

BCNC 2024 Program

December 11-13, 2024

First Day, Wednesday

7:00 - 8:00, Lobby	Registration	
8:00 - 9:30, Hall 1	Panel: Epilepsy Surgery	
	Farnaz Sinaei - Vahid Heidari - Mansoor Parvaresh - Sadra Rohani - Alireza Tabibkhouei - Farzad Sina	
	Pre surgical evaluation in drug resistant epilepsy	Farnaz Sinaei
	sEEG and drug-resistant epilepsy	Vahid Heidari
	DBS surgery for refractory epilepsy treatment	Mansoor Parvaresh
	The role of Vagus nerve stimulation in refractory epilepsy treatment	Sadra Rohani
	Awake craniotomy for language cortical mapping	Alireza Tabibkhouei
	Minimally invasive surgery in insular epilepsy as a great imitator	Farzad Sina
8:00 - 9:30, Hall 2	Fast Presentations (1)	
	Hamed Ghazvini- Hadi Aligholi- Naser Amini- Amin Haramshahi	
	Chemokine-Mediated Neuroinflammation in Alzheimer's Disease: Effects of Doxycycline and LPS on Immune Response and Biomarker Identification	Anahita Esmaili Mehr
	Evaluation of HAPPYneuron®, a Computerized Cognitive Training Medium, as a Tool for Remediation of Cognitive Impairments: A Systematic Review	Nastaran Ehsanfar
	The role of expected reward and efficacy in enhancing cognitive control over emotional material	Mostafa Toobaei
	Somatotopic representation of action verbs: evidence from aphasia	Fateme Alipur
	Exploring the Interactions Between Personality Traits, Life Satisfaction, and Familial Relationships: Insights from a Big Five Analysis	SeyedMahdi Sadati
	"A New Perspective: The Imperative to Develop a Verbal Stroop Test for the Iranian Community with New Scoring Methods and Conditions."	SeyyedAsghar Moayedi
	Social Setting Improves Informed Reversal Learning	Armin Taherifard
	Bias in Belief: How Confirmation bias Shapes Our Views on Science, Culture, and the Supernatural	Marjan Anooshiravani
	Language and Cognitive Performance: Stroop Task Analysis in Persian-English Bilinguals	Mahta Mahboubi
	Personality Traits and Nomophobia in Iranian Medical Students and and Paramedical Students: A Cross-Sectional Study	Athena Dehghan Najm Abadi
	The effects of anxiety and external attentional focus on postural control in patients with Parkinson's disease	Seyede zohreh Jazaeri
	Fatigue, stigma, and mood in patients with multiple sclerosis: effectiveness of guided imagery	Mina Beitollahi
	Screening Parkinson Disease Using Fine-motor Skills	Maryam Dadkhah
	Beyond traditional predictors: the impact of the pulsatility index and cortical subarachnoid space diameter on endoscopic third ventriculostomy success	Adrina Habibzadeh
	Comparative efficacy and safety of venlafaxine versus nortriptyline in migraine prophylaxis: A randomized, double-blind clinical trial	Saeid Iranzadeh

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	A case study on the effect of olfactory stimulation on a 6 years old boy with glutaric aciduria type 1 with dystonia	Hossein Bayat
	Insights into the interplay between Epstein-Barr virus (EBV) and multiple sclerosis (MS): A state-of-the-art review and implications for vaccine development	Kimia Kazemzadeh
8:00 - 9:30, Hall 3	TalkMaster Siavash Safarianpour - Alireza Noori	
8:00 - 9:30, Hall 4	Young Investigator Presentations (1) Farnaz Nikbakht- Mansoureh Soleimani- Sajad Sahab Negah-Hossein Azizi- Arash Sarve Azad- Mohammad Javad Eslamizadeh	
	Chronic inhibition of the mediodorsal thalamic nitric oxide system affected the prefrontal cortical function in a streptozotocin-induced Alzheimer's rat model	Ali Yousefi
	Potential of Limosilactobacillus reuteri in Modulating Neuroplasticity and Ameliorating Behavioral Deficits: Novel Insights on Mechanisms Underlying Gut-brain axis in a Rat Model of Autism	Samin Davoody
	The Therapeutic Potential of Plumbagin in Mitigating Behavioral Dysfunctions and Neuroinflammation in a Valproic Acid-Induced Autism Model	Hamid Askari
	Memory loss induced by lisdexamfetamine in the rat: A behavioral, electrophysiological, and histopathological Study	Amirreza Beirami
	Fabrication, characterization and evaluation of the effect of PLGA and PLGA-PEG biomaterials on the proliferation and neurogenesis potential of human neural SH-SY5Y cells	Shabnam Asghariniari
	Comparison of the effects of erythropoietin and nano-erythropoietin on behavioral and cellular (neuron and astrocyte) alterations in valproic acid rat model of autism	Sara Haratizadeh
	Tip Optical Fiber LSPR Sensor Based on DNA Aptamer for Dopamine Detection	Soroush Rostami
	Neuroprotective effect of human cord blood-derived extracellular vesicles by improved neuromuscular function and reduced gliosis in a rat model of Huntington's disease	Maral Hasanzadeh
	Effects of intrathecal and intracerebroventricular microinjection of kaempferol on pain: possible mechanisms of action	Sajjad Jabbari
8:00 - 9:30, Hall 5	Young Investigator Presentations (2) Reza Lashkari-Tara Khomeini-Fatemeh Sadat Mirfazeli-leila Ebrahimi-Zeinab Barzegari-Arash Zar Sadeghi	
	MOHAK: A community-based study focused on enhancing communication and reducing chronic stress in Iran.	Mahdi Khodadoust
	Comprehensive App for Parkinson's Disease Screening and Monitoring: A Pilot Study	Atefeh Irani
	Olfactory epithelium stimulation using air-puff improves the cognitive performance of individuals following acute sleep deprivation	Hanieh Riaz

