

Expression of genes in an *in vitro* mammalian system is an important tool in modern biomedical research. In this four-day workshop, participants will be given hands-on training in



- Culturing mammalian cells *in vitro*
- Freezing & thawing of cells
- Transfection
- Cell viability assays
- Fluorescence microscopy
- Real-time PCR

**REGISTRATION
DEADLINE
DECEMBER 13,
2024**

Who can attend?

Registration is open to students from undergraduate/post-graduate and Ph.D. as well as to Research Scholars/Young Faculty/Industry delegates from any SAARC country pursuing research in any branch of biology. The number of participants will be limited to ensure full hands-on training for everyone.

Registration Fees	
U.G./ P.G. students & Research Scholars	Rs. 5000
Postdocs & Faculty	Rs. 6000
Industry Delegates	Rs. 8000

Registration includes tea, lunch, protocol booklet & certificate. Accommodation may be arranged at SAU hostel, if available, for an additional fee.
Register Now!



INTERNATIONAL WORKSHOP ON

MAMMALIAN CELL CULTURE, TRANSFECTION & GENE EXPRESSION ANALYSIS



DECEMBER 16-19, 2024

SOUTH ASIAN UNIVERSITY
MAIDAN GARHI, NEW DELHI





International Workshop on Mammalian Cell Culture, Transfection and Gene Expression Analysis



Four-day hands-on workshop will help students learn

- How to culture and maintain mammalian cell-lines *in vitro*
- Counting, passaging, freezing and thawing of cells
- Using cell viability assays to assess cell death (using multimode plate reader)
- Transfecting cells with a fluorescent vector
- Isolation of RNA, quantitation & cDNA synthesis
- Real-time PCR and data analysis
- Visualizing transfection efficiency using fluorescence microscope
- Interactive lectures on above topics

The Faculty of Life Sciences and Biotechnology announces a four-day International Workshop on

Mammalian Cell Culture, Transfection, and Gene Expression Analysis

Dates: **December 16-19, 2024**

Venue: LS004, FLSB Laboratory
South Asian University,
Rajpur Road, Maidan Garhi, New
Delhi.

Co-Sponsored by:

**ACCUMAX
NEUATION**



KNOWLEDGE WITHOUT BORDERS

Conveners:

Dr. Ravi Shankar Akundi

ravi.shankar@sau.ac.in

Dr. Rinkoo Devi Gupta

rdgupta@sau.ac.in

Technical Coordinators:

Nitin Sharma

Simple Kumari

Student Coordinators:

Khagendra Ghimeray

Md. Mostafizur Rahman

Md. Fahim Khalid

Shovan Kundu

Shipra Jha



**Limited seats
Register Now!**