



Five Day Workshop on “Neurobehavioural studies using vertebrate and invertebrate laboratory model organisms”

Date (Duration)

18th March 2024 (Day 1)
Venue: F2 Seminar Hall

TIMINGS		INAUGURAL PROGRAM
From	To	
1:00 PM	2:50 PM	Registration
3:00 PM	3:10 PM	Welcome to the dignitaries & the Participants
3:10 PM	3:15 PM	Lighting of the Lamp with Chanting of Saraswati Vandana
3:15 PM	3:25 PM	Workshop Briefing by Dr. Rachna Mehta, Organizing Secretary
3:25 PM	3:35 PM	Address by Prof. B.N. Mallick, Professor & Director, AINN, AUUP Noida
3:40 PM	3:50 PM	Address by Prof. B.C. Das, Chairman, AIMMSCR, Dean-Health & Allied Sciences, AUUP Noida
3:50 PM	4:00 PM	Address by Dr. W. Selvamurthy, President, ASTIF, AUUP Noida & Chancellor, Amity University Chhattisgarh
4:00 PM	4:10 PM	Address by Prof. (Dr.) Balvinder Shukla, Hon'ble Vice Chancellor, AUUP Noida
4:15 PM		A Few Thoughts and Blessings by Hon'ble Founder President, Dr. Ashok K Chauhan (subject to confirmation)
Tea Break (till 04:50 PM)		
Moderator of the Session: Dr. Rachna Mehta ; Rapporteur: Ms. Fahima Tanveer		
05:00 PM	5:40 PM	Lecture 1: Prof. Subrata Sinha, National Science Chair, SERB-DST Formerly Head, Department of Biochemistry, AIIMS, New Delhi Formerly Director, National Brain Research Centre, Manesar “Studying extended families to reveal genetic associations and pathways predisposing to learning disability.”
5:50 PM	6:30 PM	Lecture 2: Prof. Shashank Sharad Kale, Professor Neurosurgery, AIIMS, New Delhi " Lesions in the brain, their effects, and new developments in management'
7:00 PM		Dinner by Invitation

19th March 2024 (Tuesday) (Day 2)

Venue: J1 Block, Room No. 212

Moderator of the Session: Dr. Vijay Kumar

Rapporteur: Ms. Wuya Mihu

09:30 AM	10:10 AM	Lecture 3: Dr. Binu Kumar Senior Scientist, CSIR-Institute of Genomics & Integrative Biology, New Delhi "Deciphering Signaling Pathways: Exploring the Influence of Cyclin-Dependent Kinase 5 on Neuronal Health, Neurodegeneration, and Behavior Impairments."
10:15 AM	10:55 AM	Lecture 4: Prof. Dulal Panda, Director, NIPER, Mohali Formerly Head of Department of Biosciences and Bioengineering, IIT Bombay "Tau Abnormalities in Neurological Disorders: Potential Therapeutic Strategies"
11:00 AM	11:15 AM	Tea Break
11:15 AM	01:15 PM	Laboratory work (to be continued 2:50 PM onwards)
01:15 PM	01:40 PM	Lunch Break

Moderator of the Session: Dr. Anubhuti Dixit

Rapporteur: Ms. Dave Shreya Lt Jayesh

01:45 PM	02:25 PM	Lecture 5: Prof. Rajat Sandhir Professor, Department of Biochemistry, Panjab University, Chandigarh "Zebra fish as model of sporadic Alzheimer's disease"
02:30 PM	02:50 PM	Talk by Industry expert
02:50 PM	06:00 PM	Laboratory work (in continuation)
03:30 PM	04:00 PM	Tea Break (Participants can take tea during the ongoing lab session as per convenience)

20th March 2024 (Wednesday) (Day 3)

Venue : J1 Block, Room No. 212

Moderator of the Session: Dr. Rishikesh Kumar Gupta

Rapporteur: Ms. Srishti Nautiyal

09:30 AM	10:10 AM	Lecture 6: Prof. Suman Jain Professor, Department of Physiology, AIIMS, New Delhi "Unlocking Neuromodulatory Role of External Magnetic Field Stimulation in Rat models of Neurodegenerative Disorders"
10:15 AM	10:55 AM	Lecture 7: Dr. Sushil K Jha Associate Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi "Neuroplasticity and Compensatory Mechanisms of the Brain"
11:00 AM	11:15 AM	Tea Break
11:15 AM	01:15 PM	Laboratory work (to be continued 2:50 PM onwards)
01:15 PM	01:40 PM	Lunch Break

