

ADVERTISEMENT OF WALK-IN-INTERVIEW

NAME OF THE POST : Bioinformatician(Part time 3 days in a week)

DURATION : One Year

EDUCATIONAL QUALIFICATIONS : At least a Master Degree in Bioinformatics and Bachelors degree in any stream of life Sciences.

REQUIREMENTS

- 1) Around 5 years of experience and proven track record in bioinformatic analysis (supported by publications in peer-reviewed journals), ability to analyze transcriptomics,ChIP-seq. and small RNA-seq data
- 2) Should have the ability to analyze raw primary data generated by Illumina Next generation sequencing platform and create/troubleshoot custom analysis Pipelines
- 3) Should have ability to handle all downstream secondary and tertiary data analysis using commercially available as well as open source softwares (transcriptomics, ChIP-seq, small RNA-seq)
- 4) Apart from these, the applicant should have knowledge of the following :

Scripting language:r, Perl and Python

Operating system: Unix,Linux and Windows

Machine learning, Regression analysis

NGS Analysis tools: Maq,BWA,Bowtie,SAM tools,

BEDtools, MACs, Galaxy, FastQC, Tophat, cufflinks,

AvadisNGS,CLC Genomics Workbench, Galaxy,

BaseSpace, Trinity

Statistics:Microsoft Excel and R

Database:MySQL

Genome Browser: UCSC, Ensemble, IGV, IGB

Motif Analysis Tools : MEME Suite, Transfac and RSAT

Functional Annotation tools: DAVID, TeneCodis, Gene Cards,

Networking Tools ; Cytoscape

EMOLUMENTS

The incumbent will be paid a fee of Rs.2000/- per sitting/per day.

SCIENTIST NAME

Dr. Arnab Mukhopadhyay, Staff Scientist V, Next Generation Sequencing Facility.

SCIENTIST'S E-MAIL ID

arnab@nii.ac.in

WALK IUN INTERVIEW ON : 23.2.2017

REGISTRATION OF CANDIDATES 10.30 AM TO 11.00 AM

Please note :

1. Candidate may fill up application in the prescribed format alongwith necessary documents for verification.
2. Applications containing incomplete information shall not be Entertained.
3. Date of passing the examinations must be indicated clearly.
4. Only registered candidates will be interviewed.
5. No TA/DA will be paid for attending the interview.

PRESCRIBED FORM

1. NAME
2. FATHER'S NAME
3. MOTHER'S NAME
4. DATE OF BIRTH
5. EX(MALE/FEMALE)
6. CATEGORY (SC/ST/OBC/PH)
7. ADDRESS
 - a) (CORRESPONDENCE)
 - b) (PERMANENT)
8. E MAIL, TELEPHONE NO. & MOBILE NO.(IF ANY)
9. ACADEMIC & PROFESSIONAL QUALIFICATIONS

NAME OF EXMINATION PASSED WITH SUBJECTS	YEAR OF PASSING	BOARD/ UNIVERSITY	PERCENTAGE DIVISION	REMARKS

10. PAST EXPERIENCE & PRESENT EMPLOYMENT, IF ANY

11. CANDIDATES SHOULD STATE CLEARLY WHETHER THEY HAVE BEEN AWARDED PH.D DEGREE OR THESIS HAS BEEN SUBMITTED.

12. HAVE YOU APPLIED FOR A POSITION EARLIER IN THE INSTITUTE? IF SO:-
 (I) THE DETAILS OF THE PROJECT AND PROJECT INVESTIGATOR
 (II) OF CALLED FOR INTERRVIEW, RESULTS THEREOF.