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	Neural Correlates of Inhibitory Control Deficits in Opium Use Disorder: An Event-Related Potential Study Using the Opium-Related Go-NoGo Task	MohammadNavid Ebrahimi
	Resolving brain object categorization in space, time and frequency	Sasan Keshavarz
	Fuzzy Logic-Based Prediction Model for Endoscopic Third Ventriculostomy Outcomes in Children with Hydrocephalus	Shiva Ahmadi
	Optimizing Theta Burst Stimulation Parameters: Insights from Computational Modeling for Enhanced Brain Neuromodulation	Somayeh Mahmouie
	Evaluation of subjects with TBI and PTSD, using brain olfactory functional connectivity networks with resting-state fMRI data	Sahar Mohammadjani
	Parkinson's Disease Screening by Generating Artificial Data Point in Latent Space	Yasaman Haghbin
8:00 - 9:30, Hall 6	Oral: Pain	
	Farinaz Nasirinezhad- Ramin Ataee- Sajjad Salari-Abbas Mohammadipour-Masoumeh Gholami	
	Which is more likely to affect balance and emotion regulation of children with ASD? Emotional or physical pain?	Mahboubeh Ghayournajafabadi
	Evaluating the synergistic effect of codeine, oxycodone and metformin on reducing neuropathy and expression of TNF- α and IL6 and increasing Sirt1 in diabetic mice	Ramin Ataee
	Neurodegeneration in Hippocampal CA1 Neurons Induced by Chronic Pain Following Unilateral Ureteral Obstruction in Male Wistar Rats	Sajjad Salari
	MicroRNA-155 in neuroinflammation and neurological disorders: A potent biological and therapeutic target	Abbas Mohammadipour
	Nitric oxide modulates short and long-term changes in hyperalgesia, anxiety and cognitive deficits induced by empathy	FATEMEH Mohammadi
	Positive Impact of Metformin on Reducing Tolerance to the Analgesic Effects of Sodium Salicylate in Male Rats	Masoumeh Gholami
8:00 - 9:30, Hall 7	Oral: Addiction	
	Nasim Vosoughi- Alimohammad Pourrahimi- Mania Asgharpour- Tara Rezapour	
	Assessment of Attentional Bias in Internet Gaming Disorder	Alimohammad Pourrahimi
	Effectiveness of attention bias modification in reducing impulsive behaviors and substance craving	Mania Asgharpour
	A new neural diathesis-stress model of cannabis addiction based on the diurnal cortisol pattern and childhood maltreatment in users	Bijan Pirnia
	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
	Long-lasting effects of adolescent morphine exposure on action potential characteristics of vIPAG neurons	Nasrin Houshmandi
	Atorvastatin's role in extinction and reinstatement prevention of morphine conditioned preference through BDNF upregulation in rats	Shiva Hashemizadeh
9:30 - 10:00, Lobby	Tea and Coffee Break	

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10:00 - 12:00, Hall 1

Opening Ceremony

Chairman's Welcome Message	Mohammad Taghi Joghathie
Scientific Secretary Report	Mohammad Ali Nazari - Mohammad Ali Sahraian
Invited Speakers	
The Ritual of Honoring the Neuroscience Mentors	Congress Board
Awards Announcement	Congress Board

12:00 - 13:00 Pray and Lunch

13:00 - 15:00, Hall 1 Panel: NeuroAI: the Interaction between Neuroscience and Artificial Intelligence

Abdol-Hossein Vahabie - Mohammadreza Abolghasemi Dehaqani - Zahra Vahabi - Saeed Reza KheradPisheh - Kaveh Kavousi -

Modern technologies in brain health	Zahra Vahabi
Neuromorphic computing: from theory to applications	Saeed Reza KheradPisheh
Multi-modal Data Integration and Computational Modeling in Neurocognitive Disorders	Kaveh Kavousi
Object recognition in neuroscience and AI	MohammadReza Abolghasemi
Relationship between reinforcement learning and diffusive neuromodulatory systems	Abdol-Hossein Vahabie

13:00 - 14:30, Hall 2 Panel: 6th Annual Report on the Iranian Practical Experience of Stem Cells Therapy in Neurological Diseases Gene therapy, The future of medicine

Amir Ali Hamidieh - Bita Shalbafan - Alireza Farsinejad - Mohamadreza Abedi

Gene therapy :The future of medicine	Amir Ali Hamidieh
The Importance of Exfoliated Deciduous Teeth MSCs as Therapeutic Approach in Neurodegenerative Diseases	Alireza Farsinejad
New Achievements of Iranian regulatory system on Stem cell therapy in neurological diseases	Mohamadreza Abedi
FDA safety information and adverse event reporting program in biologic products	Bita Shalbafan

13:00 - 14:30, Hall 3 Panel: Experiences: Women Neuroscientists in Iran

Maryam Noorozian - Shiva Dolatabadi - Malahat Akbarfahimi - Fereshteh Motamedi

Experiences: Women Neuroscientists in Iran	Maryam Noorozian
Experiences: Women Neuroscientists in Iran	Shiva Dolatabadi
Experiences: Women Neuroscientists in Iran	Malahat Akbarfahimi
Experiences: Women Neuroscientists in Iran	Fereshteh Motamedi

