

BCNC2025 Daily Program

Wednesday, 10 December

8:00-9:30 - Hall 1	Panel: Myth and Brain Evolution	
	Abdorreza Naser Moghadasi - Sajad Sahab Negah	
	Myth and Brain Evolution	Abdorreza Naser Moghadasi
	Myth and Brain Evolution	Sajad Sahab Negah
8:00-9:30 - Hall 2	Panel: Between Minds and Nations: The Neural Story of Trust	
	Mohammad Khademi - Alireza Noori - Babak Zamani - Mahdi Mahdavi Zahed	
	Between Minds and Nations: The Neural Story of Trust	Mohammad Khademi
	Between Minds and Nations: The Neural Story of Trust	Alireza Noori
	Between Minds and Nations: The Neural Story of Trust	Babak Zamani
	Between Minds and Nations: The Neural Story of Trust	Mahdi Mahdavi Zahed
8:00-9:30 - Hall 3	Panel: Mechanisms and Modulations of the Brain's Clock: From Early Life Stress to Artificial Intelligence	
	Behzad Garmabi - Shima Mohammadi - Tayebah Mohtashami - Alieh Bashghareh - Leila Karimi- Zandi - Kia Garmabi	
	Fundamentals of Circadian Rhythms and Emerging Roles of Artificial Intelligence in Their Study	Behzad Garmabi
	Circadian Rhythm Disorders and Depressive-like Behaviors	Shima Mohammadi
	Evaluation of the Munich Chronotype Questionnaire (MCTQ) in the Circadian Rhythm Disorder Model	Tayebah Mohtashami
	Circadian Variation in Ischemia Induction	Alieh Bashghareh
	Early Life Stress and Circadian Disruption	Leila Karimi- Zandi
	Circadian Rhythms in Brain Functional Connectivity: A Resting-State fMRI Study	Kia Garmabi
8:00-9:30 - Hall 4	Young Investigator Award Candidates (1)	
	Arash Zare Sadeghi - Razieh Soltani - Esmaeil Riahi - Mohammad javad Eslamizadeh - Abdolhossein Vahabi - Glareh Vahabzadeh	
	Investigating the Amplitude of the P1 Component in Multisensory Information Processing during Decision-Making in the Central-Frontal Regions of Brain	Kosar Abbaspour
	Practical Neuroimaging of glial-derived brain tumors: Insights into MRI protocols	Atena Dehghannayeri
	Motivational Salience Beyond Valence: Reward and Penalty Histories Enhance Visual Search Efficiency	Sara MotiBirjandi
	The Relationship Between Flexibility and Inference in Reward Learning	Javad Khodadoost
	Cognitive Flexibility and Its Impact on Rumination: An Objective Evaluation Through 4 Cognitive Flexibility tests	Mohammad Jowkar
	Intelligent Closed-Loop Cranial Electrotherapy Stimulation: A Randomized Trial of EEG- and Machine Learning–Guided Treatment for Depression	Asma KhosraviNajafAbadi
	Exploring Creative Cognition: Hallucinatory VR Alters Frontal Alpha Dynamics in Creative Thinking	Sepideh Sakhaeifar

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	Face Representation in the Frontal Eye Field of Rhesus Monkeys	Kiarash Yousefabadi
8:00-9:30 - Hall 5	Poster Presentations: Ahvazi Award Candidates (1)	
8:00-9:30 - Hall 6	Oral Presentations: Neuroexcitability and Neurodegeneration	
	Fereshteh Golab - Yaser Azizi - Ayoub Rostamzadeh - Shima Tavakol - Manya Asgharpour	
	Harnessing Personalized Immunology: Intranasal Autologous Conditioned Serum Ameliorates Stroke-Induced Behavioral and EEG Abnormalities	SAREH KAZMI
	The Effects of Seizures on Sperm Parameters and Sperm DNA Damage	Ramin Ahmadzadeh
	Investigating the Combined Effect of Aerobic Exercise and Topiramate on Effective Drug Dosage, 5-HT _{1A} Receptor Changes, and Depressive-like Behavior in a Pentylentetrazol-Induced Seizure Model	Ghazaleh Goudarzi
	The evaluation of small molecules' effects on self-renewal and differentiation of neural stem cells into inhibitory neurons and the assessment of transplantation in a rat temporal lobe epilepsy model	Javad Momeni
	Therapeutic Potential of Platelet-Rich Plasma-Derived Exosomes Loaded with Dexamethasone for Attenuating Apoptosis and Promoting Spinal Cord Repair in Mice	Naeimeh AkbarGharalari
	The protective role of β -hydroxybutyrate against behavioral and inflammatory alterations induced by high-fat diet and CFA in male rats	Marziyeh Zarin
	The Effect of Chitosan-Polyethylenoxid Scaffold with Mesenchymal Stem Cells on the Repair of Damaged Sciatic Nerve in Wistar Rats	Asgar Emamgholi
	Comparative effects of 3-o-acetyl-11-keto-beta-boswellic acid (AKBA) on neurogenic potential of dentate gyrus-derived neural progenitor cells (NPCs) from young adult and aged rats: An invitro study	Mina Afhami
8:00-9:30 - Hall 7	Panel: Epigenetic Neurodevelopment: From Environmental Influences to Precision Medicine	
	Narjes Jafari - Mohsen Javadezadeh - Mohammad Zanuzy Rad - Reza Shervin Badv - Esmail Shahsavand - Mahmoud Mohammadi	
	The Pivotal Role of Environmental Influences in Shaping Brain Development, During Critical Periods of Growth	Narjes Jafari
	The Evidence Linking Environmental Factors to Epigenetic Modifications and the Emergence of ADHD	Mohsen Javadezadeh
	The Connection between Early Environmental Exposures and Epigenetic Changes Associated with Autism Spectrum Disorder	Mohammad Zanuzy Rad
	The Fundamental Principles of Epigenetics in Typical and Atypical Neurodevelopment, How These Mechanisms Are Linked to Behavioral Disorders.	Reza Shervin Badv
	How Genetic Predispositions and Epigenetic Influences Converge to Cause Developmental and Behavioral Disorders	Esmail Shahsavand
	Epigenetic Neurodevelopment: From Environmental Influences to Precision Medicine	Mahmoud Mohammadi

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10:00-12:00 Hall 1	Opening Ceremony	
	Chairman's Welcome Message	Mohammad Taghi Joghataie
	Scientific Secretary Report	Masoumeh Jorjani - Amir Abbas Keshavarz Akhlaghi
	The Ritual of Honoring the Neuroscience Mentors	Congress Board
	Awards Announcement	Congress Board
	Thinking and Technique in the Post-Cognitive Era the Importance of Agency at Border	Maghsoud Farasatkah
13:00-14:30 Hall 1	Panel: Nanoneurosurgery and Personalized Medicine	
	Alireza Zali - Milad Rahimzadegan - Nikoo Hossein-Khannazer - Mahboubeh Bohlouli - Sara Rahmati Roodsari - Niloofar Yousefi	
	Application of Nano in Neurosurgery	Alireza Zali
	Application of Nanodrugs and Nanocarriers in the Treatment of Neurological Diseases	Milad Rahimzadegan
	Role of Organoids in Clinical Decision Making	Nikoo Hossein-Khannazer
	Role of Cell and Gene Therapy in Neurosurgery	Mahboubeh Bohlouli
	From Nano to Neuro: How Will Artificial Intelligence Transform the Future of Neurosurgery?	Sara Rahmati Roodsari
	Role of Tissue Engineering Products in Neurosurgery	Niloofar Yousefi
13:00-14:30 Hall 2	Panel: The Social Brain, Resilience, and Social Fatigue	
	Mohsen Roshanpajoo - Mehrdad Ehterami - Asiyeh Rezaei Niyasar - Seyedeh Fatemeh Fardmostafavi	
	The Resilient Social Brain: Coping with Collective Stress and Fatigue	Mehrdad Ehterami
	Social Brain in Context: Environmental Stressors and the Neural Cost of Social Adversity	Asiyeh Rezaei Niyasar
	The Social Brain and Addiction: A Q-Learning Perspective on Maladaptive Reward Learning	Seyedeh Fatemeh Fardmostafavi
	Policies That Build or Deplete: A Psychoanalytic Reading of Policy-Making, Resilience, and Societal Burnout	Mohsen Roshanpajouh
13:00-14:30 Hall 3	Oral Presentations: Aging and Dementia	
	Mehdi Mehdizadeh - Alireza Sarkaki - Maryam Zahmatkesh - Farnaz Nikbakht - Tourandokht Balouchnezhad	
	Investigation of the Capillary Structure of Hippocampal Tissue from Healthy Rats Following Endurance Training	Fariba Gudarzi
	An Integrated Data Analysis of mRNA, CircRNA and Signaling Pathways in inflammation-correlated Alzheimer	Ehsan Rezaei
	Comprehensive Overview of Pro-Inflammatory and Pro-Survival Mechanisms in Neuroinflammatory Pathways and Neurodegeneration	Mahsa Ghodsi
	A Comparative Evaluation of Error Processing Performance in Patients with Alzheimer's Disease, Individuals with Mild Cognitive Impairment, and Normal Control	Mohammad Hedayatjoo

