

21st INDO-US Flow Cytometry Workshops (Building Cytometry Community Since 2002) Organized by

Live Education Task Force (LETF), International Society for Advancement of Cytometry (ISAC), Trust for Education and Training in Cytometry (TETC)

27thJanuary - 7thFebuary, 2020



1.) CSIR-National Institute of Oceanography (CSIR-NIO), Goa

"Basics of Flow Cytometry and its Applications in Oceanography" (27th-28th Jan, 2020)

2.) M.S. Ramaiah Medical College, Bengaluru

"Clinical Applications of Flow cytometry" (29th- 30th Jan, 2020)

3.) Panjab University, Chandigarh

"Flow Cytometry Applications in Biomedical Research" (2nd- 5th Feb. 2020)

4.) Eternal University, Himachal Pradesh

"Basics of Flow Cytometry and its Applications in Plant Biology" (6th-7th Feb. 2020)















Contact Details

Dr. Rekha Gour rekhagour@gmail.com +91-9284999738

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21st INDO-US Flow Cytometry Workshop "Basics of Flow Cytometry and its Applications in Oceanography"

Jointly organized by

Live Education Task Force, International Society for Advancement of **Cytometry (LETF-ISAC)**

Trust for Education and Training in Cytometry (TETC) CSIR-National Institute of Oceanography (CSIR-NIO)

at

CSIR-NIO, GOA 27th-28th January 2020

Workshop Highlights

Basics of Flow Cytometry

Applications of Flow Cytometry in Oceanography

Know Your Cytometer (KYC)

Quality Control and Trouble Shooting

Marine Microbial Ecology

Phytoplankton Ecology

Invertebrate Immunology

Data Analysis and Presentation

Organizing Committee

Patron

Prof. Awtar Krishan, USA

Scientific Advisory Committee

Prof. Sunil Kumar Singh

Dr. A C Anil

Convener

Dr. Rekha Gour

Organizing Secretaries

Dr. Lidita Khandeparker Dr. Hemant Agrawal

Members

Dr. H. Krishnamurthy

Dr. Vivek Tanvade

Dr. Dattesh Desai

Mr. Kaushal Mapari

Invited Faculty

Dr. Nicole Poulton, USA

Dr. William Telford, USA

Dr. Z. Maciorowski, France

Dr. A. C. Anil, India

Dr. H. Krishnamurthy, India

Dr. Rekha Gour, India

Dr. Hemant Agrawal, India

Dr. Lidita Khandeparker, India

Dr. Dattesh Desai, India

Online Registration:

Fill the registration form and send the scanned copy together with online payment receipt to

Dr. Hemant Agrawal at indiatetc@gmail.com

NEFT/RTGS Details:

Account Name: Trust for Education and Training in

Cytometry

Account Number: 3712970609 IFSC Code: KKBK0000646

Bank Name: Kotak Mahindra Bank, Mumbai

	Students	Faculty	Industry
Registration fee	Rs. 2500	Rs. 5000	Rs.10000
Spot Registration	Rs. 4000	Rs. 8000	Rs.12000

Accommodation: Limited accommodation is available on campus on paid and first come first serve basis.

For further information, call or email to us

Dr. Lidita Khandeparker

klidita@nio.org; +91-8322450432

Dr. Hemant Agrawal

flowsols@gmail.com; +91-7665130114

Last date for registration: 25th December 2019

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21st INDO-US Flow Cytometry Workshop "Clinical Applications of Flow cytometry"

Jointly organized by

Live Education Task Force, International Society for Advancement of Cytometry (LETF-ISAC)

Trust for Education and Training in Cytometry (TETC)
Ramaiah Medical College

at

Ramaiah Medical College Hospital, Bengaluru 29th-30th January 2020

Workshop Highlights

Basics of Flow Cytometry

Build your own Flow Cytometer (BYO)

Quality Control and Trouble Shooting

DNA Estimation and Cell Cycle Analysis

Polychromatic Flow Cytometry and Panel Design

Leukemia/Lymphoma Phenotyping

Minimal Residual Disease (MRD)

Hematopoietic Stem Cell Enumeration

Circulating Tumor Cells (CTCs)

