



NATIONAL INSTITUTE OF IMMUNOLOGY
ARUNA ASAF ALI MARG
NEW DELHI-110067

Applications are invited for the one position of **Project Research Scientist-I (Non-Medical) (Project)** 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 and No of Posts	Name of the Project Investigator and Email ID
1.	Project entitled “Recalibration of co-stimulatory signals using nano-scale artificial antigen-presenting cells to promote tumor-specific CD8+ T-cells activation” funded by ICMR. Tenable till – 11/02/2027	Project Research Scientist-I (Non-Medical) (Project) (One position only)	Dr. Santiswarup Singha, SS-IV santiswarup@nii.ac.in

Educational Qualifications:

- 1. Project Research Scientist-I (Non-Medical):** First-class postgraduate (M.Sc./M.Tech) degree in any area of Life Sciences/Chemical Sciences with a good academic record. M.Sc. candidates should have qualified for any National Level Eligibility test such as (NET/GATE etc) for applying for the above position. The candidates should have at least two years of research experience.

Emoluments:

- 1. Project Research Scientist-I (Non-Medical):** Rs 56000/- consolidated p.m. plus 27% HRA (As per ICMR circular # 16/29/2023-Admn/E. Office No. 157401 dated 01/08/2023)

Job description & Desired Knowledge:

Project Research Scientist-I (Non-Medical)

The Project Research Scientist-I (Non-Medical) will perform the experiments for producing peptide-major histocompatibility complex (peptide-MHC) and co-stimulatory molecules in bacterial and/or mammalian expression systems. Additionally, the Project Research Scientist-I (Non-Medical) will be involved in the chemical synthesis of nanoparticles, bioconjugation, nanoparticle characterization, and evaluating the performance of nanoparticles using *in-vitro/in-vivo* T-cells activation assay.

Preference will be given to candidates who have minimum 2 years of experience in at least any three of the following areas: (i) protein (peptide-MHC) production both in bacterial and/or mammalian systems and FPLC-based protein purification, (ii) *in-vitro* protein folding from bacteria-produced inclusion bodies (iii) animal (mice) handling (bleeding, tumor inoculation, different routes of injections) and cell culture (iv) nanoparticle synthesis, bioconjugation, and characterization.

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. Hostel/ housing facility will be provided for female candidates **subject to availability**.
3. Applicants may clearly mention the category they belong to i.e. 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. **Shortlisted candidates will be intimated by email about the date and time of Interviews. Interviews of shortlisted candidates will be held through online video conferencing tools.**
7. 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 (SC/STPH and 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:15.03.2024

PRESCRIBED FORMAT

1.	Full Name			
2.	Father's Name			
3.	Mother's Name			
4.	Date of Birth & Age			
5.	Gender			
6.	Category (SC/ ST/ OBC / PH)			
7 (a)	Full Correspondence Address			
(b)	Permanent Address			
8.	E. mail-ID, Fax, Telephone No. and Mobile No. (if any)			
9.	Details of Past Experience & Present Employment , If any			
10.	Candidates should state clearly whether they have been awarded Ph.D degree or Thesis has been submitted			
11.	Whether qualified any ' National Level Examination ' e.g. (NET/GATE), (if any)			
12	Details of the Academic 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.