



## INSTITUTE OF LIFE SCIENCES

(An Autonomous Institute under the Dept. of Biotechnology, Ministry of  
Science & Technology, Govt. of India)  
NALCO Square, Bhubaneswar 751023, India

**Advt. No. 10/2019**

**Date: 31.07.2019**

Institute of Life Sciences (ILS), Bhubaneswar, an autonomous institute of the Department of Biotechnology, Ministry of Science & Technology, Government of India invites applications from eligible Indian Nationals for the following positions.

<b>Recruitment through Screening of applications</b>			
Sl. No.	Name of the Post	No. of Vacancies	Last date of receipt of application
1	Senior Research Fellow- Chromatin & Epigenetics	01	19.08.2019
2	Senior Research Fellow- Human/Medical Genetics	01	19.08.2019
3	Research Associate-Chronic Myeloid Leukemia	01	19.08.2019
4	Research Associate- Bioinformatics/NGS analysis	01	19.08.2019
5	Junior Research Fellow- Plant Molecular Biology	01	19.08.2019
6	Research Assistant	02	19.08.2019
7	Project Assistant	01	19.08.2019
8	Computer Technician	01	19.08.2019

<b>Recruitment through Walk-in Interview</b>			
Sl. No.	Name of the Post	No. of Vacancies	Date of Interview
9	Research Associate-Virology	01	14.08.2019
10	Laboratory Technician	01	13.08.2019

### **Position: 1 Senior Research Fellow- Chromatin & Epigenetics**

**Project Title:** Auxiliary subunits of human SWI/SNF complex in normal myelopoiesis and leukemia

**Fellowship:** Rs.35,000/- per month+ @ 16% HRA

**Eligibility Criteria:** Candidates should have passed their M.Sc. /M.Tech. / M. Pharm. / M.V.Sc. or equivalent qualification in Life Sciences or allied subjects (Biochemistry/ Biotechnology/ Bioinformatics/ Microbiology etc.) with minimum of 60% marks (or equivalent grade point) and at least two years of research experience. For non-NET/GATE candidates, guidelines stipulated by DST will be applicable.

**Desirable Qualification:** Candidates with expertise in programming, knowledge of 'R' (Bioconductor), statistics, knowledge/hands on experience in handling next-generation sequencing data and training in molecule art biology would be preferred.

**Age Limit:** The upper age limit of the candidate should be below 32 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

### **Position: 2 Senior Research Fellow- Senior Research Fellow- Human/Medical Genetics**

**Project Title:** Identification of major genetic and epigenetic components in the otosclerosis

**Fellowship:** Rs.35,000/- per month+ @ 16% HRA

**Eligibility Criteria:** Essential qualifications are as stipulated by DST-SERB for a Senior Research Fellow. Candidates must hold a post graduate degree with first class in biological sciences or allied subjects and at least two years of research experience. Candidates with publication and experience in molecular genetics will be preferred. For non-NET/GATE candidates, guidelines stipulated by DST will be applicable.

**Age Limit:** The upper age limit of the candidate should be below 32 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

### **Position: 3 Research Associate- Chronic Myeloid Leukemia**

Fellowship: Rs.47,000/- per month+ @ 16% HRA

Eligibility Criteria: Ph.D. in any branch of Biological Sciences with at least one first author paper. Candidates who have worked in cancer biology including haematological malignancies or/and accustomed with small animal experiments, as evidenced from their publication(s) will be given priority. Candidates who have submitted Ph.D. thesis and are waiting for viva voce may also apply. For such candidates, fellowship amount will be that of an SRF until he/she defends Ph.D. thesis. One page write-up of the thesis work and a copy of your CV (with two referees) must be provided along with the application.

For more information regarding the laboratory, please visit [https://www.ils.res.in/staff-profile/?title=Dr.Soumen Chakraborty](https://www.ils.res.in/staff-profile/?title=Dr.Soumen%20Chakraborty) and/or personally contact Dr. Soumen Chakraborty.

Age Limit: The upper age limit of the candidate should be below 35 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

### **Position: 4 Research Associate- Bioinformatics/NGS analysis**

Project Title: Analysis of the impact of mRNA-mRNA/circRNA interactions in pancreatic  $\beta$ -cell physiology”

Fellowship: Rs.47,000/- + @ 16% HRA per month

Eligibility Criteria: Ph. D. in Bioinformatics/Biotechnology/Life Sciences/related area. Candidates who have submitted Ph.D. thesis and are waiting for viva voce may also apply (For such candidates, fellowship amount will be that of an SRF until he/she defends Ph.D. thesis). Candidate should be well versed with next-generation sequencing (NGS) data analysis and/or molecular modeling as evidenced by peer-reviewed publications. Knowledge of R and/or Python, and C++, IT experience including server maintenance will be given preference.