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	Multi-Omics and neuroimaging insights into synaptopathy of the Posterior cingulate cortex in early Alzheimer's disease	Auob Rustamzadeh
	Frontotemporal Network Dynamics in Contextual Representation	Faezeh Shafiei
	Aging and Alzheimer's: Understanding the Neurodegenerative Link	Somayeh Dashti
	The role of self-care ability as a mediator in the relationship between health literacy and quality of life among older adults	Badriyeh Karami
	Decoding the Molecular Landscape of Chorea-Acanthocytosis through Integrated Exome Sequencing and Protein Interaction Network Analysis	Vadieh Ghodsinezhad
13:00-14:30 Hall 4	Experts Panel: Neuropsychiatry	
	Leila Kashani Vahid - Hamidreza PazokiToroudi - Mahtab RoohiAzizi - Sasan Gazerani - Sima Abazari - Mohammadjavad Hoseinpoufard	
	The effectiveness of a cognitive-visual-motor- electronic training package, "Neuro-light", on behavior problems of children with attention deficit and hyperactive disorder	Leila Kashani Vahid
	Association between cytomegalovirus infection and neurological disorders: a systematic review	Hamidreza PazokiToroudi
	Citicoline as an Adjunctive Therapy in Major Depressive Disorder (MDD)	Mahtab RoohiAzizi
	Effect of gut microbiome on brain disorders: New horizons in the treatment of brain disorders	Sasan Gazerani
	The effect of exercise on increasing intelligence and students cognition	Sima Abazari
	An AI-driven, pulse-regulated abdominal breathing application using Rehacore software for drug-resistant PTSD patients	Mohammadjavad Hoseinpoufard
13:00-14:30 Hall 5	Panel: Decoding the Creative Brain: Advances in Neuroscience	
	Shaghayegh Chitsaz - Reza Mosmer - Meysam Sadeghi	
	The Philosophy of Creativity: The Paradox of Rule-Following	Reza Mosmer
	The Architecture of the Creative Mind: Neural Networks and the Secrets of Creativity	Shaghayegh Chitsaz
	Criteria of the Creative Mind: New Cognitive Approaches to Creativity Assessment	Meysam Sadeghi
13:00-14:30 Hall 6	Panel: Precision Language Care: Mapping, Patient Priorities, and Personalized Recovery	
	Jean-Marie Annoni - Narges Radman - Moloud Sadat Safavi	
	A Global Multilingual Co-Creation of Aphasia Topics Priorities through Patient and Public Involvement	Jean-Marie Annoni
	Personalized Functional Mapping of Language with nTMS & DES in Brain Tumor Patients	Moloud Sadat Safavi
	From Map to Meaning: Personalized Prognosis and Care after Language Injury	Narges Radman
13:00-14:30 Hall 7	Workshop: Photobiomodulation in Neurology and Neuroscience (Low-Level Laser Therapy in the Brain)	Manshoor Kherad Co.

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14:45-16:15 Hall 1	Invited Speakers 1	
	Abbas Haghparsat - Mohammad Javan - Ali Rashidy-pour	
	Neuromodulation and brain stimulation through material science and nanotechnology.	Ali Jahanshahi
	Precision Circuit-level Brain Therapeutics in the Era of AI	Hamed Ekhtiari
	Epigenetics, Microbiom and Neuropsychiatric Disorders	Hamid Mostafavi
14:45-16:15 Hall 2	Workshop: Boosting Learning & Cognitive Enhancement: NIBS for Students, Athletes, and Older Adults	MedinaTeb Co.
14:45-16:15 Hall 3	Panel: Precision Medicine in Dementia	
	Behnam Shariati - Vahid Rashedi - Mohammad Arbabi	
	AI Integrated Health in Dementia	Ramin Nilforooshan
	From Biomarker to Clinical Diagnosis	Behnam Shariati
	Personalized Non-Pharmacological Interventions for Dementia	Vahid Rashedi
	Brain Stimulation and the Future of Precision Treatment in Dementia	Mohammad Arbabi
14:45-16:15 Hall 4	Panel: Studies in Neuropsychanalysis: Theoretical, Empirical, and Clinical Explorations	
	Abbas Bakhshipour Roudsari - Javad Farshbaf-Zivari - Mohammad Abarghouei - Araz Motallebzadeh	
	The Default Mode Network and Its Relation to Psychopathology: A Review from a Neuropsychanalytic Perspective	Abbas Bakhshipour Roudsari
	A New Approach to the Hard Problem of Consciousness: Neuropsychanalysis Proposes an Economic Explanation	Javad Farshbaf-Zivari
	Conscious and Unconscious: From Freud to Northoff	Mohammad Abarghouei
	Containment in Psychoanalysis and Nestedness in Neuropsychanalysis: The Container and the Contained as a Metaphysical Relational Pattern	Araz Motallebzadeh
14:45-16:15 Hall 5	Panel: The Microbiota-Gut-Brain Axis	
	Seyed Davar Siadat - Mohammd Nasehi - Morteza Aliashrafi - Hakimeh Zali	
	The Role of the Gut Microbiome–Brain Axis in Cognitive Impairments	Mohammd Nasehi
	Psycho-pharmacomicrobiomics: Exploring the Interaction Between Psychiatry, Pharmacology, and the Microbiome	Seyed davar Siadat
	The Gut Microbiome–Brain Axis and the Serotonin Neurotransmitter	Morteza Aliashrafi
	Impact of Gut Microbiota Dysbiosis on Cognitive Function in Metabolic Syndrome	Hakimeh Zali

