

NEURO 2024

INTERNATIONAL NEUROSCIENCE CONGRESS



28-30 NOVEMBER, 2024



**IVANE JAVAKHISHVILI TBILISI STATE UNIVERSITY
TBILISI, GEORGIA**



P R O G R A M



THURSDAY, 28 NOVEMBER

Time:	
08:30-09:00	ARRIVAL AND REGISTRATION
09:00-09:15	Opening Remarks Nasrollah Moradikor, Wael Mohamed (Welcome Messages)
09:15-10:00	Plenary Lecture: "Mind Over Matter: Navigating the Intersection of Mental Health and Chronic Disease Adherence" (Nino Okribelashvili, Georgia)
10:00-10:30	COFFEE BREAK - (NEURO-ARTS DISPLAY)
10:30-12:00	SESSION 1: (Chairs: Jean-Pierre MOTHET, Ines Bini , Gela Beselia)
BASIC NEUROSCIENCE MODULE	Keynote Lecture: "NMDA receptors co-agonism and excitatory drive of prefrontal fast-spiking GABAergic interneurons" (Jean-Pierre MOTHET, France)
	"The effects of Aticaprant, a κ -opioid receptor antagonist in stress-induced deficits in mood and cognition" (Alexandra Symeonof, Greece)
	Invited Lecture: "Exploring Cognitive Functions Through Animal Behavioral Tests" (Gela Beselia, Georgia)
12:00-12:30	QUIZ COMPETITION
12:30-13:30	LUNCH
13:30-15:30	SESSION 2: WORKSHOP (Chair: Maryam Nourbakhsh)
WORKSHOP	Plenary Lecture: (Panel Discussion) "Neuro Photobiomodulation on Brain Disorders"(Maryam Nourbakhsh, Iran) "Workshop Practical Session"
	(Roundtable Discussion of Doctors with Students)
15:30-17:00	SESSION 3: (Poster Presentation By Participants-Part-1)

FRIDAY, 29 NOVEMBER

Time:	
09:00-10:00	REGISTRATION
10:00-11:00	Plenary Lecture: "Decoding Parkinson's: The Quest for Answers" (Wael Mohamed, Malaysia)
11:00-11:30	COFFEE BREAK - (NEURO-ARTS DISPLAY)
11:30-13:30	SESSION 4: (Chairs: Wael Mohamed, Toshihide Yamashita, Ines Bini)
CLINICAL AND TRANSLATIONAL MODULES (Each talk is 30 min)	Keynote Lecture: "Development of therapeutic strategies to repair neuronal network for the central nervous system diseases" (Toshihide Yamashita, Japan)
	Invited Lecture: "A Spark of hope: Targeting potassium channels for the treatment of Parkinson's Disease" (Ines El Bini Dhouib, Tunisia)
	Invited Lecture: "Assessment of the American Diagnostic Rating Scale before and after Neurofeedback Therapy in children with Attention Deficit Hyperactivity Disorder (ADHD)" (Elnur Rustamov and Narinj Rustamova, Azerbaijan)
13:30-14:30	LUNCH

14:30-16:00	SESSION 5: (Chairs: Wael Mohamed, Serdar Saritaş, Reetesh Riku)
CLINICAL AND TRANSLATIONAL MODULES (Each talk is 20 min)	Invited Lecture: "The effect of hepatic encephalopathy on cognitive functions of patients after living donor liver transplantation" (Serdar Saritaş, Turkey)
	Invited Lecture: "Impact of Neurocognitive and Psychophysiological Factors Among Indian Shooters" (Reetesh Riku, India)
	Executive function disorders in substance psychosis and schizophrenic patients (İsmail Reyhani, Turkey)
	Innovative neuroanatomy education and its clinical impact: A Prospective Cohort Study on Peripheral Nerve Surgery Outcomes at KFH Rwanda (RUTAYISIRE François Xavier, Rwanda)
16:00-17:30	SESSION 6: FORUM (Grant Hunting: Tips and Tricks) Chair: Wael Mohamed Panelist: Ines Bini, Toshihide Yamashita, Jean-Pierre MOTHET
17:30-18:30	(Roundtable Discussion of Doctors with Students)
17:30-18:30	SESSION 7: (Poster Presentation By Participants-Part-2)