### **Position: 5 Junior Research Fellow- Plant Molecular Biology**

Project Title: Development of seedless Bhimkol (*Musa balbisiana*, BB gemone) through CRISPR/Cas9 and mutational approaches

Fellowship: Rs.31,000/- per month+ @ 16% HRA

Eligibility Criteria: Masters in Botany, Life Sciences or allied branches and having secured 60% aggregate marks (50% for OBC/ST/SC) are eligible to apply. Preference will be given to candidates having NET-JRF/NET-LS/GATE qualification with research experience in cloning and plant tissue culture. For non-NET/GATE candidates, guidelines stipulated by DST will be applicable

Age Limit: The upper age limit of the candidate should be below 28 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

### **Position: 6 Research Assistant**

Project Title: Translational Research Consortia TRC for Chikungunya virus.

Fellowship: Rs. 35,000/- (Consolidated) with 10% annual increment

Eligibility Criteria: Masters in life sciences and allied branches and having secured 60% aggregate marks (50% for OBC/ST/SC) are eligible to apply. Preference will be given to candidates having NET-JRF/NET-LS/GATE qualification with research experience in molecular biology, cell biology and biochemistry.

Age Limit: The upper age limit of the candidate should be below 28 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

### **Position: 7 Project Assistant**

Project Title: Studies on In vitro and in Vivo Interaction between Arabidopsis Transcription Factors TGA and WRKY leading to Salicylic acid-mediated gene activation in Cestrum Yellow leaf curling virus (CmYLCV) Promoter.

Fellowship: Rs.15,000/- (Consolidated)

Eligibility Criteria: Masters in Botany, Life Sciences or allied branches are eligible to appear in the interview. Research experience in molecular biology, cell biology and biochemistry will be preferred.

Age Limit: The upper age limit of the candidate should be below 28 years as on last date of application. Age relaxation will be given to the candidates as per Govt. of India rules.

**Position: 8 Computer Technician**

Salary: Rs.25,000/- (Consolidated)

Eligibility Criteria: a) Graduation with Post Graduate Diploma in Hardware with 02 years of experience **OR** b) Diploma in Electronics/ Computer Science with 03 years of experience.

Desirable Skills: Proven experience as a network technician in a relevant position. Good diagnostic, problem solving and communication skills. Good knowledge of LAN/WAN networks, TCP/IP protocols and network technologies. Hands on experience with common hardware and firewall etc.

Nature of Job: Maintenance of computers and Network (LAN), connections and cabling, Troubleshooting of system failures, Installations of OS/software on machine, Maintenance of hardware and peripheral devices and maintenance of regular data backups.

**Position: 9 Research Associate- Virology**

Project Title: Translational Research Consortia TRC for Chikungunya virus.

Fellowship: Rs.47,000/- + @ 16% HRA per month

Eligibility Criteria: Ph. D. in Biotechnology/Life Sciences or allied subjects. The ideal candidate has to be competent in viral infection, animal handling, cell culture, Flow Cytometric Analysis, Viral plaque assay, RT-PCR etc. A decent publication record from Ph.D. work is also expected. Candidates who have submitted Ph.D. thesis and are waiting for viva voce may also apply.

**Position: 10 Laboratory Technician**

Project Title: Global Profiling and significance of alternative splicing events regulated by Polypyrimidine tract binding protein 2 (PTBP 2) in the advanced stages of chronic myeloid leukemia.

Fellowship: Rs.18,000/- (Consolidated)

Eligibility Criteria: Candidates with the following qualifications are only eligible to attend the interview.

1. B.Sc. (with two years of experience in any biology laboratory after obtaining the degree) or M.Sc./integrated M.Sc.
2. Candidates must know how to run a PCR or have worked on blood samples.

Age Limit: The upper age limit of the candidate should be below 28 years as on date of interview. Age relaxation will be given to the candidates as per Govt. of India rules.

**For position 1-8:**

**Selection will be carried out through application screening, followed by an interview process.**

Interested/eligible candidates may download application form from the institute website ([www.ils.res.in](http://www.ils.res.in)) and apply along with self-attested copies of mark sheets and certificates, as well as copies of publications to the “**Director, Institute of Life Sciences, Nalco Square, Bhubaneswar-751023.**” Super-scribe the envelope with “**Position No..... and Application for the position of .....**”

**N.B.:** The list of shortlisted candidates name will be published in ILS website in the last week of August.

**For position 9&10:**

Interested / Eligible candidates may download application form from the institute website ([www.ils.res.in](http://www.ils.res.in)) and attend the interview with duly filled application form along with attested copies of mark sheets and certificates, age proof, caste certificate (if any) and the experience certificate. Incomplete applications and applications without the above mentioned documents will be rejected.

For all the positions initial appointment will be for one year which will be extended upon satisfactory performances. All the positions are purely temporary and coterminous with the project. No TA/DA will be paid for attending the interview. The decision of the Director regarding selection of candidates will be final and no further correspondence will be entertained in this regard.

*Note: All communication will be through e-mail. No separate call letter will be issued to the candidates.*

**Administrative Officer**