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14:45-16:15 Hall 6	Young Investigator Award candidates (2)	
	Arash Zare Sadeghi, Razieh Soltani, Esmaeil Riahi, Abdolhossein Vahabi, Glareh Vahabzadeh	
	Visual attention modulation by the dopaminergic system in the medial prefrontal cortex (mPFC)	Amirhossein Darvish
	Local Intramuscular Myoblast Injection as a Novel Cell Therapy in Pediatric Dystrophinopathies: A Clinical Trial	Arastou Ghahremanzadeh
	The therapeutic effects of the olfactory ectomesenchymal stem cells-derived exosomes on the neurogenesis and synaptogenesis in the Alzheimer's disease rat model	Zahra Abroodi
	Investigating the effect of quercetin loaded on UIO-66 metal-organic framework on the expression of oxidative stress factors and myelin repair of brain tissue in cuprizone-induced demyelination model	Mohammad EbrahimiRanjbar
	Differential Effects of Low-Frequency rTMS and Continuous Theta Burst Stimulation on LIP	Sarah Pourtakdoust
	Collagen Scaffold Containing Gold-Quercetin Nanoparticles Attenuates Inflammation and Improves Sensorimotor Function in a male Rat Model of Unilateral Spinal Cord Injury	Mohammad Hossein Farhid
	Oxytocin Restores Social Behavior and Cortical Plasticity Impairments Induced by Early-Life Sensory Overstimulation: Implications for Autism Spectrum Disorder	Mozhan Parsa
	Photobiomodulation therapy: location-dependent effects on memory and recovery in male adult rats with spinal cord injury	Majid Kazemi
16:30-18:00 Hall 1	Invited Speakers 2	
	Amir Abbas Keshavarz Akhlaghi - Amin Jahanbakhshi - Reza Khosrowabadi - Mir Shahram Safari	
	Multi-timescale Processing of Reward Values	Ali Mohebi
	The Role of the Cerebellum in Emotional and Cognitive Processing in Autism Spectrum Disorder	Seyed Hossein Fatemi
	New strategies and promising treatments for brain tumors	Martin Mazyar Mortazavi
16:30-18:00 Hall 2	Panel: Towards Personalized Neurostimulation in Cognitive and Clinical Neuroscience	
	Hamed Ekhtiari - Peyman Ghobadi-Azbari - Ali Fathi Jouzdani - Shermin Sharifzadeh - Arash Khojasteh Zonoozi - Afra Souki	
	Why One-Size-Fits-All Doesn't Work in Brain Stimulation: The Need for Personalization	Peyman Ghobadi-Azbari & Hamed Ekhtiari
	Oscillatory Biomarkers for tACS: Integrating Evidence from EEG-Guided Frequency, Timing and Target Selection	Ali Fathi Jouzdani
	Connecting Signals and Stimulation: Reviewing the Role of EEG in Tailoring TMS	Shermin Sharifzadeh
	Personalizing TMS with fMRI: A Comprehensive Review of Targeting Strategies and Clinical Outcomes	Arash Khojasteh Zonoozi
	Shaping Deep Brain Targets with Precision: Evidence Synthesis of fMRI-Guided tFUS Neuromodulation	Afra Souki
	Individualized TMS Based on fMRI: Case Series of the SAINT Protocol in Depression in Iran	Peyman Ghobadi-Azbari
	From Biomarkers to Bedside: Roadmap for Precision Medicine in Neurostimulation	Peyman Ghobadi-Azbari & Hamed Ekhtiari

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16:30-18:00 Hall 3	Experiences: Women Neuroscientists in Iran	
16:30-18:00 Hall 4	Panel: “Free Will, Criminal Responsibility, and the Brain: Interdisciplinary Perspectives from Philosophy and Neuroscience”	
	Kambiz Banihashemi - Parya Abravani - Abdolrahman Najlerahim - Omid Karimzade - Amirhassan Niazipour	
	Etiology of Abnormal Behaviors from the Perspective of Molecular Genetics	Kambiz Banihashemi
	Embodied Freedom and the Issue of Capital Punishment	Abdolrahman Najlerahim
	The Fragile Balance Between Free Will and Moral Responsibility	Omid Karimzade
	The Criminological Approach to Free Will in the Process of Crime Commission	Amirhassan Niazipour
	Between Neurons and Choice: Functional Connectivity and the Question of Free Will	Parya Abravani
16:30-18:00 Hall 5	Panel: The Empathic Clock: How Time, Sleep, and Emotion Shape the Social Brain	
	Hamed Ghazvini - Behzad Garmabi - Shima Mohammadi - Hassan abbassian	
	The Neuroevolution of Empathy: How Evolution Wired the Brain for Compassion	Hamed Ghazvini
	The Empathy Deficit of Sleeplessness: Causal Links Between Poor Sleep and Reduced Social Sensitivity	Shima Mohammadi
	Circadian Dysregulation and Its Role in Psychiatric Disorders	Behzad Garmabi
	Social Memory and Emotion: Neural Pathways from Bonding to Breakdown	Hassan abbassian
16:30-18:00 Hall 6	Panel: Neuroscience, Anesthesiology, and Personalized Medicine	
	Ali Dabbagh - Masoud Nashibi - Mohammad Dehghan Tezerjani - Kamran Mottaghi - Seyed Sam Hosseinasab - Houman Teymourian	
	Neuroimaging-Guided Anesthesia: Personalizing anesthesia using fMRI/EEG	Masoud Nashibi
	Pharmacogenomics of Anesthetic Response	Mohammad Dehghan-Tezerjani
	Consciousness and Individual Brain Connectivity	Kamran Mottaghi
	BCI in Anesthesiology and Pain Medicine	Ali Dabbagh
	Personalized Pain Management: Tailoring Pain Relief via Neural Biomarkers	Seyed sam hosseinasab
	Neuroprotection and Individualized Risk Profiles	Houman Teymourian
16:30-18:00 Hall 7	Workshop: Rethinking z-score-based QEEG: Heterogeneity, Thresholding, and the Reliability Problems in Clinical Diagnosis	NPCindex Co.

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Thursday, 11 December

8:00-9:30 - Hall 1	Invited Speaker 3	
	Saeed Semnanian - Javad Mirnajafizadeh - Vahid Sheibani - Mohammad Ali Nazari	
	Seeing The World in Motion	Mayram Vaziri Pashkam
	Reading the brain in real time	Neda Nategh
8:00-9:30 - Hall 2	Panel: Hemorrhagic Stroke: From Pathophysiology to Recovery – Bridging the Gap Between Damage and Healing	
	Mehdi Farhoudi - Seyed Zanyar Athari - Saeed Sadigh Eteghad - Javad Mahmoudi - Fereshteh Farajdokht - Sara Salatin - Nayer Seyfizadeh	
	Hemorrhagic Stroke: Epidemiology, Global Burden, and Emerging Challenges	Mehdi Farhoudi
	Non-pharmacological Strategies in Hemorrhagic Stroke	Saeed Sadigh-Eteghad
	Animal Models of Hemorrhagic Stroke	Javad Mahmoudi
	Why Current Treatments Fail in ICH and the Need for Individualized Rehabilitation	Fereshteh Farajdokht
	Advances of Nanotechnology for Hemorrhagic Stroke	Sara Salatin
	Moving Toward Recovery: The Role of Exercise in Post- Hemorrhagic Stroke Brain Repair	Seyed Zanyar Athari
	Molecular Biomarkers in Hemorrhagic Stroke: Unlocking the Code of Brain Injury and Repair	Nayer Seyfizadeh
8:00-9:30 - Hall 3	Panel: Recent Advances in the Identification of Early Biomarkers and Innovative Therapeutic Strategies in Movement Disorders	
	Mohammad Rohani - Amir Hassan Habibi - Mehri Salari - Elahe Amini - Sadra Rohani - Tara Khoeini	
	Biomarkers in Parkinson's Disease	Amir Hasan Habibi
	Emerging Therapeutic Strategies in Huntington's Disease	Mehri Salari
	Next-Generation Dopaminergic Therapies: From Gene Therapy to Targeted Nanodelivery	Elahe Amini
	Focused Ultrasound (FUS) as a Non-Invasive Alternative to DBS in Movement Disorders	Sadra Rohani
	The Role of Gut Microbiota Modulation in Parkinson's Disease Progression and Therapy	Tara Khoeini
8:00-9:30 - Hall 4	Experts Panel: Neurodegenerative Models	
	Zeynab Pirmoradi - Neguine Rezaii - Maryam Farahmandfar - Fezzeh Hosseinzadeh - Nasrin Hosseini - Azadeh Mesripour	
	Ketamine Ameliorates Motor Deficits and Anxiety-Like Behavior in Essential Tremor	Zeynab Pirmoradi
	The voiceprint of cognitive impairment: Using Artificial Intelligence on Language to Detect Alzheimer's Disease and Related Dementias	Neguine Rezaii
	Combined Impact of Resveratrol Nanoparticles and Physical Activity on Cognitive Function in Alzheimer's Disease Model	Maryam Farahmandfar

