



School of Life Sciences

Jawaharlal Nehru University
New Delhi, INDIA

The School of Life Sciences, JNU, and Indian Academy of Neuroscience (Delhi Local Chapter) are organizing a One-Day Workshop on

“From Neurons to Behavior”

April 21, 2022

Venue: School of Life Sciences, JNU, New Delhi-110067



One-Day Workshop on
“From Neurons to Behavior”

April 21, 2022, SLS, JNU, New Delhi-110067

Time	Topic	Speaker
9:30-10:00 AM	Registration and Inaugural session	
10:00-11:00 AM	Keynote Lecture	Dr. Anirban Basu, NBRC, Manesar
11:00-11:20 AM	The role of Adult Neurogenesis and Sleep in Memory Consolidation	Ms. Shweta Tripathi, SLS, JNU
11:20-11:40 AM	The role of hippocampal circuit reorganization in memory consolidation	Ms. Kanishka, SLS, JNU
11:40-12:00 AM	The role of non-coding RNAs in Cognition	Ms. Namrata, SLS, JNU
12:00-12:20 PM	Cellular senescence in the ageing brain: A	Mr. Manas, SLS, JNU

	promising target for neurodegenerative diseases	
12:20-12:40 PM	Post-traumatic Epilepsy: an overview and future therapeutics	Dr. Chandra Prakash, SLS, JNU
12:40-12:50 PM	Vote of thanks	Ms. Deepali and Ms. Nashia
Lunch Break (12:30- 1:30 PM)		
Laboratory Session (Demonstration)		
1:30-5:00 PM	Neuronal arborization sprouting, and Adult Neurogenesis	Ms. Shweta Tripathi, SLS, JNU
	Stereotaxic surgery	Ms. Kanishka, SLS, JNU
	Cryo-sectioning	Ms. Deepali and Ms. Nashia, SLS, JNU
	Polysomnographic recordings of sleep and wakefulness (EEG and EMG)	Mr. Yogendra Kumar, SLS, JNU

	PolysVIEW16 recordings of epileptic seizures	Ms. Jharana Das, SLS, JNU
	Morris-water maze & Open-field test	Ms. Jyoti Tyagi & Ms. Jyoti Suryavanshi SLS, JNU
	Contextual-fear conditioning	Ms. Namrata, SLS, JNU