



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIRRH
NATIONAL INSTITUTE FOR RESEARCH
IN REPRODUCTIVE HEALTH

ICMR-National Institute for Research in Reproductive Health,
Jehangir Merwanji Street, Parel, Mumbai - 400 012

Training Course (2020) on
**“Technologies in Biomedical Research :
Concepts, Applications and Challenges”**



सत्यमेव जयते

Sponsored by
Department of Health Research (DHR)
Ministry of Health & Family Welfare
Government of India

4th May - 29th May, 2020

Health Research Scheme of DHR

The scheme is intended to create a pool of talented health research personnel in the country by upgrading skills of faculty of medical colleges, mid-career scientists, medical students and others by imparting specialized training in priority areas of health research. Another important goal of this program is to encourage and support the trainees to develop and take up research projects for addressing critical national and local health problems.

About ICMR-NIRRH

National Institute for Research in Reproductive Health (ICMR-NIRRH) located at Parel, Mumbai is a premier ICMR Institute which conducts basic, clinical, operational and socio-behavioral research on different aspects of reproductive health. Fertility regulation, infertility management, RTI/STIs and HIV, maternal and child health are the major thrust areas. The Institute has a state of the art Biomedical Informatics Centre which undertakes computational studies in the realm of reproductive health. The institute also has Preclinical Genetic and Reproductive Toxicology and Genetic Research Centres.

About the Course

The course aims at imparting conceptual knowledge of technologies for biomedical research. This 4 week course will cover lectures, demonstrations and hands on training of basic and modern molecular biology techniques and their applications. Participants will be introduced to techniques such as PCR, RFLP, Real Time PCR, FISH, ELISA, Western Blotting, Flow Cytometry, Confocal Microscopy and DNA Sequencing. The course will also cover a module on computational biology as well as biostatistics. Participants will be oriented towards the applications and challenges of implementing these concepts and technologies for conducting biomedical research to bridge the gap between bench and bedside.

Registration Details

A maximum of sixteen participants will be enrolled for the course.

- Submit your application online in the prescribed format at www.nirrh.res.in on or before **16th March 2020**
- A list of selected candidates will be displayed at www.nirrh.res.in by **31st March 2020**.
- Selected candidates will have to confirm their participation by **16th April 2020** through submission of a cheque for **Rs. 2000/-** (refundable after successful completion of course) drawn in favour of **“The Director, NIRRH, Mumbai”**.
- The training course is free of charge.
- Outstation participants may be provided lodging facility on request at nominal charges. Travel and food will have to be arranged by the candidates.
- Please contact strubio@nirrh.res.in for further details.

Who Can Apply

- Candidates with MBBS/MD or PhD (in any area of life sciences) are eligible to apply.
- Faculty members from Medical Colleges/Model Rural Health Research Units (MRHRUs) and Multidisciplinary Research Units (MRUs) of DHR/Research Institutes from North-East and Semi-urban/Rural regions of India are encouraged to apply.
- Candidates in service should forward their application through proper channel. Such applications will be considered complete only if a “No Objection Certificate” from the head of the Institution is uploaded.

[Click for Online Registration](#)