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	The Role of Predictive Models in Alzheimer's Disease Using Hippocampal Molecular Biomarkers	Fezzeh Hosseinzadeh
	The Effect of a Chalcone derivatives on memory impairment in a scopolamine-induced rat model	Nasrin Hosseini
	Involvement of mice Hippocampus brain-derived neurotrophic factor (BDNF) in Diazinon-induced depressive behavior in mice	Azadeh Mesripour
8:00-9:30 - Hall 5	Panel: The Role of Neuroimaging in Diagnosis and Personalized Medicine	
	Mehran Arab Ahmadi - Aidin Taghiloo - Mohammad Ali Kazemi - Kavos Firouznia - Javad Sheikh Koohsar	
	The Role of Neuroimaging in Modern Neuroscience and Neuroimaging Biomarkers in Personalized Medicine	Aidin Taghiloo
	Neuroimaging in Modern Neuroscience, Clinical Applications and Case Studies	Mohammad Ali Kazemi
	Integrating Neuroimaging and Artificial Intelligence for Advancements in Personalized Medicine	Mehran Arab Ahmadi
	Current Advancements and Significance of Early Diagnosis with Focus on Neurodegenerative and Neuropsychiatric Disease	Kavos Firouznia
	Ethical Considerations and Challenges	Javad Sheikh Koohsar
8:00-9:30 - Hall 6	Panel: Exosomes as Next-Generation Neurotherapeutics: From Disorders Involving Cognition to Spinal Cord Injury	
	Abbas Ebrahimi Kalan - Tahereh Ghadiri - Hamid Soltani Zangbar - Naiemeh Akbari - Solmaz Fallahi - Sina Khodakarimi	
	Biogenesis of Exosomes and their Application in Promoting Neuroregeneration and Neurogenesis	Hamid Soltani Zangbar
	Autophagy and Exosomes in Spinal Cord Injury: Interaction and Long-Term Impact	Abbas Ebrahimi
	Platelet-Rich Plasma Exosomes' Role in Restoring Immune Homeostasis and Apoptosis for Spinal Cord Injury Repair	Naiemeh Akbari
	Exosomes as a Drug Delivery System in Addiction: A New Trend	Solmaz Fallahi
	Exploring the Therapeutic Potential of Cell-based and Cell-free Approaches in Multiple Sclerosis	Sina Khodakarimi
	Cognitive Changes and Treatment Strategies in Epilepsy: from Traditional Methods to Exosome Therapy	Tahereh Ghadiri
8:00-9:30 - Hall 7	Poster Presentations: Ahvazi Award Candidates (2)	
10:00-12:00 Hall 1	Invited Speakers 4	
	Reza Ebrahimpour - Zeynab Barzegar - Fatemeh S. Mirfazeli - Peyman Abharian	
	Drowsiness Detection Using In-Ear EEG	Reza Ebrahimpour
	Mind, Machine, and Meaning: The New Paradigm of NeuroAI	Zeynab Barzegar
	From Brain Circuits to Boardrooms: A Personal Journey into Neuroleadership	Fatemeh S. Mirfazeli
	Amour and wisdom; about cognitive neuroscience point of view	Peyman Abharian
10:00-12:00 Hall 2	Panel: Neuroethical Considerations for Precision Medicine and Machine Learning in Research and Clinical Works	
	Hamidreza Namazi - Alireza Monajemi - Navid Ravan	
	Neuroethics and the Issue of Interdisciplinary Integration	Hamidreza Namazi
	Critical Dialogue between Neuroscience and the Medical Humanities	Alireza Monajemi

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	An Overview of the Categories of Neuroethical Issues	Navid Ravan
10:00-12:00 Hall 3	Panel: Cognitive Dysfunction in Parkinson Disease	
	Gholamali Shahidi - Mostafa Almasi - Nahid Olfati - Fahimeh Akhoundi - Neguine Rezaii	
	Cognitive Dysfunction in Parkinson Disease: Clinical Characteristics	Mostafa Almasi
	Cognitive Dysfunction in Parkinson Disease: Genetics and Biomarkers	Nahid Olfati
	Cognitive Dysfunction in Parkinson Disease: Pathophysiology and Management	Fahimeh Akhoundi
	Cognitive Dysfunction in Parkinson Disease: Linguistic Approach	Neguine Rezaii
10:00-12:00 Hall 4	Panel: Consciousness, Philosophy, Physics, and Neuroscience	
	Majid Beshkar - Behnam Soor - Ahmad Reza Hammati Moghaddam - Masoud Akbari - Arash Aryani	
	Beyond the Classical Neuron: Why the Hard Problem of Consciousness Beckons Neuroscience Toward Quantum Physics?	Masoud Akbari
	Windows into Cognitive Emergence in Artificial Systems	Behnam Sour
	Epistemic Grounding in the Brain and the Boundaries of Artificial Cognition	Arash Aryani
	A Multidisciplinary Approach to the Problem of Consciousness	Majid Beshkar
10:00-12:00 Hall 5	Workshop: Synergistic Brain Stimulation and Recording Technologies: The Next Generation of Combined TMS	Mavaranegar Co.
10:00-12:00 Hall 6	Panel: Transgenerational Trauma Symposium	
	Amir Shabani - Minoo Hashemi - Taha Yahyavi - Hadi Samadi	
	Hereditary and Neurological Aspects	Taha Yahyavi
	Familial Aspects	Minoo Hashemi
	Evolutionary Aspects	Hadi Samadi
	Social Aspects	Amir Shabani
10:00-12:00 Hall 7	Panel: Advanced Biological Neuromarkers and Precision Medicine: Toward Innovative Diagnosis and Treatment	
	Fereshteh Azedi - Nasibeh Rady Raz - Farah Marsusi - Nasibeh Khayer	
	Applications Of Artificial Intelligence In Neuromarker Identification: A New Approach For Early Detection And Targeted Therapy	Nasibeh Rady Raz
	Niosome: A Promising Nanocarrier for Central Nervous System in Precision Medicine	Farah Marsusi
	Network-Level Biomarkers In Neurodegeneration: A Systems Biology Approach To Precision Medicine	Nasibeh Khayer
	The Role of Neuromarkers In Personalized Medicine for CNS Diseases	Fereshteh Azedi

