



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH

**NIRRH**  
NATIONAL INSTITUTE FOR RESEARCH  
IN REPRODUCTIVE HEALTH

## Training Course (2019) on “Molecular Diagnostics & Disease Informatics in Health Care”

at

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

Sponsored by

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



सत्यमेव जयते

6<sup>th</sup> May – 31<sup>st</sup> May, 2019

### 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. The 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 the Course

The post-genomic era has witnessed the generation of “big data” pertaining to health and disease; and also the integration of informatics based technologies into healthcare. This has created enormous opportunities for maximizing the utility of research and clinical data for multidimensional disease management. The major goal of this 4-week course is to acquaint participants with computational tools for informatics based approaches in modern medicine. The course also aims to provide participants hands-on training in molecular biology techniques (PCR, RFLP, DNA sequencing, real time PCR, Western blotting, ELISA, Flow Cytometry, etc.) for diagnosis and prognosis of various diseases. The participants will also be introduced to research and statistical methodologies. A major highlight of the training program will be interactive sessions with subject experts. The course coordinator is Dr. Smita D. Mahale, Director, NIRRH.

### About NIRRH

National Institute for Research in Reproductive Health (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.

### 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](http://www.nirrh.res.in) on or before **15<sup>th</sup> March 2019**
- A list of selected candidates will be displayed at [www.nirrh.res.in](http://www.nirrh.res.in) by **30<sup>th</sup> March 2019**.
- Selected candidates will have to confirm their participation by **15<sup>th</sup> April 2019** 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](mailto: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)/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](#)