



# ICMR- NIIH Centre of Excellence presents

## 20th INDO US

# Flowcytometry workshop

Two day advanced workshop in flowcytometry for  
diagnosis of Primary Immune-deficiency disorders

### Highlights of the workshop

- \* Principles of Flowcytometry
- \* Quality Assurance
- \* T,B,NK cell Immuno-phenotyping
- \* Designing of multicolor experiments
- \* T cell proliferation assay
- \* T cell functional analysis
- \* Flowcytometry data analysis
- \* Newer techniques in diagnosis of PIDs
- \* Tips for early diagnosis
- \* Autoimmunity and PIDs
- \* EBV and PIDs
- \* TH17 deficiency disorders
- \* Case discussions

For registration log onto [www.niih.org.in](http://www.niih.org.in)

Contact details: 1) Dr Reetika M.Yadav, Scientist'B', NIIH

Email: [reetikamalik@gmail.com](mailto:reetikamalik@gmail.com) Ph: 022-24138518-715, 9711393579

2) Dr Hemant Agrawal, Member -TETC

Email: [flowsols@gmail.com](mailto:flowsols@gmail.com) Ph: 7665130114

### International faculty

Dr Roshni Abraham

Dr Jack Bleasing

Dr Ayadan Ikinogullari

### National faculty

Dr Manisha Madkaikar

Dr Surjit Singh

Dr Mukesh Desai

Dr H Krishnamurthy

Dr Amita Agrawal

Dr Deepti Suri

Dr Biman Saikia

Dr Paresh Jain

Dr Kunal Sehgal

Dr Nita Radhakrishnan

Dr Sagar Battad

Dr Hemant Agrawal

### Organising Committee

#### Chairpersons:

Dr Manisha Madkaikar

Dr Awtar Krishan

#### Organising Secretaries:

Dr Reetika M. Yadav

Dr Rekha Gour

#### Team Members:

Dr H.Krishnamurthy

Dr Vivek Tanavade

Dr Hemant Agrawal

Dr Umair Bargir

Ms Maya Gupta

Dr Snehal Shabrish

# INTERNATIONAL GUEST SPEAKERS



**Dr Roshni Sarah Abraham PhD**  
**Founding Director, Diagnostic Immunology**  
**Laboratory, Nationwide Children's Hospital, OH**

Dr Roshni received her PhD in immunology in 1996 from the National Institute of Immunology , New Delhi, and completed post doctoral fellowships in immunology(1996- 2000), and Clinical Immunology and Biochemistry(2000-2002) at the Mayo clinic, Rochester, MN.

She has been faculty at Mayo Clinic from 2002-2018.

She is current President of Clinical Immunology Society(CIS) and Associate Chief of Academic affairs and Founding Director of the Diagnostic Immunology Laboratory in the Department of Pathology and Laboratory Medicine at Mayo Clinic and Professor of Medicine , and Laboratory Medicine and Pathology at the Mayo Clinic College of Medicine.

She has published over 200 peer reviewed articles, reviews, book chapters and abstracts.





Dr Jack Bleasing, MD, PhD  
Co-Director, Diagnostic Immunology  
Laboratories, Cincinnati Children's

Dr Jack Bleasing obtained his M.D. and PhD from University of Leiden, Netherland. He did his residency from University of Florida and fellowship from Dukes University, North carolina.

He is currently Professor, UC Department of Pediatrics and Co- Director, Diagnostic Immunology Laboratories, Cincinnati Childrens Hospital.

His research area include clinical investigation of Primary Immunodeficiencies with special interest in flow-cytometry.



Venue: NIRRH, Mumbai

Early Bird Registration up-to  
31<sup>st</sup> December 2018: Rs2500  
Spot Registration fee: Rs  
5000

For registration, please log-  
onto [www.niih.org.in](http://www.niih.org.in)

-----NATIONAL FACULTY-----



Dr Mukesh Desai



Dr Manisha Madkaikar



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Dr Biman Saikia



Dr Amita Agrawal



Dr Nita Radhakrishnan



Dr Kunal Sehgal



Dr Sagar Bhattad