's degree from a recognized University/Institute: M.Sc. Chemistry (Organic/Physical/ Materials/ Medicinal/Pharmaceutical)/ Biotechnology/ Nanotechnology/ Microbiology /Food Technology or related field or M. Pharm / M.S. Pharm (Biotechnology/Medicinal/Pharmaceutical/Process Chemistry) or M.E. / M. Tech. (Biotechnology/Nanotechnology) and NET / GATE / any other relevant/equivalent nature of national level test qualified (for JRF).

**Work area:** Lignin valorization via biomaterial development.

**Desired Experience:** Agro waste / Biomass valorization, Process development of biomaterial.

**Emoluments:** - Rs. 37,000/- per month (for JRF) with National Eligibility Tests - CSIR-UGC NET including Lectureship (Assistant Professorship) or GATE or Rs. 30,000/- per month (for PA I) without national exams qualified Plus (HRA as admissible or Hostel facility, if available) for both options.

**Age limit:** 28 years. (Relaxation is admissible in the case of SC/ST/OBC/PD and women candidates as per GOI instructions)

**Contact Details: Project Investigator:** Dr. Jayeeta Bhaumik, Scientist- E, BRIC- NABI, India

**Email:** [jayeeta@ciab.res.in](mailto:jayeeta@ciab.res.in)

**4. Project Title: “Engineering methanol-free *Pichia pastoris* system for sustainable protein production” (GAP-97)**

**Principle Investigator: Dr. Sandeep Kumar (Scientist C), BRIC-NABI**

**Positions: Project Associate 1 (PA-1) (One position)**

**Duration:** The Project Associate I is a purely temporary assignment and is tenable for a period of 2 years or the last date of the project, whichever is earlier.

**Essential Qualification:**

Master's in Biotechnology/Microbiology/Life Science/Molecular Biology. The candidate should have qualified for any one of the national-level examinations (CSIR-UGC-NET or GATE). Additionally, candidates will be eligible for an interview if they have qualified for National Level examinations conducted by central government departments and their agencies and institutions.

**Desirable Experience:**

Experience in molecular techniques, yeast PCR, gene editing, CRISPR Cas, microbial fermentation, and protein purification.

**Job profile:**

The Project Associate I will work on strain engineering of *Pichia pastoris*, with a primary focus on developing methanol-free induction systems.

**Emoluments:** - The Project Associate I will be hired with the emoluments of Rs. 37,000/- +HRA.

**Age limit:** The age limit of applicants for Project Associate I will be 35 years as on the date of the interview. (Relaxation is admissible in case of SC/ST/OBC/women as per the government of India instructions.)

**Contact Details: Project Investigator:** Dr. Sandeep Kumar (Scientist C), BRIC- NABI, India

**Email:** kumarsandeep.sk@nabi.res.in

**5. (1) Project Title: “BIRAC sponsored Banana Bio fortification project entitled “Development and Transfer of Technology from Queensland University of Technology, Australia to India for Bio fortification and Disease Resistance in Banana” (GAP-02)**

**Principle Investigator: Dr. Siddharth Tiwari, Scientist F, BRIC-NABI**

**Positions: Project Assistant (PA) (Two positions)**

**Funding Agency:** Biotechnology Industry Research Assistance Council (BIRAC)

**Duration:** Till December 2026\* (Based on the terms and conditions of the funding agency).

**Essential Qualification:**

- B.Sc. or equivalent degree/diploma with minimum 55%.

**Desirable Experience:**

1. Knowledge/experience/understanding in plant tissue culture, molecular biology, bioinformatics and maintenance of transgenic plant materials under in-vitro and containment conditions.
2. Basic knowledge/experience in bioinformatics analysis of data and knowledge of computer such as MS Office, Excel, Power-point, Internet etc.

3. Knowledge/experience in performing various farm-related operations and field experiments.

**Job Responsibility:**

1. To assist scientists and research scholars in experiments
2. Maintenance of records of experiments, instruments and consumables
3. Any other scientific responsibilities assign by in-charge scientist

**Emoluments:** - Expected Rs. 27,000/- per month plus HRA. It can be revised (up or down) in accordance with the funding agency's terms and conditions.

**Age limit:** The age limit of applicants for Project Associate I will be 35 years as on the date of the interview. (Relaxation is admissible in case of SC/ST/OBC/women as per the government of India instructions.

