



Basic and Clinical

14th NEUROSCIENCE Congress 2025

Program at a Glance

	Wednesday, 10 December					Thursday, 11 December					Friday, 12 December			
Hall/Time	8:00-9:30	10:00-12:00	13:00-14:30	14:45-16:15	16:30-18:00	8:00-9:30	10:00-12:00	13:00-14:30	14:45-16:15	16:30-18:00	8:00-9:30	9:45-11:15	11:30-13:00	1300-13:30
1	Panel: Myth and Brain Evolution Abdorreza Naser Moghadasi	Opening Ceremony Maghsoud Farasatkah	Panel: Nanoneurosurgery and Personalized Medicine Alireza Zali	Invited Speakers 1 Ali Jahanshahi, Hamed Ekhtiari, Hamid Mostafavi	Invited Speakers 2 Ali Mohebi, Seyed Hossein Fatemi, Martin Mazyar Mortazavi	Invited Speaker 3 Mayram Vaziri Pashkam, Neda Nategh	Invited Speakers 4 Reza Ebrahimpour, Zeynab Barzegar, Fatemeh S. Mirfazeli, Peyman Abharian	Panel: Pharmacogenetic for Personalized Medicine in the Context of CNS Drugs: Impact of Pharmacogenomics on Neurological Disorders for Personalized Medicine Massoumeh Jorjani	Panel: Social Neuroscience Hamidreza Pouretamad	Invited Speaker 5 Reza shadmehr, Magaret MCCarthy	Panel: Is There any Method Superior to the Therapists Experience and Knowledge for Predicting the Effects of Psychotherapy Amir Abbas Keshavarz-Shervin Vakili	Panel: Neuroscience and Iraninan Self: An Interdisciplinary Approach Shervin Vakili	Invited Speakers 6 Mirfarhad Ghalehbandi, Hamed Tabatabaei Ghomi	Closing and Award Ceremony
2	Between Minds and Nations: The Neural Story of Trust Alireza Nouri		Panel: The Social Brain, Resilience, and Social Fatigue Mohsen Roshanpajoo	Workshop: Boosting Learning & Cognitive Enhancement: NIBS for Students, Athletes, and Older Adults MedinaTeb Co.	Panel: Towards Personalized Neurostimulation in Cognitive and Clinical Neuroscience Hamed Ekhtiari	Panel: Hemorrhagic Stroke: From Pathophysiology to Recovery – Bridging the Gap Between Damage and Healing Mehdi Farhoudi	Panel: Neuroethical Considerations for Precision Medicine and Machine Learning in Research and Clinical Works Hamidreza Namazi	Panel: 7th Annual Report on the Iranian Practical Experience of Stem Cells Therapy in Neurological Diseases; Creating a Scientific, Appropriate, and Referable Platform for Artificial Intelligence to Improve the Accuracy of AI-based Responses for Ordinary Users Bitu Shalbafan	Film Screening and Review (1) Abdorreza Naser Moghadasi	Film Screening and Review (2) Abdorreza Naser Moghadasi	Oral Presentations: AI in Neuroscience	Panel: Personalized Treatment of Brain Tumors Amin Jahanbakhshi	Panel: Artificial Intelligence and Precision Medicine Nasibeh Rady Raz	
3	Panel: Mechanisms and Modulations of the Brain's Clock: From Early Life Stress to Artificial Intelligence Behzad Garmabi		Oral Presentations: Aging and Dementia	Panel: Precision Medicine in Dementia Ramin Nilforooshan, Behnam Shariati	Experiences: Women Neuroscientists in Iran Mohammad Rohani	Panel: Recent Advances in the Identification of Early Biomarkers and Innovative Therapeutic Strategies in Movement Disorders Mohammad Rohani	Panel: Cognitive Dysfunction in Parkinson Disease Gholamali Shahidi	Panel: Recent Advances and Insights in Deep Brain Stimulation: From Mechanisms to Clinical Applications Mansour Parvareh	Panel: Frontotemporal Mechanisms of Cognitive Control Mohammad Reza Abolghasemi Dehaqani	Panel: Personalized Medicine Across the Neurological Disorders Farzad Sina	Panel: Brain-Computer Interface (BCI) Abbas Erfanian	Panel: Mirror Neurons in Personalized Cognitive Rehabilitation Behnam Jameie	Panel: Neuroinflammation Mahmoud Hosseini	
