STELLIXIR
WHERE INNOVATION MEETS QUALITY

WORKSHOP SERIES

HANDS ON TRAINING

Basics of cell culture, MTT assay and Flow cytometry

Mammalian Cell culture based models are playing important role in the pharmaceutical industry, not just for cytotoxicity testing but also for high throughput screening of compounds that may have potential use as drugs.

This workshop is intended for beginners and/or students with limited experience in cell culture. It will give you a solid foundation in the cell culture basics, with clear understanding of the principles underlying the flow cytometry based assays.

PROGRAM SCHEDULE

DAY 1

Time	Session
10.00 – 11.30	Introduction to cell culture
11.30 – 11.45	Coffee/tea break
11.45 – 13.00	Aseptic conditions: cell culture
13.00 – 14.00	Lunch
14.00 – 16.00	Subculture, counting and viability
16.00 – 16.15	Coffee/tea break
16.15 – 18.00	Cell seeding for MTT assay and Caspase 3 analysis by flow-cytometry

DAY 2

Time	Session
10.00 – 11.30	Microscopic analysis of Seeded cells
11.30 – 11.45	Coffee/tea break
11.45 – 13.00	Drug dilutions and additions
13.00 – 14.00	Lunch
14.00 – 16.00	Drug dilutions and additions
16.00 – 16.15	Coffee/tea break
16.15 – 18.00	Thwaing and cryopreservation of cells

DAY 3

Time	Session
10.00 – 11.30	Introduction to Flow cytometry
11.30 – 11.45	Coffee/tea break
11.45 – 12.00	Microscopic analysis of drug treated cells
11.45 – 12.00	Addition of MTT reagent
13.00 – 14.00	Lunch
14.00 – 16.00	MTT assay results analysis
16.00 – 16.15	Coffee/tea break
16.15 – 18.00	Cell staining and **Caspase 3** analysis by flow-cytometry

Dates: 23rd Aug to 25th Aug, 2019

Eligibility:

UG/PG/PhD students/Faculty/Non academicians.

Venue: Stellixir Biotech Pvt. Ltd.

Registration Deadline: 20th Aug, 2019

Registration form @ www.stellixir.com

Fee:

UG/PGs: 5,000 INR

PhD students/Faculty: 7000.00 INR

Non Academicians: 10000.00 INR

No of seats : 15 candidates per batch

Our Bank Details:

Account Name: Stellixir Biotech Pvt Ltd

Account No.: 843930110000109

IFSC Code: BKID0008439

Bank Name: Bank of India

PAN Number : AAUCS9074M

Meals: Lunches will be provided, as well tea

Accommodation: Rs. 1500 to Rs. 1800 per day