



# ICMR - National Institute for Research in Environmental Health

(Dept. of Health Research, Ministry of Health and Family Welfare, Govt. of India)

Kamla Nehru Hospital Building, Gandhi Medical College Campus

Bhopal - 462 001 (MP), India

## 3-Days National Workshop on Flow Cytometry

(Theme: Cell Signaling in Health & Disease)

27<sup>th</sup> - 29<sup>th</sup> June, 2018

### About ICMR-NIREH

ICMR-National Institute for Research in Environmental Health is one of the premier institutes of Indian Council of Medical Research, a Government of India's apex autonomous organization for bio-medical research in the country. The major objective of the institute is to understand the mechanisms of chemical-induced injury through basic, clinical, translational and community research and to develop diagnostic and therapeutic tools.

### Lectures

- Basic of Flow Cytometry
- Cell Signaling and Cancer
- Signaling in Lymphocyte Activation
- Regulation of Inflammatory Signaling
- Cell Division, Death and Differentiation
- Signaling Network of Dendritic cells
- Signaling Pathways in Epigenetic Machinery

### Wet lab

- Instrument Setup and Compensation
- DNA damage and Cell cycle Analysis
- Proliferation and Apoptotic Cell Signaling
- Lymphocyte Subset Enumeration
- T Cell Phenotyping and Cytokine Assay
- Rare Event Detection
- Chromatin Flow Cytometry

### Resource Persons

Dr. T. Nagarajan (Mumbai)

Dr. Rupesh Srivastava (New Delhi)

Dr. K. Rajukumar (Bhopal)

Dr. Hemant Agrawal (Jaipur)

Dr. Himanshu Kumar (Bhopal)

Dr. Vainav Patel (Mumbai)

Dr. Badri Narayan (Bengaluru)

Dr. Rohit Saluja (Bhopal)

### Eligibility & Registration Details

- Post graduate students, doctoral and post doctoral researchers may apply in the prescribed format available at [www.nireh.org](http://www.nireh.org).
- A maximum of 20 participants will be enrolled for the workshop.
- The list of selected candidates will be posted at institute's website on 15<sup>th</sup> June, 2018.
- Selected candidates will have to confirm their participation by 22<sup>nd</sup> June 2018 through submission of a Demand Draft of Rs. 1000/- (Non-Refundable) drawn in favour of "The Director, ICMR-National Institute for Research in Environmental Health, Bhopal.
- No lodging/boarding shall be provided.

For further details please contact:

#### Convener

3-Days National Workshop on Flow Cytometry

Department of Molecular Biology

ICMR-National Institute for Research in Environmental Health (ICMR-NIREH)

Kamla Nehru Hospital Building, Gandhi Medical College Campus

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