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13:00-14:30 Hall 1	Panel: Pharmacogenetics and Genomic Insights in Neuropsychiatric and Neuroimmune Disorders	
	Massoumeh Jorjani - Seyed Ali Ziai - Sareh Asadi - Arezou Sayad	
	Pharmacogenetics: Principles and Clinical Relevance	Seyed Ali Ziai
	Pharmacogenetics in Neuroscience: Toward Personalized Neuropharmacology	Massoumeh Jorjani
	Pharmacogenetics of Fluvoxamine in Iranian Patients with Obsessive Compulsive Disorder: An Evidence-Update	Sareh Asadi
	Genetics Profile of MS Patients in Response to Treatment	Arezou Sayad
13:00-14:30 Hall 2	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	
	Bita Shalbafan - Amir Ali Hamidieh - Alireza Farsinejad - Behnam Sadeghi	
	Validating AI Responses about Gene Therapy	Amir Ali Hamidieh
	Validating AI Responses about Cell Therapy	Alireza Farsinejad
	Validating AI Responses about FDA Decision for Biological Products	Bita Shalbafan
	The Dangers of Incorrect AI Responses in Biologic Product Using	Behnam Sadeghi
13:00-14:30 Hall 3	Panel: Recent Advances and Insights in Deep Brain Stimulation: From Mechanisms to Clinical Applications	
	Mansour Parvaresh Rizi - Mohammad Rohani - Saba Amiri	
	Technical Note and Targeting in DBS Surgery; Innovation and Horizons of DBS Surgery	Mansour Parvaresh-Rizi
	Indications, Contraindications and Case Selection of DBS Surgery in Movement and other Neurological Disorders	Mohammad Rohani
	Neuroimaging-Guided Target Selection for Deep Brain Stimulation: A Brain Connectivity Approach	Saba Amiri
13:00-14:30 Hall 4	Fast Presentations	
	Mohammad Amin Haramshahi - Behnaz Ashtari - Naser Amini - Fereshteh Gholami - Hossein Azizi	
	Longitudinal ADAS-Cog 13 trajectories predict autopsy-confirmed Alzheimer's disease neuropathologic burden	Ehsan Mirzaaghazadeh
	Pentoxifylline adjunct to risperidone for negative symptoms of stable schizophrenia: a randomized, double-blind, placebo-controlled trial	Kimia Kazemzadeh
	Machine Learning Models for Predicting Treatment Response in Status Epilepticus: Comparative Performance Against Traditional Statistical Methods	Hesam Hojat
	Innovative hydrogel containing stem cells for CNS tissue engineering	Elham Seidkhani
	Intranasal Administration of Adipose-Derived Exosomes modulates Cognitive Function in a Hyoscine-Induced Mouse Model of Alzheimer's Disease	Mahla Najafi
	Role of Aquaporin4 in parkinson	Seyede zohreh Jazaeri
	Electrophysiological Evaluation of Lutein's Dose-Dependent Effects on Hippocampal Synaptic Plasticity in a Rat Model of Vascular Dementia	Hamideh Asadinezhad

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	Effects of Short Vertical Videos on Visual Attention and Beta-Band EEG Activity: Evidence from Stroop and Eye-Tracking Measures	Ali Aslefathi
	Integrative Network and Machine Learning Approach Highlights TLR8 and CASP4 as Critical Genes Associated With Autism Spectrum Disorder	Sara Hosseinpour
	Intra-Nasal Air-Puffing Ameliorates Cognitive Function in Acutely Sleep-Deprived individuals	Hanieh Riaz
	Game-Based Neurocognitive Screening and Computational Modeling of Visual Attention in Learning Disabilities	Maryam Mollaghasem
	Individual differences in response to virtually induced hallucinations on object recognition task with moderating role of neuroticism	Nooshin Moghadam
	AdipoRon as a Dual Anti-Inflammatory and Neuroprotective Modulator in Sleep Loss–Driven Depressive Phenotypes	Beriwani Malaie
	Investigation of Changes in Prefrontal Cortex Neuroplasticity in Response to Mindfulness-Based Therapy in Anxious Patients: A Longitudinal Study with DTI and Network Analysis	MOHAMMAD HOSSEIN ROODBARI
	Original Gender-Independent Markers of Personality: A Mediation Analysis of Linear and Nonlinear EEG Features	Amirhossein Adhami
	Chronotype Modulates Risky Decision-Making: Behavioral Evidence from a Monetary Gambling Task	Mahsima Hajiaboo
	Genetic Algorithm–Based Level Generation for a Pattern Memory Game	Nikoo Paknia
	Pegylated Chitosan Nanoparticles of Fluoxetine Enhance Cognitive Performance and Hippocampal Brain Derived Neurotrophic Factor Levels in a Rat Model of Local Demyelination	Salva Afshari
	Investigation of topological changes of the links in the brain functional network during false memory formation	Parisa Khoorahe
	Judging who you are based on what I see: A Hierarchical Bayesian Drift Diffusion Account of Rapid Social Categorization	Mohammad Rahmani
13:00-14:30 Hall 5	Panel: Filling the Gaps in Social Hierarchy Research: Human and Animal Insights into Moral Judgment, Dishonesty, and Decision-Making	
	Soomaayeh Heysieattalab - Abdol-hossein Vahabie - Farhad Farkhondeh Tale Navi - Hadi Mohamadpour - Mohsen Ghorbani - Hasti Eghbali - Soroush Fazel - Ghazaleh Roshani	
	The Brain's Social Hierarchy Filter: Causal Evidence on How mPFC Shapes Fairness Decisions Against High- and Low-Rank Individuals	Hadi Mohamadpour
	How Does Social Dominance Influence Moral Decision-Making? An ERP Investigation of Cognitive and Emotional Processing	Mohsen Ghorbani
	How Social Hierarchy and Reward Structures Shape Lying Behavior? The Moderating Role of Moral Defaults	Hasti Eghbali
	Trial-to-trial Neural Adjustments in Probabilistic Decision Making	Soroush Fazel
	The Effects of Social Status on Effort-based Decision-Making in Male Rats: Evaluating the Behavioral and Electrophysiological Indexes in ACC -OFC- Amygdala Circuits	Ghazaleh Roshani
13:00-14:30 Hall 6	Panel: Early Rehabilitation Interventions from a Neuroscientific Perspective	
	Vahid Bayati - Hashem Farhangdoost - Faezeh Dehghan	
	The Importance of Collaboration and Holistic Approach in Early Intervention in Childhood Neurodevelopmental Disorders	Hashem Farhangdoost
	Neurovisual Rehabilitation Approaches for Infants with Cortical Visual Impairment (CVI)	Faezeh Dehghan
	Inhibition, Emotion, and Movement: The Hidden Neuroscience in Pediatric Occupational Therapy	Vahid Bayati

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13:00-14:30 Hall 7	Workshop: Barin Mapping: From Neurophysiological Biomarkers to Clinical Diagnosis	Parto Danesh Co
14:45-16:15 Hall 1	Panel: Social Neuroscience	
	Hamidreza Pouretmad - Javad Hatami - Hamad Rahmani - Sina Sabour - Khatereh Borhani - Ali Mohammad MirAghaie - Negar Pourmohammad - Meysam Khanjanian - Marzie Hatami	
	Us-Them: The Eternal Dichotomy	Javad Hatami, Hamad Rahmani, Sina Sabour
	Electrophysiological Underlying of Prosocial and Antisocial Risky Decision-making	Khatereh Borhani
	Cooperation as a Core Function of the Social Brain	Ali Mohammad MirAghaie
	From Neurons to Norms: Fairness in Social Decisions	Negar Pourmohammad
	Perceiving Humanness as a Hierarchy: Dehumanization and Intergroup Violence	Meysam Khanjanian
	Daynamic Pathways to Cooperation: How Individuals and Environments Co-shape Social Behaviour ?	Marzie Hatami
14:45-16:15 Hall 2	Film Screening and Review (1)	Abdorreza Naser Moghadasi
14:45-16:15 Hall 3	Panel: Frontotemporal Mechanisms of Cognitive Control	
	Mohammad Reza Abolghasemi Dehaqani - Jalaledin Noroozi - Mehdi Danayei - Ehsan Rezayat	
	Frontotemporal Network Contribution to Occluded Face Processing	Mohammad Reza Abolghasemi Dehaqani
	Frontotemporal Interaction Shapes Responses to Omitted Visual Events	Jalaledin Noroozi
	How Does the Brain Perform Different Timing Tasks?	Mehdi Danayei
	Video Gaming Boosts Working-Memory Precision and Prefrontal Oscillation	Ehsan Rezayat
14:45-16:15 Hall 4	Experts Panel: Neurological Interventions	
	MohammadSadeqh Masoudi - Tahereh Ghadiri - Afsaneh Dadarkhah - Amin Ataie - Moslem Shaabani - Roham Mazloom	
	hemispherectomy ,an excellent models for studying neuroplasticity.	MohammadSadeqh Masoudi
	Brain Structural Changes and Cognitive Impairment in Unipolar Mood Disorders: The Role of Chronic Stress	Tahereh Ghadiri
	Investigating the effect of Transcutaneous electrical nerve stimulation on lumbar fascia tissue and lumbar curvature in healthy people .	Afsaneh Dadarkhah
	new approach about the neuroprotective effect of opioid drugs in the treatment od alzheimer,s disease	Amin Ataie
	Galvanic Vestibular Stimulation (GVS) as a Tool for Neurorehabilitation	Moslem Shaabani
	Investigating the Alteration of Somatic Pain Under Ulcerative Colitis	Roham Mazloom

