

IBRO-APRC Georgian School of Neuroscience

Scientific Program (all times in UTC+4)

21-24 August, 2021

Tbilisi, Georgia

SATURDAY, 21 AUGUST		
Time:		
10:00-10:30	Opening Chairman's Welcome Message	Dr. Nasrollah Moradikor (Welcome Message), Prof. Dr. Nanuli Doreulee (Neuroscience in Georgia)
10:30-11:00	Promotion of APRC funding opportunities and future activities	Assoc. Prof. Dr. Pike-See Cheah (IBRO-APRC Chair)
11:00-11:30	"Research Ethics and Scientific Integrity in Neuroscience"	Prof. Dr. Nanuli Doreulee , Professor, Head of Human and Animal Physiology, Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia
11:30-12:30	Clinical EEG and EEG Database Keynote Lecture (Panel Discussion)	Prof. Dr. Irma Khachidze , Ivane Beritashvili Center of Experimental Biomedicine, 14 Gotua Str., Tbilisi, Georgia
12:30-14:00	Break	Break
14:00-15:00	Introduction to Electrophysiological Recording in Laboratory Animals Keynote Lecture (Panel Discussion)	Prof. Dr. Parham Reisi , International Center for Neuroscience Research, Institute for Intelligent Research, Tbilisi, Georgia
15:00-15:30	"Astrocyte calcium signaling: a measure of astrocyte activity?"	Dr. Jillian Stobart , Assistant Professor, College of Pharmacy, Rady Faculty of Health Sciences, University of Manitoba, Canada
15:30-17:00	(Oral/Poster Presentation by participants)	(Poster Presentation by participants)
SUNDAY, 22 AUGUST		
10:00-10:30	"Neuroprotective potential of Indian medicinal plants and their bioactive compounds against Parkinson's Disease."	Prof. Dr. Surya Partap Singh , Professor & Head, Department of Biochemistry, Institute of Science,

		Banaras Hindu University Varanasi, India
10:30-11:00	Regulation of NMDA by their co-agonists: from physiology to pathology	Prof. Dr. Jean-Pierre Mothet, Director of Research at CNRS, 'Biophotonics and Synapse Physiopathology', Laboratoire Aimé Cotton, CNRS-ENS Paris Saclay, France
11:00-11:30	AD: Tasteful and Flavorful Neuroscience	Dr. Wael Mohamed, Assistant Professor, Clinical Pharmacology Dept, Menoufia Medical School, Menoufia University, Egypt
11:30-12:00	"REST-less" in sporadic Alzheimer's disease model derived from APOE4-human induced pluripotent stem cells (hiPSCs)	Dr. Michael Kh Ling, Associate Professor in Genetics and Neurosciences, Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia
12:30-14:00	Break	Break
14:00-14:30	Development of novel therapeutics for the treatment of choline-related inherited neurodegenerative diseases	Dr. Mahtab Tavasoli, Postdoctoral Researcher, Atlantic Research Centre, University of Dalhousie, Halifax, NS, Canada
14:30-15:00	Natural products as a potential therapy in neurodegeneration	Dr. Jaya Kumar, Department of Physiology, Faculty of Medicine, National University of Malaysia, 56000 Kuala Lumpur, Malaysia
15:00-15:30	Considerations of drug formulation to overcome the blood-brain barrier	Dr. Abd Almonem DOOLAANEA, Department of Pharmaceutical Technology, Faculty of Pharmacy, International Islamic University Malaysia (IIUM), Pahang, Malaysia
15:30-17:00	(Oral/Poster Presentation by participants)	(Poster Presentation by participants)

MONDAY, 23 AUGUST

10:00-11:00	"How to make a Hippocampus" Keynote Lecture (Panel Discussion)	Prof. Dr. Shubha Tole, Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai, India
11:00-11:30	Effect of orexin-2 and endocannabinoid-1 receptors blockade on neuronal activity of hippocampal CA1 and medial prefrontal cortex in response to tramadol in rats	Prof. Dr. Parham Reisi, Department of Physiology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
11:30-12:00	The role of bursts in sensory differentiation in the neural networks of dissociated cortical culture	Dr. Cezar Goletiani, Free University of Tbilisi, Institute of Cognitive Neurosciences, Kakha Bendukidze University Campus, Tbilisi,

		Georgia
12:30-14:00	Break	Break
14:00-14:30	Perceptual learning and effect of training on perception in aging	Dr. Khatuna Parkosadze, Ivane Beritashvili Center of Experimental Biomedicine, 14 Gotua Str., Tbilisi, Georgia
14:30-15:00	Temporal adaptation abilities in children with dyslexia	Dr. Marina Kunchulia, Ivane Beritashvili Center of Experimental Biomedicine, 14 Gotua Str., Tbilisi, Georgia
15:00-15:30	Diverse feeding plans are associated with conserved modulatory system in invertebrate phyla	Dr. Magda Alania, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia
15:30-16:00	How does the CNS respond to pain?	Dr. Sasan Gazerani, Department of Medical Basic Sciences, Saveh University of Medical Sciences, saveh, Iran
16:00-17:00	(Oral/Poster Presentation by participants)	(Poster Presentation by participants)
17:00	Closing Ceremony	Closing Ceremony
TUESDAY, 24 AUGUST		
10:00-13:00	EEG/ERP Recording and Analysis Workshop (Panel Discussion)	Dr. Raphaël Fargier, Ph.D. in Cognitive Neuroscience, Université Claude Bernard Lyon 1, France
15:00-18:00	Multi-channel/Multi-unit Recording in Behaving Mice Workshop (Panel Discussion)	Dr. Touqeer Ahmed, Associate Professor and HoD National University of Sciences and Technology (NUST)

Join Zoom Meeting:

<https://us06web.zoom.us/j/88476879285?pwd=QmlaRnA3aDRwTFVCa1I2SkFxYXNhZ09>

Meeting ID: 884 7687 9285

Passcode: 726672