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13:00 - 14:30, Hall 4 **Panel: Non-Invasive Neuroprotective Therapies for Improving Stroke Outcomes**

Mehdi Farhoudi - Saeed Sadigh-Eteghad - Javad Mahmoudi - Fereshteh Farajdokht - Sara Salatin - Seyed Zanyar Athari

An Overview on Stroke	Mehdi Farhoudi
Basics of Photobiomodulation Therapy in Stroke	Saeed Sadigh-Eteghad
Animal Models for Evaluation of Neuroprotective Strategies in Ischemic Stroke	Javad Mahmoudi
Hyperbaric Oxygen Therapy for Cognitive Rehabilitation in Stroke	Fereshteh Farajdokht
Nanoparticle-Based Therapy Intervention for Stroke	Sara Salatin
Vagus Nerve Stimulation in Stroke	Seyed Zanyar Athari

13:00 - 14:30, Hall 5 **Panel: Cognitive Accreditation; The Necessity, Importance and Prospects**

Ata Pourabbasi - Toktam Masoumian - Mahdieh Karami - Mohammad Rostami

Cognitive accreditation, needs and requirements	Ata Pourabbasi
Programmatic accreditation of medical education, the country's experience in the last decade	Toktam Masoumian
Accreditation body for cognitive products, a national experience	Mahdieh Karami
The path of developing accreditation standards for cognitive tests and cognitive intervention equipment	Mohammad Rostami

13:00 - 14:30, Hall 6 **Panel: Enhancing Managerial Thinking Capabilities: Scientific Foundations and Their Implementation in 21st Century Organizations**

Mohammad Abooyee Ardakan - Ehsan Chitsaz - Mansour Shirzad

ThinkA®: A Comprehensive Framework of Enhancing Managerial Thinking Capabilities	Mohammad Abooyee Ardakan
Neuro-Cognitive Sciences and Enhancement of Human Capabilities Development through Coaching	Ehsan Chitsaz
Neuro-Strategy: A New Approach toward Strategic Thinking	Mansour Shirzad

14:45 - 16:15, Hall 1 **Panel: Brain-Computer Interfaces in Iran: Current Challenges and Future Prospects**

Rezvan Nasiri - Mohammad Hossein Maghami - Omid Shoaee - Mohammad Reza Daliri - Hamid Reza Mahdiani - Reza Khosrowabadi

An Overall view of BCI in Iran	Mohammad Hossein Maghami
BCI Medical Applications - Brain Stimulation	Omid Shoaee
BCI and Computational Neuroscience	Mohammad Reza Daliri
BCI and Brain Reading – Brain Signal Denoising	Hamid Reza Mahdiani
BCI and Cognitive Science	Reza Khosrowabadi

14:45 - 16:15, Hall 2 **Panel: A Cognitive Approach to Politics and International Relations**

Hosein Salimi - Mohammad Soltaninejad - Mandana Sajjadi - Homeira Moshirzadeh

Body, Brain and World	Hosein Salimi
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	Emotions in International relations	Mohammad Soltaninejad
	A neuro political approach to Dehumanization	Mandana Sajjadi
	Mind , Idea and theory of international relations	Homeira Moshirzadeh
14:45 - 16:15, Hall 3	Panel: The Microbiome and Alzheimer’s Disease	
	Mohammd Nasehi - Seyed davar Siadat - Morteza Aliashrafi - Hakimeh Zali	
	The Role of the Microbiota-Gut-Brain Axis in the Development of Alzheimer’s Disease	Mohammd Nasehi
	New insight of the beneficial effect of good bacteria in prevention of Alzheimer's Disease	Seyed davar Siadat
	Intracerebroventricular Cutibacterium acnes Generates Manifestations of Alzheimer's Disease-like Pathology in the Rat Hippocampus	Morteza Aliashrafi
	Cutibacterium Acnes Induces Alzheimer’s Disease-Like Pathology through Structural Changes Associated with Microtubules	Hakimeh Zali
14:45 - 16:15, Hall 4	Panel: The Cognitive Neuroscience of Decision-Making and Performance Monitoring in the Social Hierarchies	
	Soomaayeh Heysieattalab - Abdol-Hossein Vahabie - Soroush Fazel - Fatemeh Asgharian - Hadi Mohamadpour - Sajed Faraji Azar	
	Introduction to Neural Correlates of Error and Feedback Processing in Humans and Animals	Soomaayeh Heysieattalab
	Modeling the assymetric processing of positive and negative errors in a hierarchical social setting	Abdol-Hossein Vahabie
	Error Monitoring Across Social Ranks: An EEG /ERP Study	Soroush Fazel
	Neurobehavioral Correlates of Feedback Processing Across Social Dominance Hierarchies	Fatemeh Asgharian
	Power in the Mind: How Social Dominance Shapes Reward-Related Decision-Making	Hadi Mohamadpour
	The Influence of Social Rank Loss during Value-Based Decision-Making in Rats	Sajed Faraji Azar
14:45 - 16:15, Hall 6	Panel: Circadian Rhythm in Brain Health and Disease	
	Behzad Garmabi - Shima Mohammadi - Tayebeh Mohtashami - Yeganeh Derakhshan - Mohammad Niroumand Sarvandani	
	Introduction to Circadian Rhythms and Mechanisms of Circadian Oscillations	Behzad Garmabi
	Animal models of circadian rhythm disorder	Shima Mohammadi
	Human assessment of circadian rhythm disorder	Tayebeh Mohtashami
	The Interplay Between Circadian Rhythm and Gut Microbiota	Yeganeh Derakhshan
	How circadian Rhythm disruption can lead to addiction	Mohammad Niroumand Sarvandani
14:45 - 16:15, Hall 7	Panel: Network Neuroscience	
	Reza khosrowabadi - Reza Jafari - Saman Moghimi-Araghi - Zahra Moradimanesh	
	Topological Analysis of Higher-order Interaction Patterns in Brain Networks During Development	Reza Jafari
	Self-Organized Criticality and Structural Dynamics in Evolving Neuronal Networks: A Modified Sandpile Model	Saman Moghimi-Araghi
	Role of anti-synchronies on the stability of brain functional network	Reza khosrowabadi