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14:45-16:15 Hall 5	Panel: Mysterious Brain: Classic or Quantum Physics?	
	Seyed Amir Hossein Batouli - Lida Shafaghi - Salman Safdari - Mozhan Parsa - Maryam Rahmani	
	Unsolved Questions in Neuroscience	Seyed Amir Hossein Batouli
	Comparative Perspectives on Brain Function from Classical Neurobiology to Quantum Dynamics	Lida Shafaghi
	Two Parapsychology- Neuroimaging Studies	Salman Safdari
	Review of Neuroimaging-Psi Studies	Mozhan Parsa
	Review of Quantum Theories of Human Memory	Maryam Rahmani
14:45-16:15 Hall 6	Panel: Presurgical Planning and Cognitive Network Reorganization in Temporal Lobe Epilepsy: Integrating Neuroimaging, Machine Learning, and Cognitive Assessment	
	Alireza Fallahi - Elias Ebrahimzadeh - Mohammad Reza Nazem Zadeh	
	Language and Memory Reorganization in Temporal Lobe Epilepsy: Advanced Neuroimaging Approaches	Alireza Fallahi
	Mapping the Epileptogenic Zone with Simultaneous EEG-fMRI Recordings	Elias Ebrahimzadeh
	Seizer Outcome Prediction Using Drug History, Neuroimaging, and AI Models	Mohammad-Reza Nazem-Zadeh
14:45-16:15 Hall 7	Workshop: From Signal to Setup: Translating Digital Biomarkers into tES/TMS Dose, Site, and Montage	MedinaTeb Co.
16:30-18:00 Hall 1	Invited Speaker 5	
	Masoumeh Jorjani - Amemeh Rezayof - Jamal Shams - Reza Lashgari	
	Neural Computation in the Cerebellum	Reza shadmehr
	Hormones and Brain development	Magaret McCarthy
16:30-18:00 Hall 2	Film Screening and Review (1)	Abdorrezza Naser Moghadasi
16:30-18:00 Hall 3	Panel: Personalized Medicine Across the Neurological Disorders	
	Farzad Sina - Mostafa Almasi - Bahram Haqqi Ashtiani - Mohammad Hasanpour - Tara Khoeini - Mahsa Sepahvand - Helya Hemasian	
	Personalized Treatment in CIDP: Clinical Subtypes, Antibody Profiles, and Beyond	Bahram Haqqi Ashtiani
	Personalized Approaches to Stroke: Genetic Risk, Biomarker-Guided Acute Intervention, and Rehabilitation	Mohammad Hasanpour
	Neuro-Oncology Meets Personalization: Toward Individualized Brain Tumor treatments	Tara Khoeini
	Not One Size Fits All: Personalized Approaches to Headache Management in the Era of Precision Medicine	Mahsa Sepahvand
	Personalized Approach for Minimally Invasive Surgery in Drug Resistant Epilepsy	Helya Hemasian

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16:30-18:00 Hall 4	INSS Meeting	
16:30-18:00 Hall 5	Resident Panel	
	Farzan Fahim	
16:30-18:00 Hall 6	Oral Presentations: Cognitive Problems and Rehabilitation	
	Ebrahim Pishyareh - Ronak Shabani - Anahita Torkaman - Elahe Amini	
	The Psychophysiological Mirror: A Framework for Investigating Transdiagnostic Emotional Pathways in Depression, Anxiety, Aggression, and Mania Using Backpropagation from Induced Sadness, Fear, Anger,	Mohammadjavad Hoseinpourfard
	The Effects of Mind Simulation Training on Ball Control in Soccer Players: An fMRI Investigation	Mojtaba Bigdelishamloo
	Efficacy of the COGMO Protocol: A Novel Cognitive-Motor Intervention for Balance and Coordination in Elderly Parkinson's Patients - A Pilot Study	MANOCHEHR GHALKHANI
	Causal Centrality of Cortical and Subcortical Regions in the Extended DMN of Healthy and Schizophrenic Subjects	TaherehSadat Zarghami
	Effectiveness of storytelling program on self-concept of children with physical and motor disabilities	Tina Taheri
	Minimal clinically important difference and substantial clinical benefits for single- and dual-task timed up and go test following motor-cognitive training in Parkinson's disease	Maryam Mehdizadeh
	The Effect of a Structured and Progressive Rhythmic-Cognitive Dual-Task Exercise Program on Impulsivity in Children with ADHD	Behzad Amini
	The association between adenotonsillar hypertrophy and attention-deficit-hyperactivity disorder (ADHD) in children	Kimia Heidaritajadod
	Management of Separation Anxiety in Dogs: A Case Series with Pharmacological and Behavioral Approaches	Anahita Vosoughi
16:30-18:00 Hall 7	Workshop: Assessment of Brain Lobes: From Clinical Examination to Neuropsychological Testing through Case-Based Learning	Reza Panahi

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Friday, 12 December

8:00-9:30 - Hall 1	Panel: Is There any Method Superior to the Therapists Experience and Knowledge for Predictiong the Effects of Psychotherapy	
	Amir Abbas Keshavarz - Shervin Vakili - Shohreh Mohseni - Shabnam Nohesara - Farnoosh Safavifar	
	The Outcome of Psychotherapy: Navigating Ambiguity and Its Dilemmas	Amir-Abbas Keshavarz-Akhlaghi
	Genetic and Epigenetic Predictors of Response to Psychotherapies	Shabnam Nohesara
	Predictors of Response to Psychotherapies Using Functional Neuroimaging and Biomarkers	Shohreh Mohseni
	Predicting Response to Psychotherapy Using Artificial Intelligence (AI)	Farnoosh Safavifar
8:00-9:30 - Hall 2	Oral Presentations: AI in Neuroscience	
	Mansourh Soleimani - Amirhossein batouli - Reza Khosrowabadi - Shahriar Gharibzadeh - Ehsan Rezayat	
	AI-Guided Digital Therapeutic with HRV Biofeedback and EMDR for Occupational Trauma in First Responders: A Feasibility Study	Reyhaneh VahidianSadegh
	A Network Approach to Eye-Gaze Data for Assessing Attentional Bias in Depression	Asiyeh Alam Hakkakan
	AI-Augmented Cranial and Growth Monitoring in Infants	Mohammadreza Zamanian
	A Hybrid Explainable Deep Learning Model for Depression Treatment Outcome Prediction Using Electroencephalography Signals	Seyed Mohsen Sadat Shahabi
	Correlating EEG Topography and MRI Features for Early Detection of Alzheimer's Disease: A Case Study	Sajad Haghshenas
	A Practical Comparison of Resting-State fMRI Sequences: EPI Routine vs. SMS	Mohsen Kohanpour
	Effect of Image Normalization on Detecting Active Multiple Sclerosis Lesions Using Deep Learning on Non-Contrast MRI	AmirAbbas Amini
8:00-9:30 - Hall 3	Panel: Brain-Computer Interface (BCI)	
	Abbas Erfanian - Ali Motie Nasrabadi - Vahid Shalchian	
	Non-invasive BCI for Communication Applications	Ali Motie-Nasrabadi
	Towards Non-invasive Brain-Computer Interface for Decoding Continuous Arm Movement Kinematics	Vahid Shalchian
	Invasive Brain-Computer Interface Systems and their Applications	Abbas Erfanian
8:00-9:30 - Hall 4	Experts Panel: Cognitive Interventions	
	Mania Asgharpour - Alireza Farnam - Ahmad Poormohammad - Alireza Fallahi - Maryam Ramezani - Saleh Lashkari	
	The effectiveness of the stop signal task on problem solving in the elderly	Mania Asgharpour

