



NATIONAL INSTITUTE OF IMMUNOLOGY
ARUNA ASAF ALI MARG
NEW DELHI

Applications are invited for the three positions of Senior Research Fellow (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.	"Multi-stage malaria vaccine candidates for the prevention of <i>Plasmodium falciparum</i> infection in mosquito and pre-erythrocytic development in man" funded by BIRAC. Tenable till- February 2024	Senior Research Fellow (Project) (Three positions only)	Dr. Agam Prasad Singh Staff Scientist-VI Email: singhap@nii.ac.in

Educational Qualifications:

Senior Research Fellow (Project): M.Sc or M. tech in any branch of Biology/Life Science with minimum of two years of research experience and two research publications.

The candidate should have qualified any 'National Level Examination' as per DST OM dated 30.01.2019.

Candidates with M. Pharm degree and two research publications are also eligible to apply. Hands on experience in animal handling is a must.

Job description:

SRF -1 Formulation development; generating nano and microparticles of antigens along with adjuvants. Characterization of nano/ micro particles. Mouse immunizations, testing the quality of immune response generated. Protein Expression and purification.

SRF-2 Mouse Immunization, Characterization of immune responses (quantity and quality of B and T cell responses). FACS, ELISA, ELISPOT, sporozoite neutralization assays with human and mouse antibodies. Mouse challenge with malaria parasites. Parasite load determination by qPCR.

SRF-3 Development of transgenic *Plasmodium berghei* parasites expressing *Plasmodium falciparum* genes. Phenotype analysis of transgenic parasites and growing transgenic parasites in mosquito, Sporozoite isolation from mosquito, Mouse challenge with transgenic malaria parasites. Parasite load determination by qPCR.

Emoluments: The selected candidates will draw consolidated emoluments as per DST OM dated 30.01.2019 (**As sanctioned by the funding agency**):

Senior Research Fellow: Rs. 35,000/- per month plus 24% 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. 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/ST/PH 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: 09.09.2021

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.	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. While applying online, in the Email subject line, please indicate the position you have applied for (SRF-1 or SRF-2 or SRF-3).
2. Applications containing incomplete information shall not be entertained.
3. Date of passing the examinations must be indicated clearly.