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	Landscaping Brain Energy: A Promising Approach on Systematic Organization of Neural Functions and Cognitive Conditions	Majid Saberi (online speaker)
	Structural balance of brain subnetworks in autism spectrum disorders during development	Zahra Moradimanesh
16:30 - 18:00, Hall 1	Invited Speakers 1	
	Ameneh Rezayof - Torandokht Balouch Nejad- Ali Shahbazi	
	How to Tackle Multiple Sclerosis Severity and Progression: New Data and Future Plans	Majid Pahlevan Kakhki
	Using AI and Biomarkers to Develop Self-Regulatory Interventions for People with Opioid Use Disorder	Dessa K. Bergen-Cico
	Neurochemical and Behavioural Characterisation of a Mouse Model of Dopamine Transporter Deficiency	Ali Salahpour
16:30 - 18:00, Hall 2	Panel: Neuroinflammation	
	Alireza Sarkaki - Seyed Mahmoud Hoseini - Ali Sepehrinezhad - Farzaneh Vafae Bagheri	
	The Role of renin - angiotensin system in neuroinflammation associated cognitive impairment	Seyed Mahmoud Hoseini
	The Role of Neuroinflammation in Neurodegeneration Diseases	Alireza Sarkaki
	The effect of acute and chronic stress on anxiety and depression-like behavior and amygdala stress oxidative following intracerebral hemorrhage	Farzaneh Vafae Bagheri
	Autotoxin-Lysophosphadic-Acid Axis in Hepatic Encephalopathy (In vitro, In vivo and Clinical Evidence)	Ali Sepehrinezhad
	Synergistic effect of ellagic acid and gabapentin in a rat model of neuropathic pain	Hamed Ghazavi
	Amelioration of behavioral and histological impairments in somatosensory cortex injury rats by limbic mesenchymal stem cell transplantation	Mansoureh Sabzalizadeh
	Effect of Young Plasma Therapy on Cognition, Oxidative Stress, miRNA-134, BDNF, CREB, and SIRT-1 Expressions and Neuronal Survey in the Hippocampus of Aged Ovariectomized Rats with Alzheimer's	Parisa Habibi
16:30 - 18:00, Hall 3	Panel: Neuromodulation for Substance Use Disorder	
	Esmail Riahi - Abbas Haghparast - Maryam Farahmandfar - Mojdeh Fattahi - Hojjatollah Alaei	
	Deep Brain Stimulation of the Anterior Cingulate Cortex for treatment of morphine relapse	Maryam Farahmandfar
	Deep brain stimulation in the orbitofrontal cortex leads to suppressive effects on the development, extinction, and reinstatement of methamphetamine-seeking behavior in a frequency dependent manner	Mojdeh Fattahi
	Impact of local electrical stimulation with different intensities on morphine-induced CPP in rats: reward system studies	Hojjatollah Alaei
	Deep brain stimulation of the nucleus accumbens suppresses somatic signs of morphine withdrawal: involvement of orbitofrontal cortex neurons	Esmail Riahi

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16:30 - 18:00, Hall 5 **Oral: Mood and Anxiety**

Arezoo Nahvandi - Parvaneh Rahimi Moghaddam - Azadeh Mesripour - Mojtaba Ehsanifar - Ali Mohammad Ahadi

Neuroprotective effects of Aripiprazole on colitis and associated depression in rats	Parvaneh RahimiMoghaddam
N-methyl-D-aspartate receptor (NMDAR) blockers improved depressive behavior initiated by levetiracetam administration in mice	Azadeh Mesripour
Investigating the difference in GLUD1 gene expression changes in the left and right brain hemispheres of mice with induced depression	AliMohammad Ahadi
Depressive-like behaviours, cognitive impairment and hippocampal microglia activation following exposure to air pollution nanoparticles	Mojtaba Ehsanifar
New insight into the mechanism of Aripiprazole effects in stress-induced depressive disorders, through modulation of Cacna1c and GR interactions	Somayeh Dashti
Prolonged stress-induced depression-like behaviors in aged rats are mediated by endoplasmic reticulum stress and apoptosis in the hippocampus	Arshad Ghaffari-Nasab
Mitotherapy restores hippocampal mitochondrial function and cognitive impairment in aged male rats subjected to chronic mild stress	Gonja Javani
Effectiveness of combined cognitive-behavioral therapy and TDCS in improving symptoms of depression , rumination and emotion regulation in people with MD.	Leila Heydarinasab