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	The Relationship between Early Brain Processing and Heideggerian Concepts of “Being-in-the-World” and “Being-with”: Evidence from ERP Studies	Alireza Farnam
	Early sensory slowing with preserved control: anxiety and proactive processing in adults who stutter	Ahmad Poormohammad
	Emotion Recognition Using EEG Signal processing and Machine learning Approach	Alireza Fallahi
	“Validation and Reliability of the Persian Abbreviated Word Auditory Recognition and Recall Measure (WARRM) for Auditory Working Memory Assessment”	Maryam Ramezani
	Enhancing Problem-Solving Ability through Transcranial Direct Current Stimulation of the Dorsolateral Prefrontal Cortex: A Quasi-Experimental Study in Female Students	Saleh Lashkari
8:00-9:30 - Hall 5	Oral Presentations: Neural Injuries	
	Abdorahman Sarihi - Tara Khoeini - Faezeh Faghihi - Ali Mohammadkhanizadeh - Nasrin Hosseini	
	Modulation of Mitochondrial Dynamics by 2-Deoxyglucose as a Neuroprotective Strategy in Temporal Lobe Epilepsy	Ali Mohammadkhanizadeh
	Sex Matters in a Rat Model of Cognitive Impairment Driven by Progressive Carotid Stenosis	Mehran Hosseini
	Advancing Brain Stroke Diagnosis and Monitoring through Raman Spectroscopy	Fezzeh Hosseinzadeh
	Melittin improves motor function, prevents apoptosis-induced cell death, and protects Purkinje neurons in a rat model of cerebellar ataxia caused by 3-Acetylpyridine.	Zeynab Ghorbanishemshadsara
	Synergistic Neuroprotective Effects of Vitamin D and KATP Channel Opener in a Rat Model of Parkinson’s Disease	Motahareh Mousavi
	Genome wide association study showed 82 SNPs and VNTRs as risk factors of tendency to suicide in psychiatric patients; a neuroimaging genetic study	Arvin Haghighatfard
	Berberine Protects Against Cuprizone Demyelination In C57BL/6 Mice	Mohaddeseh sadat Alavi
	Effects of acetyl-L-carnitine on histopathology and myelin-related gene expression of corpus callosum in the demyelinated mouse model	SeyedMohammadhadi Mirab
8:00-9:30 - Hall 6	Neuroscience in Medical Education	
	Mahsa Sepahvand - Parisa Soleimani - Alireza Ahmadi vashnow - Bahram fadaie dowlat - Mobina Ramezani - Amirreza siahkoohi	
	Neurophobia: Why We Fear the studying of Brain science — and How to Overcome it	Alireza Ahmadi vashnow
	The Cram–Pass–Forget Cycle: Why Our Brains Struggle with Medical Learning	Bahram fadaie dowlat
	The Social Brain in Medicine: How Group Work Shapes Learning and Performance	Mobina Ramezani
	Educational Neuroplasticity: When Learning Medicine Changes the Mind	Amirreza siahkoohi
	Emotional Regulation: Decoding the Neuroscience of Emotion Regulation in Future Doctors	Parisa soleimani
8:00-9:30 - Hall 7	Oral Presentations: Addiction	
	Hedayat Sahraei - Sara Simorgh - Nasim Vosoughi	
	Cerebellum mechanisms associated with addiction	Mahboubeh Dadfar
	Association of D1-like Dopamine Receptor Expression with Morphine Preference in Wistar Rats	Shahrazad Nazari
	The effects of marijuana treatment on the spatial learning and memory in the Alzheimer disease model: the role of cannabis receptors and BDNF protein	Mohadeseh Chahkandi

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	The role of the "Reverse direction" plan in improving lifestyle and controlling temptation in addicts undergoing treatment	Narges Hedayati
	Assessing the effects of chronic morphine administration during adolescence on electrophysiological properties of locus coeruleus neurons	Nasrin Houshmandi
	Effects of HIIT Training on Cognitive Functions in Athletes	Mehrangiz Ghorbani
	Reduced Predictability Under Social Reward Contexts: A Computational Approach Using Deep Reinforcement Learning	Fatemeh Shakibafard
	Beyond Z-Scores: Rethinking EEG Neuromarkers for Personalized Psychiatry	Vahid Asayesh
09:45-11:15 Hall 1	Panel: Neuroscience and Iranian Self: An Interdisciplinary Approach	
	Shervin Vakili - Mahdi Pournamdar - Amir Mohammad Mousavi - Amirhossein Mahouzi - Herayr Danelyan - Sina Amini Maqsoudbeigi	
	The Collective Unconscious of Iranians: A Neuroscientific Critique	Shervin Vakili
	Psychoanalysis of the Iranian Subject from a Neuroscientific Perspective	Amir-Mohammad Mousavi
	The Iranian Self in the Conceptual System of Rumi	Amirhossein Mahouzi
	The Struggle of the Modern Self: Formation, Rupture, and Reconstruction through a Neuroscientific Lens	Herayr Danelyan
	Neuropsychiatric Disorders among Iranians: A Statistical Overview	Mahdi Pournamdar
	The Iranian Simorghs in the Firestorm: Collective Behavior of Iranians Facing Chaos and Psychological Trauma	Sina Amini Maqsoudbeigi
09:45-11:15 Hall 2	Panel: Personalized Treatment of Brain Tumors	
	Amin Jahanbakhshi - Alireza Sadeghipour - Fatemeh Sadat Mirfazeli - Amir Hossein Javadi	
	Surgical resection of Glioma in speech area	Amir Hossein Javadi
	Integrated Diagnosis in Neuro-Oncology: Shaping the Future of Personalized Care	Alireza Sadeghipour
	Precision Cognitive Care After Brain Tumor	Fatemeh Sadat Mirfazeli
09:45-11:15 Hall 3	Panel: Mirror Neurons in Personalized Cognitive Rehabilitation	
	Seyed Behnamodin Jameie - Hassan Ashayeri - Malahat Akbarfahimi - Bijan Forogh - Faeze Moradi	
	Neural and Behavioral Bases of Mirror Neurons Activation Gateway to Neuroplasticity	Seyed Behnamodin Jameie
	Causal Role of Mirror Neurons: Insights from Optogenetics and Neurostimulation	Hassan Ashayeri
	Investigating Functional Changes in the Mirror Neuron Network and its Role in Examining Motor and Cognitive Brain Maps in Neurological Diseases: Stroke and Parkinson's	Malahat Akbarfahimi
	"Simultaneous Brain Monitoring in Patient-therapist Interaction (Hyperscanning fNIRS–EEG): Measuring Neuronal Coherence During Observational Rehabilitation" Design of Interactive Protocols in Cognitive Rehabilitation	Bijan Forogh
	Clinical Applications and Therapeutic Activation of Mirror Neuron Activation in Neurorehabilitation	Faeze Moradi

