



SNCI-2024

XXXVIII Annual Meeting of Society For Neurochemistry (India)

Pre-Conference Workshop on "Advanced Techniques In Molecular Neurobiology"

23rd-25th September, 2024

WORKSHOP PROGRAM

Venue: CIL Auditorium, Panjab University

DAY 1
September 23rd, 2024

8:30 am - 9:30 am

Registration

9:30 am - 10:30 am

Inauguration Ceremony

10:30 am - 11:00 am

Ice-Breaking Session and High Tea

11:00 am - 11:40 am

Lecture I: "Animal Models for Neurodegenerative Disorders"

Prof. Rajat Sandhir

Department of Biochemistry, Panjab University, Chandigarh

11:40 am - 12:20 pm

Lecture II: "In vitro and in vivo models of Parkinson's Disease"

Prof. Deepak Sharma

CSIR-IMTECH, Chandigarh

12:20 pm - 1:00 pm

Lecture III: "Establishment and Maintenance of Primary Culture as a Preclinical Model for Neurosciences"

Dr. Ashutosh Rai

Department of Biochemistry, Panjab University, Chandigarh

1:00 pm - 2:00 pm

Lunch Break

2:00 pm - 5:00 pm

Demonstration Session I:

Stereotaxic Surgery and Behaviour Tracking

Gentech Marketing and Distribution Pvt. Ltd.

Primary Culture, Behaviour, Molecular Techniques

Dept. of Biochemistry, Panjab University, Chandigarh

DAY 2

September 24th, 2024

Venue: CIL Auditorium, Panjab University

9:00 am - 10:00 am
Lecture I: "Development of Optogenetic Tools for Understanding Neural Signalling and Associated Diseases" (Online)
Prof. Suneel Kateriya
School of Biotechnology, Jawaharlal Nehru University, New Delhi

10:00 am - 11:00 am
Lecture II: "Deep Learning Methods for Understanding Olfaction"
Dr. Ritesh Kumar
CSIR-CSIO, Chandigarh, India

11:00 am - 11:30 am
Tea Break

11:30 am - 1:00 pm
Lecture III: "Genotoxicity Assays and Demonstration"
Dr. Mani Chopra
Department of Zoology, Panjab University, Chandigarh

1:00 pm - 2:00 pm
Lunch Break

2:00 pm - 5:00 pm
Demonstration Session II: Omics & In Vivo Imaging
Dr. Vikas Rishi, NABI, Mohali
Dr. Mohit Kumar, NABI, Mohali

Venue: CIL Auditorium, Panjab University

9:00 am - 10:00 am
Lecture I: "Electrophysiology Techniques in Neurobiology"
Dr. Pradeep Punnakkal
Department of Biophysics, PGIMER, Chandigarh

10:00 am - 11:00 am
Lecture II: "2D and 3D Culture for Neuroscience Research"
Dr. Pankaj Seth
National Brain Research Centre, Manesar, Haryana

11:00 am - 11:30 am
Tea Break

11:30 am - 12:15 pm
Lecture III: "Methodology for conducting Systematic Reviews and Meta-Analysis"
Dr. Amit Pal
Department of Biochemistry, All India Institute of Medical Sciences, Kalyani, West Bengal

12:15 pm - 1:00 pm
Lecture IV: "Statistical Tools in Neuroscience Research"
Dr. Suresh Sharma
Department of Statistics, Panjab University, Chandigarh

12:45 pm - 4:30 pm
Demonstration Session III: Electrophysiological Methods
Department of Biophysics, PGIMER, Chandigarh

4:30 pm - 5:00 pm
Valedictory Session

DAY 3

September 25th, 2024