16:30 - 18:00, Hall 6 **Oral: Neurodegeneration**

Mohammad Javad Eslamizade -Mostafa Zarean-Fereshteh Golab-Shima Tavakol

Evaluation of therapeutic effects of Prostaglandin E1 in a rat model of Alzheimer's disease via nasal route: focusing on neutrophils and brain glymphatics	Nafiseh Pakravan
Involvement of NLRC4 inflammasome through caspase-1 and IL-1 β augments neuroinflammation and contributes to memory impairment in an experimental model of Alzheimer's like disease	Amin Ataie
Comparison of quantitative-Electroencephalogram (q-EEG) measurements between patients of dementia with Lewy bodies (DLB) and Parkinson disease dementia (PDD)	Mehrnaz Rezvanfard
The Comparison of Attention and Concentration Processes between Normal Elderly People and Elderly People with Alzheimer Disease	Mostafa Zarean
Pomegranate Seed Oil Can Reduce Density of Amyloid Plaques in the Hippocampal CA1 Area of Male Rat Model of Alzheimer's disease	Emseghol Nikmahzar
Vitamin B12 Reduce Density of Cytochrome C-immunoreactive Neurons in the Hippocampal CA1 Area of Male Rat Model of Alzheimer's disease	Fatemeh Saraei
Deregulation of melatonin receptors and differential modulation of after-hyperpolarization and Ih currents using melatonin treatment due to amyloid- β -induced neurotoxicity in the hippocampus	Mohammad Javad Eslamizade

16:30 - 18:00, Hall 7 **Workshop: Cognitive Rehabilitation Through NeuroLight System (Cognitive Exergame)**

Hadi Moradi -
Mohammadreza
Ghasemian

Second Day, Thursday

8:00 - 9:30, Hall 1	Panel: Applied Neuroscience: Bridging Academia, Industry and Society Rezvan Roushani - Homayoun Ghazimoradi - Ali Nasiri - Ebrahim Moradi - Mohamad Rohani - Mahmoud Talkhabi - Hossein Raghfar - Arian Petoft	
	Neuroscience in Leadership: Enhancing Organizational Efficiency through Cognitive Expertise	Ali Nasiri
	Cognitive Science in Aviation Safety: Utilizing AI and Neuroscience for Enhanced Decision-Making	Ebrahim Moradi
	Digital Economy	Hossein Raghfar
	Revolutionizing Healthcare: The Role of cognitive science and AI in Personalized Treatment Plans	Mohamad Rohani
	Empowering Learning Systems: Cognitive Science and AI as Catalysts for Educational Innovation"	Mahmoud Talkhabi
	NeuroLaw & Neurocriminology	Arian Petoft
8:00 - 9:30, Hall 2	Panel: New Era in stroke Mostafa Almasi - Fatemeh Sadat Mirfazeli - Amin Jahanbakhshi - Reza Panahi - Pouria Moshayedi - Mohadeseh Azadvari	
	Innovative therapies for stroke	Amin Jahanbakhshi
	Artificial intelligence and stroke	Mostafa Almasi
	Psychosocial intervention and support systems for stroke survivors	Reza Panahi
	A Conceptual Transition in Acute Stroke Treatment: From Time to Brain	Pouria Moshayedi
	Neuropsychiatric presentations in stroke: machine learning analysis finding	Fatemeh sadat Mirfazeli
	Updates on rehabilitation in stroke	Mohadeseh Azadvari
8:00 - 9:30, Hall 3	ISBM 2024 National Brain Mapping Lab	
8:00 - 9:30, Hall 4	Panel: rTMS: From Bench to Bedside: Bridging the Gap Abbasali asadi Asadi - Zahra Vahabi - Soraya Mehrabi - Amirhosein Jafari	
	"Optimizing rTMS Parameters: A Personalized Approach"	Abbasali asadi Asadi
	"rTMS in Chronic Pain: A Promising Therapeutic Option"	Zahra Vahabi
	"Decoding the Brain: The Therapeutic Potential of rTMS"	Soraya Mehrabi
	"The Future of rTMS: New Horizons in Neuropsychiatric Treatment"	Amirhosein Jafari
8:00 - 9:30, Hall 5	Panel: Dementia Maryam Noroozian - Reyhaneh Aminalroaya - Anahita Farrokhi - Zahra Nahalekah - Matineh Heidari - Hoda Asefi	
	The performance of treadmill exercise, enriched environment and stress during adolescence in Streptozotocin-induced amnesia in adult rats: Role of hippocampal miRNAs	Anahita Farrokhi