Myelodysplastic Syndrome and Multiple Myeloma

Flow cytometry in PNH and Primary

immunodeficiency disease

Data Analysis and Presentation

Organizing Committee

Organizing Chairpersons

Awtar Krishan, USA

Pushpati N. Razdan, India

Organizing Co-Chairpersons

Prasanna Shetty

H. Krishnamurthy

Convener

Rekha Gour

Organizing Secretaries

Kalpana Kumari MK

Hemant Agrawal

Coordinators

Nandakishore Alva

Vivek Tanavde

For further information, please call or email us

Dr. Kalpana Kumari M K: 9886392301,

kalpank@gmail.com

Dr. Prasanna Shetty: 9880219907, drbadilaprasanna@rediffmail.com

Invited Faculty

Brent Wood, USA

William Telford, USA

Z. Maciorowski, France

H. Krishnamurthy, India

Sumeet Gujral, India

Paresh Jain, India

Vivek Tanavde, India

Rekha Gour, India

Hemant Agrawal, India

Manisha Madkaikar, India

Annapoorni Rangarajan, India

Online Registration:

Fill the registration form

Pay the required amount by DD/NEFT/RTGS and email to msrmcpath@gmail.com

Offline Registration:

Fill the registration form and send with payment details to

Kalpana Kumari M K

Associate professor of pathology

Ramaiah Medical College

MSR Nagar, MSRIT Post

Bengaluru-560054

Medical credit hours will be there for delegates and speakers

Registration free: Faculty PG/Student Early bird: ₹3000 ₹2500 Spot: ₹4000 ₹3000

Last date for registration: 31st Dec 2019

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Announcement

21st Indo-US Workshop cum Symposium on Flow Cytometry Applications in Biomedical Research 2nd-5th February 2020

Conducted by

The TRUST FOR EDUCATION AND TRAINING IN CYTOMETRY" (TETC), a registered non-profit trust for conducting Indo-US Cytometry Workshops in collaboration with the host Institutes invites your participation in the Hands-on Workshop cum Symposium on at Panjab University, Chandigarh, India.



Organized by

Panjab University, Chandigarh under the aegis of Live Education Task Force (LETF) of the International Society for the Advancement of Cytometry (ISAC).

Venue Department of Biotechnology, Panjab University, Chandigarh

THE CONCEPT

Flow cytometry is based on detection and rapid analysis of cellular markers and constituents stained with a fluorochrome and excited by a laser beam. Besides large cells (e.g., algae, bacteria, yeast, plant and mammalian cells) laser flow cytometry is used for study and sorting of human chromosomes and cells labeled with nanoparticles and beads.

The important value of laser flow cytometry is its ability to make measurements on a large numbers of single cells within a short period of time (millions of cells per minute) and generating multiparametric data. The heterogeneity of populations can be revealed and different subsets of cells identified and quantified. Selected cell populations can also be electronically sorted for further study.

The wet lab workshop to be held at the Panjab University Chandigarh will include lectures, tutorials and wet labs to review and demonstrate the various flow cytometric methods for Biomedical research.

Applications are invited from students and researchers who wish to acquire expertise in the use of flow cytometry for their research. An application form can be downloaded from website,

http://biotechnology.puchd.ac.in/, and should be sent along with a two page biodata to the organizing secretary at kashmirbio@pu.ac.in.

Workshop Highlights:

- ✓ Principles of Flow Cytometry
- ✓ Flow Cytometry Control & Quality Assurance
- ✓ Multicolor Immunophenotyping and Panel designing
- ✓ B, T and NK cell Immunophenotyping
- ✓ Cell proliferation & Apoptosis assays
- ✓ Single Cell Sorting
- ✓ Small Particle Analysis
- ✓ Data Analysis and Presentation

Registration Fee:

	Student	Faculty/Doctor/Postdoc	Corporate		
Symposium	Rs. 2000	Rs. 3000	Rs. 5000		
Workshop	Rs. 4000	Rs. 5000	Rs. 8000		
Both	Rs. 5000	Rs. 7000	Rs. 12000		
On Spot registration: Rs 2000 will be added to the above price					

