

**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.: 24/2022

Date: 19.05.2022

Institute of Life Sciences (ILS), Bhubaneswar, an autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Government of India, invites ONLINE applications from Indian nationals for **25 Junior Research Fellows** leading to **Ph.D. program**.

The name of the faculties who are interested in taking students through regular Ph.D. program of ILS are listed below with their research interest. The applicants are advised to visit the ILS webpage for detailed information regarding the research activities of the respective faculties.

Name of PI	Area of Research
Dr. Amaresh Panda	Functions of circular RNAs in pancreatic beta-cells
Dr. Amol R. Suryawanshi	Understanding cancer and viral disease biology through clinical proteomics
Dr. Anshuman Dixit	Development of molecularly targeted therapies for oral cancer
Dr. Gulam H Syed	Virus-Host interactions: Delineate the molecular mechanisms that drive viral processes and disease pathogenesis
Dr. Mamoni Dash	Functional polymers for tissue engineering
Dr. Narottam Acharya	DNA polymerase function and diseases; Antifungal drugs screening and vaccine development
Dr. Punit Prasad	Epigenetic mechanisms regulating normal myelopoiesis and leukemia
Dr. PV Ramchander	Understanding the molecular basis of human genetic diseases
Dr. Rajeeb Swain	Zebrafish models of rare genetic disorders
Dr. Rupesh Dash	Understanding the molecular mechanism of drug resistance in oral cancer
Dr. Sandip K Mishra	Role of Estrogen related receptor beta in breast cancer
Dr. Shantibhusan Senapati	Modulation of tumor microenvironment for pancreatic cancer therapy
Dr. Soumen Chakraborty	Identification and characterization of the regulators involved in the disease progression of CML/AML
Dr. Sunil Kumar Raghav	Immunogenomics & Systems Biology: Immune-modulation of dendritic cell responses for perturbing T cell function
Dr. Tushar Kant Beuria	Bacterial division and antibacterial resistance
Dr. V. Arun Nagaraj	Host immune evasion in Plasmodium, vector-pathogen interactions and disease pathogenesis

**Essential Qualification:**

1. Candidates should have passed their M.Sc. / M.Tech. / M.Pharm./ M.V.Sc. or equivalent qualification in Life Sciences and allied subjects (Biochemistry/ Biotechnology/ Bioinformatics/ Biophysics/ Chemistry/ Microbiology, etc.) with minimum of 55% marks (50% for SC/ST/OBC/EWS & PWD) (or equivalent grade point). Candidates awaiting final results may also apply, however, if shortlisted, they have to produce their final mark sheet on the date of the interview, failing which they will not be interviewed.
2. Candidates should have qualified in CSIR/UGC-JRF or DBT-JRF or DBT-BINC-JRF or UGC-RGNF or ICMR-JRF or DST-INSPIRE. or GATE or GPAT. If the original certificate is not available, the candidate has to provide a photocopy of the original admit card and the particular result page highlighting their roll number, along with the application. Candidates with score sheet can also apply, however, they have to submit their certificate at the time of interview, if shortlisted.
3. The candidate should be below 28 years in age, as on 20<sup>th</sup> June, 2022. Relaxation in age as per Govt. of India guidelines. Reservations will also be followed as per Govt. of India rules.

**Contd. in next page.....**

**Application Fees:**

Applicants except SC/ST/ PWD are required to pay a **non-refundable amount of Rs.500/-**. Candidates have to pay the application fee through online mode only by using the link provided in the online application form.

**Fellowship:**

The fellowship and other emoluments will be as per the guidelines of the funding agencies - DST/DBT/CSIR/ICMR and as revised from time to time.

**Candidates are requested to submit the online application only. Submission of offline application is not required.**

**To and fro bus/rail fare by the shortest route limited to sleeper class will be paid to all the candidates appearing for the interview.**

**List of candidates selected for the interview will be published on the Institute website ([www.ils.res.in](http://www.ils.res.in)).**

**Important dates:**

- Last date of receiving applications: **20<sup>th</sup> June, 2022.**
- Date of display of short-listed candidates and instructions on the Institute website: **24<sup>th</sup> June, 2022.**
- Tentative date of interview: **2<sup>nd</sup> week of Jul, 2022.** The final date of interview will be confirmed when the list of short-listed candidates is displayed on the ILS website.

**Administrative Officer**