



## Training Course on

# “Harnessing the Power of Immunology in Medicine: Tools, Translation and Therapy”

*Conducted by*

**ICMR-National Institute for Research in Reproductive and Child Health (NIRRCH),  
Indian Council of Medical Research  
Jehangir Merwanji Street, Parel, Mumbai - 400 012**

*Sponsored by*

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

**15<sup>th</sup> May – 9<sup>th</sup> June 2023**

## 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. The goal of this program is to encourage and support the trainees to develop and take up research projects for addressing health problems of national relevance.

## About ICMR-NIRRCH

NIRRCH is a premier ICMR Institute which conducts basic, clinical, operational and implementation research in women's health, maternal and child health, female and male infertility, genetic disorders and infectious diseases. The Institute houses excellent infrastructure for conducting fundamental and applied research. It also offers clinical services for family welfare, infertility, child health, women's health and bone health.

## About the course

The course aims at imparting conceptual and technical know-how related to current paradigms and tools employed in Immunodiagnosics and Immunotherapeutics. Theoretical and practical training on various tools available for Immunodiagnosis such as ELISA, CLIA and Flow cytometry used in clinical practice and biomedical research will be provided. The participants will also be oriented towards 'State-of-the-art' applications in Immunotherapeutics for disease management such as Monoclonal Antibodies and Cellular therapies including CAR T-cells. This 4-week course will cover lectures, lab tutorials and interactive sessions with industry and academic experts. Participants will be given hands on training for ELISA, Immunophenotyping, FACS sorting and demonstration of Single Cell Omics. The course also comprises a module on Research Methodology. The participants will be exposed to statistical analysis tools and training in developing research proposals and grant writing. This course is coordinated by Dr. Geetanjali Sachdeva, Director, NIRRCH and convened by Dr. Vainav Patel and Dr. Vikrant Bhor.

## Who can apply

- Faculty of medical colleges, Model Rural Health Research Units (MRHRUs), Multidisciplinary Research Units (MRUs) and research institutes/universities with MBBS/MD/PhD degree.
- Candidates from North-East and semi-urban/rural regions of India are encouraged to apply.
- Candidates in service should forward their application through proper channel with a “No Objection Certificate” from the head of the Institution.

## Registration details

- Please submit your application using the registration link below.
- Last date of application is 14<sup>th</sup> April 2023.
- A list of selected candidates will be displayed at [www.nirrch.res.in](http://www.nirrch.res.in) by 17<sup>th</sup> April 2023.
- Selected candidates need to confirm their participation by 24<sup>th</sup> April 2022 through submission of a cheque for Rs. 2000/- drawn in favor of “The Director, NIRRCH, Mumbai” (refundable after completion of course).
- A maximum of twenty participants will be enrolled.
- No fee is charged from the participants.
- Upon request, outstation participants may be provided lodging facility at a nominal cost.
- Travel and food will have to be arranged by the candidates.
- Please contact [training@nirrch.res.in](mailto:training@nirrch.res.in) for further details.

**[Click for Online Registration](#)**