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	Inactivation of hippocampal microglia improved amnesic and angiogenic effects of neuroinflammation in a Lipopolysaccharide-induced Alzheimer's mouse model	Zahra Nahalekah
	The spectrum of Neurodegeneration from MCI to Dementia and clinical correlation	Matineh Heidari
	MRI Finding and advanced MRI methods for diagnosis of dementia	Hoda Asefi
	Novel therapeutic approaches for Alzheimer's disease	Reyhaneh Aminalroaya
8:00 - 9:30, Hall 6	Panel: Aging and Cognitive Function from Molecular Mechanisms to Interventions and Treatments	
	Vida Mafikandi - Leila Hosseini - Fatemehsadat Seyedaghamiri - Leila Maghsoumi-Norouzabad - Nasrin Abolhasanpour - Naeimeh Hosseinzadeh	
	Age-Related Cognitive Dysfunction	Vida Mafikandi
	Protective effects of Coenzyme Q10 against aging-induced cognitive impairment through regulating mitophagy	Leila Hosseini
	Sericin and learning and memory Improvements in aging	Fatemehsadat Seyedaghamiri
	Nutritional cognitive neuroscience of aging	Leila Maghsoumi-Norouzabad
	Therapeutic potentials of young blood/plasma in aged brain	Nasrin Abolhasanpour
	Mitochondrial Transplantation and cognition	Naeimeh Hosseinzadeh
8:00 - 9:30, Hall 7	Oral Presentations (1)	
	Davood Ahmadvand- Elahe Amini- Masoumeh Nozari- Noushin Ahmadi Rad- Alireza Tehrani Yazdi	
	Stable Neural Signal Decoding for Brain-machine Interfaces: Leveraging Manifold Alignment to Compensate for Instabilities	Mohammadali Ganjali
	Cerebellar Morphometry in Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorder: A Comparative MRI Study Using Deep Learning Analysis	Fouad MerajiFar
	The study of brain oscillations with the approach of disease spreading models in inhibitory networks	Mohammad Hoseini Anisi
	A Framework for Facial Anonymization in Parkinson's Disease Diagnostic Videos	Seraj Ghasemi
	Correlation between SCL-90 Subscales and QEEG Markers: A Comprehensive Analysis	Mehdi Dehghani
	The Effect of Cognitive Readiness Training on Cognitive and Academic Abilities Based on QEEG in Adolescents	Ahmadali Naji
	Social Human-AI Interaction in Reinforcement Learning	Nafiseh MoghanizadehBafghi
	The Dual Impact of Amitriptyline on Headache and Prolactin Levels in Patients with Migraine: A Clinical Study to Unravel the Controversies	Negar Emadeddin
	parkinson detection using speech game	Saeed Maroof
9:30 - 10:00, Lobby	Tea and Coffee Break	

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10:00 - 12:00, Hall 1	Invited Speakers 2	
	Mohammad Ali Nazari - Javad Mirnajafizadeh - Mostafa Almasi	
	Modulation of Synaptic Activity as a Mechanism in Anti-convulsant Effect of Deep-brain Stimulation	Seyed Javad Mirnajafizadeh
	Neural Underpinnings of Sleep Insufficiency-driven Neurodegenerative Changes; Insights from Preclinical and Clinical Research Evidence	Mohammad Nami
	Optimized Multi-channel Electrical Brain Stimulation for Alleviating Major Depression Symptoms and Enhancing Cognition and Functional Brain Connectivity.	Mohammad Ali Salehinezhad
	How Can We Research Sustainable Effects with Transcranial Brain Stimulations?	Ahmad Karim
10:00 - 12:00, Hall 2	Panel: From Brain to Mind: A Comprehensive Analysis of Psychological, Biological and Neurological Factors in Neuro-Criminology	
	Parya Abravani - Mir Shahram Safari - Abdolrahman Najlerahim - Mohammadreza Bigdeli	
	Innovative Approaches in Neuro-Law and Neuro-Criminology	Mir Shahram Safari
	Intensionality and Neurocriminology	Abdolrahman Najlerahim
	Brain evolution and crime evolution	Mohammadreza Bigdeli
	Neuro Cognitive criminal background of aberrant 3 Parental children	Eslam Jabbari moradlou
	Genes & Genomics: Possible Contributor to Criminal human behavior	Kambiz Banihashemi
	Decoding The Brain: The Science Behind Aggression and Criminal Minds	Parya Abravani
	The Use of Brain Interventions in Offender Rehabilitation Programs	Ilyly Ramezan Saatchi
	Evaluation of Neurolaw Findings on the Validity of Testimony in Criminal Cases	Mohsen Rahmat
10:00 - 12:00, Hall 3	ISBM 2024	
	National Brain Mapping Lab	
10:00 - 12:00, Hall 4	Panel: Neuroendocrinology and Alzheimer's Disease	
	Maryam Zahmatkesh - Shima Mohammadi - Tahereh Ghorbandaiepour - Leila Karimi-Zandi - Ali Mirzakhani	
	Neuroendocrinology and Alzheimer disease	Maryam Zahmatkesh
	Evaluation of hippocampal arylalkylamine N-acetyltransferase activity in amyloid- β neurotoxicity	Shima Mohammadi
	Inhibition of hippocampal melatonin synthesis by siRNA induced the learning and memory deficits in male rats	Tahereh Ghorbandaiepour
	GnRH effect on hippocampal melatonin endogenous synthesis	Leila Karimi-Zandi
	Computational neuroendocrinology in Alzheimer's disease	Ali Mirzakhani
10:00 - 12:00, Hall 5	Panel: Studies of Error Processing Performance in Clinical Neuroscience	
	Behnam Jameie - Mohammad Hedayatjoo - Malahat Akbarfahimi - Zahra Vahabi	
	Theories of "Error Processing Performance" and the Event Related Potentials associated with this performance	Mohammad Hedayatjoo
	"Error Processing Performance" in older adults	Malahat Akbarfahimi
	"Error Processing Performance" in Neurodegenerative disorders	Zahra Vahabi

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Summary: The importance of "Error Processing" studies in clinical neuroscience