**Contact Details: Project Investigator:** Dr. Siddharth Tiwari (Scientist F), BRIC- NABI, India

**Email:** siddharth@nabi.res.in

**5. (2) Project Title: “BIRAC sponsored Banana Bio fortification project entitled “Development and Transfer of Technology from Queensland University of Technology, Australia to India for Bio fortification and Disease Resistance in Banana” (GAP-02)**

**Principle Investigator:** Dr. Siddharth Tiwari, Scientist F, BRIC-NABI

**Positions:** Field/Lab worker (F/LW) (One position)

**Funding Agency:** Biotechnology Industry Research Assistance Council (BIRAC)

**Duration:** Till December 2026\* (Based on the terms and conditions of the funding agency).

**Essential Qualification:**

- B.Sc. or equivalent degree/diploma with minimum 55%.

**Desirable Experience:**

1. Experience in Lab and Field work.
2. Able to read and understand the instructions in Hindi and English languages.
3. Qualified 10th class from any board examinations in India.

**Emoluments:** - As per the sanctioned amount in the project grant. The expected minimum salary is approximately 26500/- per month (Fixed). It can be revised (up or down) in accordance with the funding agency's terms and conditions. Salary will be released upon receipt of funds from the funding agency.

**Age limit:** 50 Years.

**Contact Details: Project Investigator:** Dr. Siddharth Tiwari (Scientist F), BRIC- NABI, India

**Email:** siddharth@nabi.res.in

**5. (3) Project Title: “Molecular, biochemical characterization of nutritionally enriched genetically engineered plants and their bioinformatics-based analysis” (NABI-Core)**

**Principle Investigator:** Dr. Siddharth Tiwari, Scientist F, BRIC-NABI

**Positions:** Research Associate 1 (RA-1) (One position)

**Duration:** One Year, extendable on annual basis for subsequent years' subject to satisfactory progress, institutional needs, and financial provisions.

**Essential Qualification:**

- PhD/MD/MS/MDS or equivalent degree 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.

\* FOR RA-I Candidates who have submitted Ph.D. thesis and are waiting for viva voce may also apply (For such candidates, fellowship amount will be that of an SRF until he/she submit completion of PhD certificate.

**Desirable Experience:**

1. Experience in Plant genetic engineering, Genome editing, Molecular, Biochemical and Bioinformatics analyses of genetically engineered plants.
2. Practical knowledge of gene cloning, expression & purification of recombinant plant proteins and their bioinformatics analysis.
3. Relevant research publications in peer-reviewed journals.

**Emoluments:** - Rs. 58,000/- plus HRA per month (applicable for Research Associate I) and Rs. 42,000/- plus HRA per month (applicable for SRF) As per DST OM No. DST/PCPM/Z-06/2022 dated 26.06.2023.

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

**Contact Details: Project Investigator:** Dr. Siddharth Tiwari (Scientist F), BRIC- NABI, India

**Email:** siddharth@nabi.res.in

# आवेदन प्रक्रिया और अन्य शर्तें

## Application Procedure & Other Conditions

1. सभी इच्छुक उम्मीदवार वेबसाइट [www.nabi.res.in](http://www.nabi.res.in) पर उपलब्ध विधिवत भरे हुए आवेदन पत्र के साथ **25.06.2026 को सुबह 09:00 बजे नॉलेज सिटी, सेक्टर-81, मोहाली, पंजाब (भारत)-140306** 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 25.06.2026 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).

2. इच्छुक उम्मीदवारों को आधिकारिक वेबसाइट पर विज्ञापन के साथ संलग्न निर्धारित आवेदन पत्र का उपयोग करके ही आवेदन करना होगा। कृपया ध्यान दें कि केवल ईमेल या फोन के माध्यम से भेजे गए सीवी (CV) या रुचि की अभिव्यक्ति को स्वीकार नहीं किया जाएगा और न ही वैध आवेदन माना जाएगा।

Interested candidates must apply using the prescribed application form attached to the advertisement on the official website. Please note that CVs or expressions of interest sent via email or phone will not be accepted or treated as valid applications.

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 **25.06.2026 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 25.06.2026**.

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 आएं 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/ऑफलाइन 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.

**नोट:** यह पूरी तरह से एक ऑफलाइन/वॉक-इन इंटरव्यू है। प्रोजेक्ट या पदों से संबंधित किसी भी सवाल के लिए आप दिए गए ईमेल आईडी पर पीआई (PI) से संपर्क कर सकते हैं; हालांकि, ऑनलाइन इंटरव्यू के लिए किसी भी आवेदन या अनुरोध पर विचार नहीं किया जाएगा।"

**Note:** "Please note that this is strictly an offline/walk-in interview. For any queries related to the project or positions, you may reach out to the PI at the provided email IDs; however, no applications or requests for online interviews will be entertained."