Patrons

Prof Raj Kumar, Vice-Chancellor, Panjab University, Chandigarh

Prof. Awtar Krishan, Co-Chair, LETF, ISAC, USA

National Advisor cum Chairman organizing Committee

Prof RC Sobti, India

Organizing Secretaries

Dr. Kashmir Singh, PU

Dr. Sanjeev Puri, PU

Dr. Hemant Agrawal, TETC

Workshop Convernor

Dr. Rekha Gour, TETC

Organizing Committee Members

Dr. H. Krishnamurthy

Dr. Vivek Tanavde

INVITED FACULTY/SPEAKER

International

Dr. Brent Wood, USA

Dr. Zosia Maciorowski, France

Dr. Paresh Jain, Singapore

Dr. Aastha Sobti, Sweden

National

Dr. H. Krishnamurthy, Bangalore

Dr. Hemant Agarwal, Jaipur

Dr. Latha Rangan, Guwahati

Dr. Rajeev Kumar, Silchar

Dr. Bipasha Bose, Mangalore

Dr. Rekha Gour, Mumbai

Dr. Vivek Tanavde, Ahmedabad

Dr. Nirupama Trehanpati. New Delhi

Dr. Deepak Sharma, Mumbai

Dr. Biman Saikia, Chandigarh

Local Organizing Committee (PU)

Dr. Jagdeep Kaur, Dept. of Biotechnology.

Dr. Neena Caplash, Dept. of Biotechnology

Dr. Jagtar Singh, Dept. of Biotechnology

Dr. DD Singh, Dept. of Biotechnology

Director, UIET,

Chairperson, Dept. of Biochemistry

Chairperson, Dept. of Biophysics

Chairperson, Dept. of Microbiology

Chairperson, Dept. of Zoology

Prof Amrik S Ahluwalia, Department of Botany

Dr Prashant, UIHMT

Chairperson, Centre for Stem Cell Tissue Eng. &

Biomedical Excellence, PU, Chandigarh

Dr. Rajat Sandhir, Dept. of Biochemistry

Dr. V.L. Sharma Dept. of Zoology

Dr. Sukhbir Kaur, Dept. of Zoology

Dr. Veena Puri, Centre for Systems Biology &

Bioinformatics,

Dr. Devinder Singh, Dept. of Laws

Chairperson, Department of Microbial Biotechnology

Prof Karan Vasisht, UIPS

Contact Information

Dr. Kashmir Singh, Dept. of Biotechnology, Panjab University, Chandigarh. Ph: 0-9501684096, email: kashmirbio@pu.ac.in, chairperson_biotech@pu.ac.in

Dr. Sanjeev Puri, Biotechnology, UIET, Panjab University, Chandigarh Ph: 0-987-258-0078, email; spuri1025@gmail.com.

Dr. Hemant Agrawal, TETC, Jaipur, +91-7665130114, flowsols@gmail.com **Dr. Rekha Gour,** TETC, Mumbai, +91-9284999738, rekhagour@gmail.com







21st INDO-US Flow Cytometry Workshop "Basics of Flow Cytometry and its Applications in Plant Biology"

Jointly organized by

Live Education Task Force, International Society for Advancement of Cytometry (LETF-ISAC)

Trust for Education and Training in Cytometry (TETC)
Eternal University

at

Eternal University, Baru Sahib, Himachal Pradesh 6th-7th February 2020

Workshop Highlights

Basics of Flow Cytometry
Applications of flow cytometry in Plant Biology
Know Your Cytometer (KYC)
Quality Control and Trouble Shooting
Flow Cytometry Experimental Designing
Plant Poidy and Genome Size Estimation
Data Analysis and Presentation

Organizing Committee

Organizing Chairpersons

Awtar Krishan, USA H.S. Dhaliwal, India

Convener

Rekha Gour

Organizing Secretaries

Sapna Thakur Hemant Agrawal

Coordinators

B.S. Boparai S. K. Sharma Pritesh Vyas

Members

H. Krishnamurthy Vivek Tanavde

For further information, please call or email to us

Sapna Thakur

sapna@eternaluniversity.edu.in sapnabiotec@gmail.com

Phone No.: 9459506118

Invited Faculty

William Telford, USA Z. Maciorowski, France Latha Rangan, India Arun Agarwal, India Rekha Gour, India Hemant Agrawal, India

Online Registration:

Fill the registration form Pay the required amount by NEFT/RTGS and email to sapna@eternaluniversity.edu.in

NEFT/RTGS Details:

Name of the account: Eternal University Name of the Bank: State Bank of India

Branch: Baru Sahib (H.P.) Account Number: 30957030400 IFSC Code: SBIN0011784 MICR Code: NON-MICR

	Students	Faculty	Industry
Registration fee	Rs. 2000	Rs. 4000	Rs. 6000
Spot Registration	Rs. 2500	Rs. 4500	Rs. 6500

Accommodation:

Accommodation is available on campus on paid basis

Single: Rs 800/night

Sharing basis: Rs 400/night

Last date for registration: 25th December 2019

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