Behnam Jameie

10:00 - 12:00, Hall 6	Oral: Neuroinflammation	
	Mitra Ansari Dezfouli- Nahid Jivad- Masoud Alirezaei- Fatemeh Forouzanfar- Farideh Iravanpour	
	Protective effect of melatonin against methamphetamine-induced attention deficits through miR-181/SIRT1 axis	Mitra AnsariDezfouli
	Potential neuroprotective effect of nanomicellar curcumin on learning and memory functions following subacute exposure to bisphenol A in adult male rats	Mahmoud Gorji-Valokola
	The effect of SARS-CoV-2 on the development of Parkinson's disease: the role of α -synuclein	Farideh Iravanpour
	The effects of incense acetate on neuro-inflammation, brain-derived neurotrophic factor and memory impairment induced by lipopolysaccharide in rats	Narges Marefati
	Study of IFI-16 gene expression in patients with multiple sclerosis in Chaharmahal and Bakhtiari	Nahid Jivad
	Combined Training Improves the Expression Profile of Inflammation-associated Antimicrobial Peptides, MicroRNAs, and TLR-4 in Patients with Multiple Sclerosis	Zahra Forouzandehshahrakei
	Beneficial antioxidant properties of betaine against oxidative stress mediated by levodopa/benserazide in the brain of rats	Masoud Alirezaei
	Therapeutic effect of Everolimus, an mTOR inhibitor in rats with intracerebral hemorrhage: reduced inflammation, oxidative stress, and enhanced neuroprotection	Fatemeh Forouzanfar
10:00 - 12:00, Hall 7	Non-invasive Brain Stimulation	Masoud Nosratabadi
	Medina Teb Co.	
12:00 - 13:00	Pray and Lunch	
13:00 - 14:30, Hall 1	Invited Speakers 3	
	Hamidreza Saligheh Rad - Babak Nadjar Aarabi - Reza Rajimehr	
	Complementary Role of AI Analysis in Early Detection of Dementia	Hamidreza Saligheh Rad
	Data-driven AI, Neuroscience, and Brain Effective Connectome	Babak Nadjar Aarabi
	The Brain's Default Mode Network Tracks Categorical Transitions During Naturalistic Visual Stimulation	Reza Rajimehr
13:00 - 14:30, Hall 2	Panel: Biomarkers in MS (1)	
	Mohammad Ali Sahraain - Sepide Paybast - Elnaz Assadollahzade - Samaneh Kabiri - Mahmoud Mahmoodi	
	Biomarker in MS diagnosis	Sepide Paybast
	MRI Biomarker in MS diagnosis	Elnaz Assadollahzade
	Biomarkers in other Demyelinating diseases	Samaneh Kabiri
	Immunology of Multiple Sclerosis: Looking into Controversies	Mahmoud Mahmoodi

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13:00 - 14:30, Hall 3		ISBM 2024
National Brain Mapping Lab		
13:00 - 14:30, Hall 4	Panel: Cognitive Rehabilitation	
	Mohammadreza Shalbafan - Saba Mokhtari - Reza Panahi - Farah Bakizadeh	
	Cognitive rehabilitation as a treatment for depression	Mohammadreza Shalbafan
	Cognitive rehabilitation in adults with anxiety disorders	Saba Mokhtari
	Cognitive Remediation in Schizophrenia: Current Status and Future Perspectives	Reza Panahi
	Cognitive rehabilitation in adults with obsessive-compulsive disorder	Farah Bakizadeh
13:00 - 14:30, Hall 5	Panel: Headache	
	Mansureh Togha - Elham Jafari - Fatemeh Farham - Omid Kohandel Gargari	
	Approach to headache	Mansureh Togha
	Headache due to csf dysregulation	Elham Jafari
	Diagnosis and treatment of Migraine	Fatemeh Farham
	Topiramate for pediatric migraine prevention, A systemic review and meta-analysis of single arm clinical trials	Omid Kohandel Gargari
13:00 - 14:30, Hall 6	Panel: Exosomes as a Therapeutic Tool to Promote Neurorestoration and Cognitive Function in Neurological Conditions	
	Abbas Ebrahimi Kalan - Hamid Soltani Zangbar - Sina Khodakarimi - Zohreh Karimi - Solmaz Fallahi - Leila Hosseini	
	Exosome structure and its importance in improving neurological diseases and cognitive function	Hamid Soltani Zangbar
	Exosome isolation methods	Sina Khodakarimi
	The importance of exosome therapy in MS	Abbas Ebrahimi Kalan
	The importance of exosome therapy in stroke	Zohreh Karimi
	The importance of exosome therapy in methamphetamine addiction	Solmaz Fallahi
	The importance of exosome therapy in psychological diseases	Leila Hosseini
13:00 - 14:30, Hall 7	Workshop: New Definition of qEEG	
	Farmed Tajhiz Co.	
14:45 - 16:15, Hall 1	Panel: Suicide: An Interdisciplinary Topic	
	Rezvan Roushani - Parya Abravani - Kazem Malakouti - Shiva Dolatabadi - Saeed kabiri - Elnaz Shiri	
	Film criticism	Kazem Malakoiti
	Film criticism	Shiva Dolatabadi
	Film criticism	Saeed kabiri
	Film criticism	Elnaz Shiri
14:45 - 16:15, Hall 2	Panel: Biomarkers in MS (2)	
	Mohammad Ali Sahraain - Sajad Sahab-Negah - Farzad Mehrabi - Mohammad Javan	
	Biomarker in MS prognosis and treatment	Farzad Mehrabi

