FLOWCYTOMETRY™ SOLUTIONS
Helping innovations

www.flowsols.com

1st Annual Online Certificate Course on

Clinical Flow Cytometry

Principles, Diagnostics and Monitoring

1st September - 15th October, 2026 (7.00 pm -9.00 pm IST)

Course Overview & Objective

Flow cytometry is a powerful single-cell analysis technology widely used in biological research and clinical diagnostics. This **1.5-month comprehensive online certificate course** is first of its kind and provides conceptual and practical training in **clinical flow cytometry**, covering acute leukemia, lymphoma, chronic lymphoproliferative disorders, minimal residual disease (MRD), stem cell analysis, immune monitoring, transplant diagnostics, multicolor panel designing, quality assurance, troubleshooting, and clinical interpretation.

Upon successful completion of the course, participants will have a strong foundation in clinical flow cytometry and the confidence to apply its principles in routine diagnostics, optimize assay performance, interpret complex data, and support evidence-based clinical decision-making.

Course Highlights

- Fundamentals of Flow Cytometry
- Haematopoiesis and Haematological Malignancies
- Antibody Panels and Fluorochrome Selection
- Spectral Overlap and Compensation
- Machine Setup, Clinical Sample Preparation and Pre-Analytical Variables
- CD34 Enumeration & Stem Cell Analysis
- Flow Crossmatch & Transplant Flow Cytometry
- Lymphocyte Subset Analysis
- PNH and other Benign disorders
- Primary Immunodeficiency Disease (PID)
- Acute Myeloid Leukemia (AML) Immunophenotyping
- Acute Lymphoblastic Leukemia (ALL) Immunophenotyping
- Lymphoma & Chronic Lymphoproliferative Disorders
- Plasma Cell Disorders & Multiple Myeloma
- ALL MRD Analysis
- AML MRD Analysis
- CAR-T Therapy, Cell Therapy and Immune Monitoring
- Data Analysis, Gating Strategies & Troubleshooting
- Quality Assurance & Standardization
- Artificial Intelligence (AI) in Clinical Flow Cytometry
- Selected Case Studies Presentations by the participants
- Quiz and Q&A

Speakers

Dr. Paul Wallace, USA
Dr. Brent Wood, USA
Dr. Andrea Wang, USA
Dr. Monica Singh, USA
Dr. Hemant Agrawal, India
Dr. Nitin Dayal, India
Dr. Khaliqur Rahman, India
Dr. Ruchi Gupta, India
Dr. Ankit Malhotra, India
Dr. Arun Kumar Arunachalam, India
Dr. Ananthvikas Jayaram, India
Dr. Nupur Das, India
Dr. Karthik Bommannan, India
Dr. Udayakumar DS, India
Dr. Lakshita Singh, India
Dr. Sarjana Tiwari, India
Dr. Mousami Kar, India

Who Can Attend

-Student, Lab Technologist, Residents, Fellows Faculty, Doctor, Consultants, Industry Professional etc

-Participants from academia/non-academia from all over the world are encouraged to apply

Program

(7.00 pm - 9:00 pm IST/ 8.30 am – 10.30 am CST, USA)

Day and Date	Topic
Day 1 (1st September, Tuesday)	Fundamentals of Flow Cytometry
Day 2 (3rd September, Thursday)	Haematopoiesis and a fundamental approach to haematological malignancies
Day 3 (5th September, Saturday)	Antibody Panel Designing, Fluorochrome Selection, Spectral Overlap and Compensation
Day 4 (7th September, Monday)	Machine Setup, Clinical Sample Preparation, Pre-Analytical Variables, Gating Strategy
Day 5 (8th September, Tuesday)	Hematopoietic Stem Cell (HSC/CD34) Enumeration & Stem Cell Analysis
Day 6 (11th September, Friday)	Flow Cytometry Crossmatch & Solid Organ Transplantation Science
Day 7 (13th September, Sunday)	Lymphocyte Subset Analysis & its Evolving Role in Medicine
Day 8 (15h September, Tuesday)	PNH and other begin disorders
Day 9 (17th September, Thursday)	Primary Immunodeficiency Disorders (PIDD)
Day 10 (19th September, Saturday)	Myeloid Leukemias with Case Studies
Day 11 (22nd September, Tuesday)	Lymphoid Leukemias with Case Studies
Day 12 (24th September, Thursday)	B-cell Lymphoproliferative Disorders with Case Studies
Day 13 (26th September, Saturday)	T-cell Lymphoproliferative Disorders with Case Studies
Day 14 (28th September, Monday)	Plasma cell disorders with case studies
Day 15 (30th September, Wednesday)	T-ALL MRD
Day 16 (1st October, Thursday)	B-ALL MRD
Day 17 (3rd October, Saturday)	AML MRD
Day 18 (5th October, Monday)	FCM in CAR-T Therapy, Cell therapy and Immune Monitoring
Day 19 (8th October, Thursday)	Artificial Intelligence (AI) in Clinical Flow Cytometry
Day 20 (13th October, Tuesday)	Clinical Case presentations & Didactic Discussions (8 cases by participants 10-12 mins each)
Day 21 (14th October, Wednesday)	Quality Assurance & Standardization
Day 22 (15th October, Thursday)	Final Quiz, Q&A and Vote of Thanks

Contact: flowsols@gmail.com, +91-7665130114

How to Apply

-Fill Registration form online by clicking on the **"Register Now"** button below.
-Thereafter make a payment either via scanning the below QR using any payment app (From India) or send an email at flowsols@gmail.com requesting the payment link (Outside India).
-Once paid, share the payment receipt at flowsols@gmail.com, your registration will be confirmed within 24 hours via email.

Registration Fee*

Country / Registration Category	INDIA	SAARC/South East Asia/Africa/South America	USA/Canada/Europe/ Middle East/Australia/New Zealand/China/Japan/Korea
Medical Student (doing MBBS)/ non-Medical Student/ Trainee/ Technologist	INR 6000	USD 150	USD 300
Postdoc/Resident Doctor (JR/SR)/ Fellows/ MD/Technical or Scientific Officer/ Core Manager	INR 8000	USD 200	USD 400
Faculty/Consultants	INR 10000	USD 250	USD 500
Industry Professional	INR 15000	USD 375	USD 750

Discount on Registration Fee
10% for Group of 5 or More

***Registration Fee is non-refundable**

Payment (For India)

Scan the below QR Code and make a payment

G Pay
PhonePe
Paytm
BHIM UPI

International Payment

After filling the registration form, send an email at flowsols@gmail.com requesting a payment link. A secured payment link will be provided on your registered e-mail address.

Register Now

Last Date of Registration 29th Aug 2026

To be Noted:

Certificate Eligibility: A minimum of **70% attendance** in the scheduled lecture sessions is mandatory for receiving the course participation certificate.

Clinical Case Presentation Opportunity: Participants are invited to submit interesting clinical flow cytometry cases for presentation. Eight (8) cases will be selected by the Scientific Committee for oral presentation during the course.

Recording Policy: All live sessions will be recorded. Recordings will be available to registered participants for **up to 3 months**. Downloading, recording, or redistribution of the course content is strictly prohibited.

Reading Material: Reading material will be provided to all the registered participants

Our Supporter

TETC®
TRUST FOR EDUCATION AND TRAINING IN CYTOMETRY
Building Cytometry Community

Contact:
flowsols@gmail.com
+91-7665130114