

ACHARYA NARENDRA DEV COLLEGE



UNIVERSITY OF DELHI
ACCREDITED 'A' GRADE BY NAAC
ALL INDIAN NIRF 2021 RANKING -20



Under the aegis of DBT STAR Scheme and IQAC



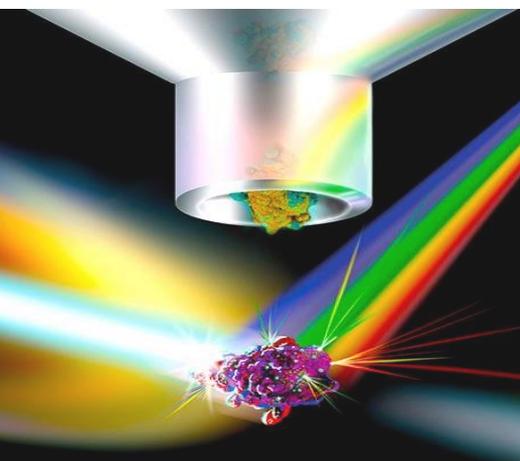
in collaboration with
**FLOW CYTOMETRY
SOLUTIONS PVT. LTD.**

Organizes a

NATIONAL WORKSHOP (VIRTUAL) ON

**20-24
OCTOBER
2021**

**FLOW CYTOMETRY & qPCR
BASED BLOOD ANALYSES**



REGISTRATION FEE

*Graduate/Post Graduate
Students: Rs 300
Ph.D Students: Rs 400
Faculty: Rs 500*

*E-certificates will be given
to all participants*

*Scan QR Code
for registration*

Link for registration

<https://bit.ly/3mF4IUf>





SPEAKERS



Prof. Daman Saluja, Director
Dr. B.R. Ambedkar Centre for
Biomedical Research, DU



Dr. Sunita Jetly, Assoc. Prof.
Acharya Narendra Dev College, DU



Dr. Navkiran Kaur, Asst. Prof.
Amity University, Noida



Dr. Ashish Vyas
DBT INSPIRE Faculty, AIIMS Bhopal



Dr. Hemant Agarwal, Director
Flowcytometry Solutions Pvt Ltd.



Dr. Nirupma Trehanpati, Prof.
Institute of Liver and Biliary Sciences



Dr. Ritu Khosla, Asst. Prof.
Acharya Narendra Dev College, DU



Dr. Anirudh Singh, Scientist D,
AIIMS, Bhopal

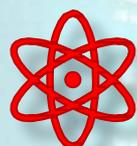


WORKSHOP SCHEDULE

Chief Guest



Professor Balaram Pani
Dean Colleges and
Principal, Bhaskaracharya College of Applied Sciences
University of Delhi



DAY-1 October 20, 2021

PLASMA, SERUM AND PBMC ISOLATION

TIME	TOPIC	SPEAKER
3:00 pm - 3:10 pm	Inauguration and lamp lighting	
3:10 pm - 3:20 pm	Welcome Address	Prof. Ravi Toteja (Officiating Principal)
3:20 pm - 3:30 pm	Address by Chief Guest	Prof. Balaram Pani (Dean Colleges, DU)
3:30 pm - 4:00 pm	Blood and its composition	Dr. Sunita Jetly (ANDC, DU)
4:00 pm - 4:45 pm	Separation of different components of blood (Density Gradient Centrifugation)	Dr. Navkiran Kaur (Amity University, Noida)
4:45 pm - 5:00 pm	Question & Answer session	
5:00 pm - 6:00 pm	Virtual Demonstration of PBMC Isolation	Dr. Ashish Vyas (AIIMS, Bhopal)



WORKSHOP SCHEDULE



DAY-2 October 21, 2021

ANALYSIS OF LYMPHOCYTES BY FLOW CYTOMETRY

TIME	TOPIC	SPEAKER
3:00 pm - 4:00 pm	Introduction to flow cytometry	Dr. Hemant Agarwal
4:00 pm - 5:00 pm	Designing of a flow cytometry experiment	
5:00 pm - 6:00 pm	Applications of flow cytometry	Dr. Nirupma Trehanpati (Professor, ILBS)
6:00 pm - 6:30 pm	Question & Answer session	



DAY-3 October 22, 2021

ANALYSIS OF LYMPHOCYTES BY FLOW CYTOMETRY

TIME	TOPIC	SPEAKER
3:00 pm - 4:00 pm	Setting up of flow cytometer and data acquisition (Virtual demonstration)	Dr. Hemant Agarwal
4:00 pm - 5:30 pm	Flow cytometric data analysis and presentation	
5:30 pm - 6:00 pm	Question & Answer session	



WORKSHOP SCHEDULE



DAY-4 October 23, 2021

REAL TIME PCR

TIME	TOPIC	SPEAKER
3:00 pm - 4:00 pm	PCR and its applications	Dr. Daman Saluja (ACBR, DU)
4:00 pm - 5:00 pm	Principle and working of q-PCR	Dr. Ritu Khosla (ANDC, DU)
5:00 pm - 6:00 pm	Application of q-PCR	Dr. Anirudh Singh (AIIMS, Bhopal)
6:00 pm - 6:30 pm	Question & Answer session	



DAY-5 October 24, 2021

REAL TIME PCR

TIME	TOPIC	SPEAKER
2:00 pm - 2:45 pm	Virtual demonstration of qPCR	Dr. Anirudh Singh (AIIMS, Bhopal)
2:45 pm - 3:45pm	Data analysis Question & Answer session	Dr. Ritu Khosla
3:45 pm - 4:00 pm	Vote of Thanks	Dr. Sunita Jetly

****e-certificates will be generated automatically upon successful completion of assignments and submission of feedback forms by the participants.***



MEMBERS

PATRON

Prof. Ravi Toteja
Officiating Principal

CONVENORS

Dr. Sunita Jetly
Department of Biomedical Science

Dr. Ritu Khosla
Department of Biomedical Science

ADVISORY COMMITTEE

Prof. Daman Saluja
Director, ACBR

Prof. Nirupma Trehanpati
ILBS, Delhi

Prof. Seema Kapoor, In-charge
Division of Genetics & Metabolism
MAMC, Delhi

DBT STAR CO-ORDINATOR

Dr. Archana Pandey
Department of Biomedical Science

FACULTY CO-ORDINATOR

Dr. Deepshikha
Department of Biomedical Science

STUDENT CO-ORDINATORS

Mehak Sharma

Shrishti Singh

B.Sc.(H) Biomedical science II year

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