4	Young Investigator Award Candidates (1)		Experts Panel: Neuropsychiatry	Panel: Studies in Neuropsychanalysis: Theoretical, Empirical, and Clinical Explorations Abbas Bakshshipour	Panel: “Free Will, Criminal Responsibility, and the Brain: Interdisciplinary Perspectives from Philosophy and Neuroscience” Kambiz Banihashemi	Experts Panel: Neurodegenerative Models	Panel: Consciousness, Philosophy, Physics, and Neuroscience Majid Beshkar	Fast Presentations	Experts Panel: Neurological Interventions	INSS Meeting	Experts Panel: Cognitive Interventions	Experts Panel: Neurodevelopment Models	Experts Panel: Neural Cell Regeneration	
5	Poster Presentations: Ahvazi Award Candidates (1)		Panel: Decoding the Creative Brain: Advances in Neuroscience Shaghayegh Chitsaz	Panel: The Microbiota-Gut-Brain Axis Seyed Davar Siadat	Panel: The Empathic Clock: How Time, Sleep, and Emotion Shape the Social Brain Hamed Ghazvini	Panel: The Role of Neuroimaging in Diagnosis and Personalized Medicine Mehran Arab Ahmadi	Workshop: Synergistic Brain Stimulation and Recording Technologies: The Next Generation of Combined TMS Mavaranegar Co.	Panel: Filling the Gaps in Social Hierarchy Research: Human and Animal Insights into Moral Judgment, Dishonesty, and Decision-Making Soomaayeh Heysieattalab	Panel: Mysterious Brain: Classic or Quantum Physics? Seyed Amir Hossein Batouli	Resident Panel Farzan Fahim	Oral Presentations: Neural Injuries	Panel: Advanced Therapies in Movement Disorders Maziar Emamikhah	Panel: Non-invasive Brain Stimulation with EEG and AI: A data-driven, Safe Path to Personalized Neuromodulation Reza Daneshmand	
6	Oral Presentations: Neuroexiability and Neurodegeneration		Panel: Precision Language Care: Mapping, Patient Priorities, and Personalized Recovery Jean-Marie Annoni	Young Investigator Award candidates (2)	Panel: Neuroscience, Anesthesiology, and Personalized Medicine Ali Dabbagh	Panel: Exosomes as Next-Generation Neurotherapeutics: From Disorders Involving Cognition to Spinal Cord Injury Abbas Ebrahimi Kalan	Panel: Transgenerational Trauma Symposium Amir Shabani	Panel: Early Rehabilitation Interventions from a Neuroscientific Perspective Vahid Bayati	Panel: Presurgical Planning and Cognitive Network Reorganization in Temporal Lobe Epilepsy: Integrating Neuroimaging, Machine Learning, and Cognitive Assessment Alireza Fallahi	Oral Presentations: Cognitive Problems and Rehabilitation	Neuroscience in Medical Education Mahsa Sepahvand	Workshop: Brain PHOTOBIMODULATION Focus on Neurodegenerative Disorder's Ahmad Shaker Hosseini	Panel: Traumatic Brain injury Ali Siahposht-khachaki	
7			Workshop: Photobiomodulation in Neurology and Neuroscience (Low-Level Laser Therapy in the Brain) Manshoor Kherad Co.	Panel: Epigenetic Neurodevelopment: From Environmental Influences to Precision Medicine Narjes Jafari	Workshop: Rethinking z-score-based QEEG: Heterogeneity, Thresholding, and the Reliability Problems in Clinical Diagnosis NPCindex Co.	Poster Presentations: Ahvazi Award Candidates (2)	Panel: Advanced Biological Neuromarkers and Precision Medicine: Toward Innovative Diagnosis and Treatment Fereshteh Azedi	Workshop: Barin Mapping : From Neurophysiological Biomarkers to Clinical Diagnosis Parto Danesh Co.	Workshop: From Signal to Setup: Translating Digital Biomarkers into tES/TMS Dose, Site, and Montage MedinaTeb Co.	Workshop: Assessment of Brain Lobes: From Clinical Examination to Neuropsychological Testing through Case-Based Learning Reza Panahi	Oral Presentations: Addiction	Panel: Enhancing Cognitive Flexibility Through Noninvasive Neuromodulation: Current Evidence and Future Directions Leila Hosseini	Social Neuroscience Platform; Polarized Brains, Shared Futures Mohammad Khademi	