



## 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. 11/2019**

**Date: 19.09.2019**

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.

Recruitment through Screening of applications			
Sl. No.	Name of the Post	No. of Vacancies	Last date of receipt of application
1	Senior Research Fellow- Chromatin & Epigenetics	01	15.10.2019
2	Research Associate- Bioinformatics/NGS analysis	01	09.10.2019

Recruitment through Walk-in-Interview			
Sl. No.	Name of the Post	No. of Vacancies	Date/ Time of Interview
3	Project Associate-II/ Senior Resarch Fellow	03	27.09.2019; 9.30 AM
4	Project Assistant- Cancer Biology	01	30.09.2019; 9.30 AM
5	Project Associate-I- Bioinformatics	01	30.09.2019; 9.30 AM
6	Junior Research Fellow	01	30.09.2019; 9.30 AM
7	Research Associate	01	27.09.2019; 9.30 AM

### **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 a 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 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: 3 Project Associate-II/ Senior Research Fellow:**

Project Title: Tribal Health and Nutrition: A research initiative to uplift health and well-being of Tribal communities of Odisha.

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

Eligibility Criteria: 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 Microbiology/ Biochemistry/ Immunology/ Molecular Biology/Plant Biotechnology will be preferred.

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

**Position: 4 Project Assistant- Cancer Biology**

Project Title: Identification of novel kinase(s) that mediate docetaxel/5-Fu resistance in OSCC using high through put kinome screening.

Fellowship: Rs.31,000/- per month (consolidated)

Eligibility Criteria: 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 Microbiology/ Biochemistry/ Immunology/ Molecular Biology will be preferred.

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

**Position 5: Project Associate-I- Bioinformatics**

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

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

Eligibility Criteria: Masters in Bioinformatics, Computational biology, Biotechnology or allied branches and having secured 60% aggregate marks (50% for OBC/ST/SC) are eligible to apply. Candidate must have NGS data analysis experience along with knowledge of Linux programming, python, perl, R, and C++, etc. Preference will be given to candidates having qualified national level exam such as NET/GATE/GPAT/BET.

For more information regarding the laboratory, please visit <https://pandarnalab.wixsite.com/rnabiology>

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 6: Junior Research Fellow**

Project Title: Role of Subcellular Localization of Circular RNAs in Muscle Cell Differentiation

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

Eligibility Criteria: Masters in Biotechnology, Zoology, 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 molecular biology. For non-NET/GATE candidates, guidelines stipulated by DST will be applicable.

For more information regarding the laboratory, please visit <https://pandarnalab.wixsite.com/rnabiology>

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 Research Associate**

Project Title: Tribal Health and Nutrition: A research initiative to uplift health and well-being of Tribal communities of Odisha.

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

Eligibility Criteria: Ph. D. in 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 have expertise in the area of Microbiology/ Biochemistry/ Cell biology. Preference will be given to candidates having prior experience of microbial culture and characterization.

**For position 1-2:**

**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 first week of October.**

**For position 3-7:**

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.

**Venue of Interview: Institute of Life Sciences (ILS), Nalco Square, Bhubaneswar**

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**