



ब्रिक-राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान
नई दिल्ली

BRIC-NATIONAL INSTITUTE OF IMMUNOLOGY
ARUNA ASAF ALI MARG, NEW DELHI

Applications are invited for the one contractual position of Research Associate-I/II for the following time-bound sponsored project as per the details given below:

S. No	Name of the project & Duration of the Project	Post details & No. of Posts/Age Limit	Name of the Project Investigator and Email ID
1.	“Genome to Vaccine: Establishing a Immunological Database for India specific therapeutics and prevention” funded by DBT Tenable till- 08.06.2028	Research Associate-I/II Age Limit: 35 Years	Dr. Narendra Kumar Staff Scientist-IV narendra@nii.ac.in

Educational Qualifications: PhD in Bioinformatics/Computational Biology/Systems Biology Biophysics or any closely related interdisciplinary area involving computation in Life sciences.

Two year's experience in R&D in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services

Job description: The selected candidate will be responsible for the design, development, and maintenance of a large-scale computational platforms and database in immunology. The responsibilities will include development of scientific software modules for data processing, integration, analysis, and visualization; implementation of backend services and APIs using Python; and development of web-based interfaces for database access and user interaction.

Desirable Skills & Experience:

- Demonstrated experience in **scientific software development** in academic, industrial R&D, or national research laboratories.
- Strong programming expertise in **Python**; familiarity with **Node.js** or similar backend technologies is desirable.
- Experience in **web application development** using **HTML5, JavaScript, CSS, Bootstrap**, and modern frontend libraries.
- Working knowledge of **Flask, Django**, or similar web frameworks.
- Strong command of **Linux system administration**, deployment, and server-side operations.
- Experience in handling **large-scale biological datasets**, including sequence, structure, and omics data.
- Exposure to **AI/ML-ready data pipelines**, data preprocessing, and model integration is desirable.
- Understanding of **software development lifecycle**, version control (Git), and collaborative development workflows.
- Prior experience with **bioinformatics resources, structural biology data, immunology databases, or genomics platforms** will be a significant advantage.
- Strong documentation, troubleshooting, and interdisciplinary communication skills.

Emoluments: The selected candidates will draw consolidated emoluments as per Institute rules, depending upon qualification & experience, as per DST OM dated 26.06.2023:

Rs. 58,000/- to Rs. 61,000/- per month plus 27% HRA

General Terms & Conditions:

1. The candidates selected for the above posts will be on contract for one year or duration of the project whichever is shorter, at a time.
2. No hostel/ housing facility will be provided.
3. Applicants may clearly mention the category they belong to i.e. UR/SC/ST/OBC/PH and attach documentary proof of the same.
4. No TA/DA will be paid for attending the interview, if called for.
5. Apart from sending application in the prescribed format given below, candidates should send complete Curriculum Vitae along with the names of three referees. Curriculum Vitae should contain details of the experimental expertise and list of publications.
6. Canvassing in any form will be a disqualification.

HOW TO APPLY: Interested candidates may apply directly, **STRICTLY IN THE PRESCRIBED FORMAT GIVEN BELOW**, through E-mail, to the Investigator of the project, clearly indicating the name of the project along with their complete C.V., E-mail-ID, fax numbers, telephone numbers. **Only Short listed candidates will be called for interview** and they required to submit attested copies of all their certificates and a Demand Draft of Rs 100/- drawn on Canara Bank or Indian Bank payable at Delhi/New Delhi in favour of the Director, NII or can make the payment through UPI/Paytm/Phone Pe etc. **in the Bank A/c Beneficiary Name: Director, NII/Account No. 1484101001636/IFSC: CNRB0001484/)** and SC/ST/PH & Women candidates are exempted from payment of fees) subject to submission of documentary proof), at the time of interview.

LAST DATE OF RECEIPT OF APPLICATIONS: 01st January, 2026

PRESCRIBED FORMAT

1.	Full Name			
2.	Father's Name			
3.	Mother's Name			
4.	Date of Birth & Age			
5.	Gender			
6.	Category (UR/SC/ST/OBC/PH)			
7 (a)	Full Current Correspondence Address			
(b)	Permanent Address			
8.	Email Id Mobile No.			
9.	Details of Past Experience & Present Employment			
10.	Whether qualified any 'National Level Examination' (Please State)			
11.	Please State, whether holding Overseas Citizenship Card of India, (Yes/No)			
12.	Details of the Academic/Professional Qualifications:			
	Name of Examination passed	Year of passing	Board/Institution/University	Percentage and division
				Remarks

Please Note:

1. Applications containing incomplete information shall not be entertained.
2. Date of passing the examinations must be indicated clearly.