SATURDAY, 30 NOVEMBER

Time:	Keynote Lecture: "Bridging neuroscience and technology: Harnessing AI for neuroimaging and neurodegenerative diseases" (Indranath Chatterjee, UK)
10:00-11:00	
11:00-14:00	SESSION 8: (Chairs: Saleem Abdulrauf, Indranath Chatterjee, Tigran Ghevondyan)
NEUROSURGERY, NEUROTECHNOLOGY & COMPUTATIONAL NEUROSCIENCE	Plenary Lecture: "The Cutting Edge: How Neurosurgery Advances Are Redefining Our Knowledge of the Human Brain" (Saleem Abdulrauf, USA)
	"Prospects and limitations of non-contact recording of brain activity with an infrared camera" (Tigran Hakob Ghevondyan, Armenia)
	"Harnessing AI for Early Detection of Neurodegenerative Diseases through Medical Imaging" (Humera Azam, Pakistan)
	New attitudes for correction of neurodevelopmental disorders symptoms (Nino Maziashvili, Georgia)
	Unmasking the Unexpected: Postoperative Venous Pseudoaneurysm Following Torcular Meningioma Resection (Helia Mohammadaein, Turkey)
14:00-15:00	LUNCH
15:00	CLOSING CEREMONY

Poster Presentation Schedule:**THURSDAY, 28 NOVEMBER (PART-1)**

Time: 15:30-17:00	Presentation Title:	Abstract ID
Ugochukwu Samuel Aguwa	Exploring a novel colourtherapy neurobehavioural model in wistar rats	2024-1011
Netra Agarwal	CRISPR and Brain Disorders: A Frontier in Therapeutic Advances	2024-1014
Faiza Bahdur Khan	A microglia targeted therapy in neuroinflammation for alzheimer's patients	2024-1019
Nahid Davoodian	Prenatal quercetin supplementation improves working memory impairment and hippocampal astrocyte activation induced by lipopolysaccharide in an animal model of schizophrenia	2024-1025
Murtaja Satea Shafeea	Systematic Review of the Impact of Ischemic Microenvironment on Glioblastoma Progression: Unraveling the Interplay between Hypoxia, Angiogenesis, and Tumor Cell Invasion	2024-1033
Dilan Sathi Prakasan	A Novel Deep Learning Approach for Accurate Brain Tumor Detection and Localization	2024-1035
Maryam Farrahizadeh	Effects of chronic acamprosate in an animal model of anxiety and depression induced by salicylate	2024-1041
Khushii Pradhaan	The Power of GENUS (Gamma Entrainment) in Revolutionizing Alzheimer's Treatment	2024-1044
Jessica Annamalai	Sharper Vision, Safer surgery: Exploring the Clinical Impact of Augmented Reality in Neuro-oncology	2024-1045
Carlos Vasconcelos	Acoustic non-periodic stimulation (ANPS), a sound created to oppose epilepsy, activates the cortical dorsal but not ventral pathway	2024-1046
Kaitlyn Sharon	Robotic Stereotactic Assistance (ROSA) for Epilepsy Treatment	2024-1047
Mina Ahmadzadeh	An Improving intervention program for the symptoms related to Mourn and burnout in caregivers of Alzheimer's patients	2024-1053
Matthew-Zane Lloyd Broderick	Stress and Sleep: What's the Link?	2024-1060
Mohammad Reza Emami	Stem cell therapy in degenerative disk disease	2024-1064

FRIDAY, 29 NOVEMBER (PART-2)

Time: 17:30-18:30	Presentation Title:	Abstract ID
Nahid Davoodian	The evidence for Th2 shift in patients with acute-phase schizophrenia	2024-1032
Sandra Merin Saji	Trigeminal neuralgia: efficacy of gamma knife surgery vs microvascular decompression	2024-1056
Arusha Ayub	Therapeutic Potential of the Microbiota-Gut-Brain Axis in	2024-1058

	Neurodegenerative Diseases: A Comprehensive Review	
Seelam Radhika	Neuro AI: Leveraging Deep Learning to Map Neurodegenerative Disease Progression and Therapeutic Response	2024-1062
Mohammad Reza Emami	The role of artificial intelligence in management of chronic pain	2024-1066
Farhad Islam	Revolutionizing Skull Base Tumour Resection: The Role of Pulsed Laser-Induced Liquid Jet in enhancing Neurovascular Preservation	2024-1067
Muhammed Rasmil Manalil Kandy	Brain-derived neurotrophic factor in central nervous system myelination: a novel approach to enhance myelin adaptation and restoration	2024-1068
Nikolay Yordanov	Incorporating robotics in neurosurgical stereotactic procedures: are we missing the point or getting closer to it?	2024-1069
Ahmed Usama Rizvi	Liquid Biopsies for Early Detection of Brain Tumours	2024-1070
Ynah Joyce Leries Orna	From Deli Meats to Meningitis: Listeria Infection in a Multiple Myeloma Case Report	2024-1071
Keerthana Shri Renganathan	From Challenges to Solutions: Nanotech's Role in Epilepsy Care	2024-1072
Jubran Al Hooti	Comparative Analysis of Early Stroke Risk in Endovascular Coiling Versus Surgical Clipping for Intracranial Aneurysm Management: A Systematic Review and Meta-analysis	2024-1073

Venue: [Link](#)

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