Moderator of the Session: Dr. Anwesha Bhattacharyya

Rapporteur: Ms. Aashi Varshney

01:45 PM	02:25 PM	Lecture 8: Prof. Suhel Parvez Dean, SIST, Jamia Hamdard, New Delhi "Beyond the Maze: Leveraging Invertebrate and Vertebrate Models to Probe the Neural Bases of Cognition"
02:30 PM	02:50 PM	Dr. Sunil Kumar Khatri Dean, Research, Innovation and Extension Activities Outcome, Amity University, Uttar Pradesh Noida "Amity University - Research and Innovation Opportunities"
02:50 PM	06:00 PM	Laboratory work (in continuation)
03:30 PM	04:00 PM	Tea Break (Participants can take tea during the ongoing lab session as per convenience)

21st March 2024 (Thursday) (Day 4)

Venue: J1 Block, Room No. 212

Moderator of the Session: Dr. Angana Saikia

Rapporteur: Ms. Lekshmi Suresh Babu

09:30 AM	10:10 AM	Lecture 9: Prof Pankaj Seth Professor, National Brain Research Centre Manesar, Gurugram “Isolation and Characterization of Human Brain Cells for their use to study how viruses affect brain functions”
10:15 AM	10:55 AM	Lecture 10: Dr Krishna Melnattur Assistant Professor of Psychology and Biology, Ashoka University, Sonapat, Haryana “Sleep is plastic and supports plasticity”
11:00 AM	11:15 AM	Tea Break
11:15 AM	01:15 PM	Laboratory work (to be continued 2:50 PM onwards)
01:15 PM	01:40 PM	Lunch Break

Moderator of the Session: Dr. Sunil Kumar

Rapporteur: Ms. Gursimran Sekhon

01:45 PM	02:25 PM	Lecture11: Dr. Chetana Sachidanandan Senior Principal Scientist and Head, Human Resource, CSIR-Institute of Genomics & Integrative Biology (CSIR-IGIB), New Delhi “Zebrafish as a model for human neurodevelopmental and neuropsychiatric diseases”
02:30 PM	02:50 PM	Talk by Industry expert.
02:50 PM	06:00 PM	Laboratory work (in continuation)
03:30 PM	04:00 PM	Tea Break (Participants can take tea during the ongoing lab session as per convenience)

22nd March 2024 (Friday) (Day 5)

Venue: A Block Seminar Hall

Moderator of the Session: Dr. Rachna Mehta

Rapporteur: Ms. Chitanshi Singh and Mr. Aarav Sharma

09:30 AM	10:10 AM	Lecture12: Prof. Chinmoy Sankar Dey Professor, School of Biological Sciences, Indian Institute of Technology, Delhi Recipient of Shanti Swarup Bhatnagar Award "Think Sideways"
10:15 AM	10:55 AM	Lecture13: Dr. Arnab Mukhopadhyay Senior Scientist, National Institute of Immunology, New Delhi "How to use <i>C. elegans</i> for behavioural studies and neurobiology"
VALEDICTORY SESSION		
11:00 AM	11:45 AM	Valedictory Talk: Prof. Krishanu Ray Director, National Brain Research Centre, Manesar, Gurugram Formerly Professor & Chairperson, Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai "Studying Axonal Transport and Ciliogenesis in <i>Drosophila</i> - correlating molecules to both cellular and behavioural attributes"
11:45 AM	12:00 PM	High Tea
12:10 PM	12:40 PM	Feedback from Participants
12:45PM	1:00 PM	Distribution of Certificates
1:00 PM	1:10 PM	Workshop Report by Dr. Rachna Mehta, Organizing Secretary
1:10 PM	1:15 PM	Vote of Thanks by Dr. Anubhuti Dixit
1:30 PM		Lunch