

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. 16/2016

Date: 20.10.2016.

Institute of Life Sciences (ILS), Bhubaneswar, an autonomous Institute of the Department of Biotechnology, Ministry of Science & Technology, Government of India engaged in advanced research invites applications from Indian nationals for the Ph.D. programme in the following areas,

Sl. No.	Research Area	Principal Investigator
1	Molecular aspects of grain filling in rice	Dr. B.P. Shaw
2	Microbial genomics, gene function and regulation	Dr. S. K. Das
3	Leukemia and leukemic stem cells	Dr. S. Chakraborty
4	Nanomedical approach against cancer stem cells	Dr. S.K. Sahoo
5	Targeting DNA polymerase against candida infection	Dr. N. Acharya
6	T cell plasticity and Immune response	Dr. S. Devadas
7	Genetics and molecular analysis of inherited disorders	Dr. P.V. Ramchander
8	Studies to regulate chikungunya virus infection	Dr. S. Chattopadhyay
9	Structural biology - protein crystallography	Dr. D. Vasudevan
10	Development of vertebrate hematopoietic system	Dr. R. K. Swain
11	The tumor microenvironment in prostate and pancreatic cancer	Dr. S. Senapati
12	Vascular immunology: inflammation and cancer	Dr. V. Rai
13	Understanding and targeting cell division in bacteria	Dr. T. K. Beuria
14	Immuno-genomics of dendritic cells in cancer & inflammation	Dr. S. K. Raghav
15	Role of autophagy in infection, inflammation, and cancer	Dr. S. Chauhan
16	Virus-host interaction and disease pathogenesis	Dr. G. H. Syed
17	Plasmodium biology, malaria transmission and disease virulence	Dr. V. A. Nagaraj
18	Chromatin remodelers and epigenetic factors in human hematopoiesis	Dr. P. Prasad
19	Clinical proteomics & metabolomics	Dr. A. Suryawanshi

Candidates are strongly encouraged to visit ILS webpage for detailed information, regarding the research activities of the above mentioned scientists.

Essential Qualification:

- Candidates should have passed their M.Sc. (any branch of science)/M. Tech/M. Pharm/M.V.Sc. or equivalent qualification with minimum 60% marks (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.
- Candidates should have qualified in CSIR/UGC-JRF or CSIR/UGC-lectureship or UGC-RGNF or ICMR-JRF or DBT-JRF or DST-INSPIRE or GATE (30% or above), GPAT (30% or above) or ICAR-NET. They should have qualified in any one of these examinations conducted not earlier than Dec, 2015. 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.

The upper age limit of the candidate should be below 28 years, as of 30th Nov, 2016. Age relaxation will be given for five years in case of candidates belonging to SC/ST/women/PH and three years in case of OBC (as approved by Govt. of India) candidates.

Accommodation will be provided to all the short-listed candidates appearing for the interview, free of cost, from 3rd Jan to 6th Jan, 2017 (three nights only).

If selected in the final interview, candidate having a national fellowship need to activate the fellowship as per the norms of the agency. Institute of Life Sciences will provide an equivalent fellowship to all other selected candidates not having the national fellowship. Depending on the vacancy the Ph.D. students will be provided hostel facility in first come first serve basis.

Interview will be conducted in two tiers/rounds. Candidates have to come to the Institute for two consecutive days only.

To and fro bus/rail fare by the shortest route limited to second sleeper class will be paid to all the candidates selected for the 2nd round of interview.

Interested and eligible candidates may fill-up the prescribed application form as available in ILS website (www.ils.res.in). Duly filled-up application along with self-attested copies of all relevant certificates and demand draft should be send to the **Director, Institute of Life Sciences, Nalco Square, Bhubaneswar-751023**. All application should reach the Institute on or before the last date. Applications received after the last date will not be accepted. The envelope should be superscribed with "Application for Ph.D. Programme".

Short-listed candidates selected for the interview will be published in the Institute website (www.ils.res.in).

Application Fees: Applicants except SC/ST candidates are required to send a non-refundable D.D. for Rs.500/- in favour of "Director, Institute of Life Sciences, Bhubaneswar" payable at Bhubaneswar along with duly filled-in application form by the date mentioned below.

Director, ILS reserves the right to withdraw the procedure without assigning any reasons thereof.

Important dates:

- Last date of receiving applications: **21st Nov, 2016.**
- Date of display of short-listed candidates and instructions in the Institute website: **30th Nov, 2016.**
- Date of interview: The interview will start from **4th Jan, 2017** and a two tier interview process will be followed. Candidates qualifying the first round of interview on 4th Jan, 2017 have to come to the Institute for the final interview on 5th Jan, 2017.

Administrative Officer