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09:45-11:15 Hall 4	Experts Panel: Neuraodevelopment Models	
	Mojtaba Ehsanifar - Razieh Hajisoltani - Fatemeh Mohammadi - Nayiere Mansouri - Forouzan Absalan - Fariba Azarkish	
	Prenatal exposure to polystyrene nanoplastics: neuroinflammation and impaired brain development in offspring	Mojtaba Ehsanifar
	Enhancing the effects of Diosgenin in the rat model of autism induced by Valproic acid via ERK signaling.	Razieh Hajisoltani
	The effect of agmatine on molecular and behaviOral indices of male rat offspring under maternal	Fatemeh Mohammadi
	Attentional Neuromodulation-Enhanced Auditory Training in Children with Hearing Loss	Nayiere Mansouri
	Investigation and Comparison of the Pharmacokinetic Properties of the Most Important Newly Synthesized Analogs of Selective μ -Opioid Receptor (mOR) Agonists	Forouzan Absalan
	Consuming high-fat, high-carbohydrate diet from pre-pregnancy to the end of lactation selectively impaired short-term recognition memory in lactating rats	Fariba Azarkish
09:45-11:15 Hall 5	BCNJ Meeting	
09:45-11:15 Hall 6	Workshop: Brain PHOTOBIMODULATION Focus on Neurodegenerative Disorder's	Ahmad Shaker Hosseini
09:45-11:15 Hall 7	Panel: Enhancing Cognitive Flexibility Through Noninvasive Neuromodulation: Current Evidence and Future Directions	
	Leila Hosseini - Hamid Soltani Zangbar - Solmaz Fallahi - Fatemeh Foroodi - Zohreh Karimi - Ali Fathollahi	
	Description of Cognitive Flexibility (CF) and Neural Substrates Underlying CF	Solmaz Fallahi
	Measuring CF: from Scales to Tasks	Fatemeh Foroodi
	Cognitive Flexibility in Preclinical Models: Mechanisms and Evaluations	Zohreh Karimi
	Direct Stimulation Approaches for Improving CF: Biophysical Modulation	Ali Fathollahi
	Indirect Cognitive- Interactive Approaches for Improving CF: Behavioral Modulation	Leila Hosseini
	Smelling Aroma and CF Consequences	Hamid Soltani Zangbar
11:30-13:00 Hall 1	Invited Speakers 6	
	Mohammad Taghi Joghataei - Mostafa Almasi - Mohammad Ghadiri - Ata Pourabbasi	
	REM sleep phylogeny	Mirfarhad Ghalehbandi
	Clinical Causal Inference, and the Complications of Personalized Medicine	Hamed Tabatabaei Ghomi

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11:30-13:00 Hall 2	Panel: Artificial Intelligence and Precision Medicine	
	Nasibeh Rady Raz - Amin Jahanbakhshi - Vafa Rahimi-Movaghar - Sadaf Alipour - Jaber Hatam	
	Artificial Intelligence and Brain Precision Medicine	Nasibeh Rady Raz
	Artificial Intelligence and Personalized Therapy in Spinal Cord Injury	Vafa Rahimi-Movaghar
	Artificial Intelligence and Personalized Medicine in Brain Tumors	Amin Jahanbakhshi
	Artificial Intelligence and Personalized Medicine in Metastatic Cancer	Sadaf Alipour
	Artificial Intelligence and Personalized Medicine in the Brain and Nerves	Jaber Hatam
11:30-13:00 Hall 3	Panel: Neuroinflammation	
	Mahmoud Hosseini - Farzaneh Vafae - Hamed Ghazavi - Fatemeh Forouzanfar - Ali Sepehrinezhad - Arezoo Rajabian - Zahra Khorasanchi	
	Neuroprotective and Cognitive Enhancing Effects of Olibanum and it's Constituents, Boswellic acid and Incensole Acetate, the Possible Mechanisms	Mahmood Hosseini
	The Effect of Chronic Stress During Pregnancy on Hippocampal Long-term Potentiation and White Matter Volume in Adult Male Offspring in Rat	Farzaneh Vafae
	Effect of Pretreatment with Devil's Claw on Locomotor Activity, Infarct Volume, and Neuronal Density in Focal Cerebral Ischemia in Rats	Hamed Ghazavi
	Neuroprotective and Memory-Enhancing Effects of Cedrol Against Transient Global Cerebral Ischemia/Reperfusion Injury in Rats and Its Possible Mechanisms	Fatemeh Forouzanfar
	Gut Microbiota-Derived Metabolites as Drivers of Hepatic Encephalopathy: A Systems Biology Approach	Ali Sepehrinezhad
	Effects of an Ellagic acid-Standardized Extract of Sanguisorba Minor on Neurobehavioural Changes During Aging	Arezoo Rajabian
	Anti-Inflammatory Diets: Potential Benefits for Neurodegenerative Diseases	Zahra Khorasanchi
11:30-13:00 Hall 4	Experts Panel: Neural Cell Regeneration	
	Mahdieh Ghiasi - Hamid Reza Sadeghnia - Zeinab Akbarnejad - Mona Saheli - Fereshteh Pourabdolhossein - Paria Hashemi	
	assesment the effect of curcumin on the expression of nestin and beta-tuberculin genes in the differentiation of mesenchymal stem cells into neural-like cells	Mahdieh Ghiasi
	Ranolazine Attenuates 6-OHDA-Induced Neurotoxicity in SH-SY5Y Cells by Targeting Oxidative Stress and Apoptosis	Hamid Reza Sadeghnia
	Intranasal Delivery of Human Olfactory Ecto-Mesenchymal Stem Cells Enhances Cognitive Function in an Alzheimer's Rat Model	Zeinab Akbarnejad
	Novel Combination Therapy: Injectable Amniotic Membrane Hydrogel and Metformin Synergize to Promote Sciatic Nerve Regeneration	Mona Saheli
	Bicuculline-Mediated Modulation of Neuroinflammation and Remyelination Enhances Cognitive Recovery in a Rat Model of Hippocampal Demyelination	Fereshteh Pourabdolhossein

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	Apigenin reduces spontaneous epileptic spikes via suppression of caspase-3 activation in tempOral lobe epilepsy model	Paria Hashemi
11:30-13:00 Hall 5	Panel: Non-invasive Brain Stimulation with EEG and AI: A data-driven, Safe Path to Personalized Neuromodulation	
	Reza Daneshmand - Hamid Mirhosseini - Mohammad Tabarestani - Peyman Hasani Abharian	
	EEG Findings for the Personalized Neuromodulation	Hamid Mirhosseini
	Introducing Good Vibes Solutions and its Results in Depression	Reza Daneshmand
	AI aspects of GVS: How It Works	Mohammad Tabarestani
	Application of Good Vibes Solutions for OCD	Peyman Hasani-Abharian
11:30-13:00 Hall 6	Panel: Traumatic Brain injury	
	Ali Siahposht khachaki - Zahra Soltani - Sedigheh Amiresmaili - Ladan amir khosravi - Alireza Sarkaki	
	The Neuroprotective Effects of Berberine Niosomal Formulation in the Rat Model of TBI	Ali Siahposht -khachaki
	Effect of Exercise and Progesterone on Outcomes of Experimental Traumatic Brain Injury	Zahra Soltani
	Investigation of the Hepatoprotective Effect of Estradiol Based on Nanocrystalline on Liver Injury Induced by Traumatic Brain Injury in male rat	Sedigheh Amiresmaili
	Protective Role of Female Hormones Against Secondary Lung Injury Induced by Traumatic Brain Injury	Ladan amir khosravi
11:30-13:00 Hall 7	Experimental Traumatic Brain Injury: Antioxidant and Anti-inflammatory Agents	Alireza Sarkaki
	Panel: Social Neuroscience Platform; Polarized Brains, Shared Futures	Mohammad Khademi
13:00-13:30 Hall 1	Closing and Award Ceremony	