



NATIONAL INSTITUTE OF IMMUNOLOGY
ARUNA ASAF ALI MARG
NEW DELHI

Applications are invited for one position of Senior Research Fellow (P)/Junior Research Fellow (P) 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.	"Influence of Maternal One-Carbon (1C) Metabolism in Placental Function, Fetal Growth and Programming" funded DBT. Tenable till-14.03.2021	Senior Research Fellow (P)/Junior Research Fellow (P) (One position only)	Dr. Arnab Mukhopadhyay Staff Scientist-VI Molecular Aging Lab arnab@nii.ac.in

Educational Qualifications:

Senior Research Fellow (Project): M.Sc/M.Tech in Bioinformatics or any area of Life Science or MCA with good academic standing. The candidate should have qualified any 'National Level Examination' (NET) with two years research experience, as per DST OM dated 30.01.2019.

Junior Research Fellow (Project): M.Sc/M.Tech in Bioinformatics or any area of Life Science or MCA with good academic standing. The candidate should have qualified any 'National Level Examination' (NET) as per DST OM dated 30.01.2019.

Job description:

The candidates are expected to have:

- Experience in Next generation sequencing analysis of transcriptomics, ChIP-seq and small RNA-seq data.
- Ability to analyze raw primary data generated by Illumina next generation sequencing platform and create troubleshoot custom analysis pipelines.
- Ability to handle all downstream secondary and tertiary data analysis using commercially available as well as open source software (transcriptomics, ChIP-seq and small RNA-seq)
- Apart from these, the applicant should have knowledge of the following: scripting language: R, perl and/or Python.
- Operating system: Unix and Windows.
- Exposure to NGS Analysis tools like: Maq, BWA, Bowtie, SAM tools, BEDTools, MACS, Galaxy, FastQT, Tophat Cufflinks, AvadisNGS, CLC Genomics Workbench, Galaxy, BaseSpace, Trinity, understanding of Statistics using: Microsoft Excel and R.
- Genome Browser: UCSC, Ensemble, IGV, IGB
- Ability to use Motif Analysis Tools like: MEME Suite, Transfac and RSAT Functional Annotation Tools: DAVID, GeneCodis, Gene Cards.

Emoluments:

Senior Research Fellow (Project): Rs. 35,000/- per month plus 24% HRA as per DST OM dated 30.01.2019.

Junior Research Fellow (Project): Rs.31,000/- per month plus 24% HRA as per DST OM dated 30.01.2019.

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. 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: 15.01.2020

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:																									
	<table border="1"><thead><tr><th>Name of examination passed</th><th>Year of passing</th><th>Board/Institution/University</th><th>Percentage and division</th><th>Remarks</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name of examination passed	Year of passing	Board/Institution/University	Percentage and division	Remarks																				
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Please Note:

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