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	Finding a valid predictive and diagnostic biomarker for MS: focusing on exosomal miRNA	Sajad Sahab-Negah
	Molecular and Cellular Aging Biomarker in Animal Models of Multiple Sclerosis	Mohammad Javan
14:45 - 16:15, Hall 3	ISBM 2024	
	National Brain Mapping Lab	
14:45 - 16:15, Hall 4	Panel: Neuroplasticity in Psychiatric Disorders: Disruption of Neural Circuits and QEEG Evidence in Major Depression	
	Mohammad Ghadirivasfi - Farnaz Etesam - Mehrnaz Rezvanfard	
	Circuits mastery process in psychiatric illness	Mohammad Ghadirivasfi
	The role of Neurol Circuits in Depression	Farnaz Etesam
	New QEEG findings in depressive disorders	Mehrnaz Rezvanfard
14:45 - 16:15, Hall 5	Workshop: Magnetic Stimulation (TMS): Advances, Present Findings, and Future Perspectives in Neuroscience	
	Mavaraneqar Co.	
14:45 - 16:15, Hall 6	Panel: Artificial Intelligence (AI) in Prevention, Detection, and Therapy of Brain and Spine Cancer	
	Nasibeh Rady Raz - Amin Jahanbakhshi - Ali Arash Anoushirvani - Jaber Hatam - Rasoul Yarahmadi	
	Artificial Intelligence and Nanorobotics in Brain and Spine Cancer Prevention, Early Detection and Targeted therapy	Nasibeh Rady Raz
	Artificial Intelligence in Brain Cancer Detection and Surgery	Amin Jahanbakhshi
	Artificial Intelligence in Oncology of Brain and spine Cancer	Ali Arash Anoushirvani
	Artificial Intelligence in Brain and Spine Disease Detection	Jaber Hatam
	Artificial Intelligence and occupational Health in brain cancer Prevention	Rasoul Yarahmadi
14:45 - 16:15, Hall 7	Panel: Stroke in Young Adult, Case Presentation (Residency Panel)	
	Sanaz Heidari - Nasim Ramzi	
	Case presentation	Ahmadreza Marjanmehr
	Problem List	Hirad Rezaei
	Approach to stroke in young adult	Mohamadreza Akhzari
	Differential diagnosis	Fereshteh Tabrizi
	Treatment	Helia Setareh
16:30 - 18:00, Hall 1	Invited Speakers 4	
	Mohammad Ali Sahraian- Sajad Sahab Negah -Zahra Ebadi	
	The Self and Its Brain: The Popper-Eccles Interactive Pluralism Model in Philosophy of Mind	Abbas Bakhshipour
	New Biomarkers and Biological Definition for Parkinson's Disease as well as Recent Data on the Prodromal Stage of Parkinson's Disease	Seyed Mohammad Fereshtehnejad
	Machine Learning Approaches for the Early Diagnosis of Alzheimer's Disease Using Neuroimaging Data	Jafar Zamani
	From Targeting Multiple Sclerosis and KRAS Pathways to Advancing Alzheimers Therapy: Innovations in Drug Discovery and Delivery	Abazari

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16:30 - 18:00, Hall 2	Oral: Neurotechnology	
	Hamidreaz Salighehrad- Payman Hassani Abharian- Kataneh Abrari- Boshra Hatef- Alireza Fallahi- Nasibeh Rady Raz	
	Trans-Crainal focused ultrasound Brain Stimulation	Payman Hassani Abharian
	Paper1:Validation of NeuroTrack: Comparative MRI Volumetry Analysis with VolBrain for Diagnostic Applications	Hamidreaz Salighehrad
	Intelligent neurotechnology in stress	Boshra Hatef
	Deep learning for early Alzheimer's Disease diagnosis	Zohre Moattar Hussein
	Classification of Schizophrenic Patients and Healthy Controls Using Resting State Functional MRI Images and Machine Learning Approach	Alireza Fallahi
	Artificial Intelligence for Smart Targeted Brain and Nerve Repairment	Nasibeh Rady Raz
	The effect of mobile phone electromagnetic waves on spatial memory in male rats with post-traumatic stress disorder	Kataneh Abrari
	Wheited log-cholesky filtering for DTI denoising	Somayeh Jabari
16:30 - 18:00, Hall 3	ISBM 2024	
	National Brain Mapping Lab	
16:30 - 18:00, Hall 4	Panel: Vascular Dementia: Advances in Treatment and Understanding Pathophysiology	
	Hedayat Sahraei - Ghorbangol Ashabi - Fardin Sehati - Behjat Seifi - Mina Ranjbaran	
	Role of BIX01294 in the intracranial inhibition of H3K9 methylation lessens neuronal loss in vascular dementia model	Fardin Sehati
	Inhibition of histone methyltransferase promotes cognition and mitochondrial function in vascular dementia model.	Behjat Seifi
	Cerebral inhibition of the H3K9 methylation could ameliorate blood-brain barrier dysfunction in vascular dementia	Mina Ranjbaran
	Unraveling the Neuroprotective and Neurotoxic Effects of α -synuclein in Vascular Dementia through Behavioral Studies in Male Wistar Rats	Ghorbangol Ashabi
16:30 - 18:00, Hall 5	Oral: Cincial Neuroscience	
	Mehrdad Roozbeh-Yousef Moghadas Tabrizi- Mohammadreza Bigdeli- Maryam Emadi- Meymaneh Jafari	
	combined effect of repetitive transcranial magnetic stimulation and feedback corrective exercises on corticospinal Excitability and lower limb kinematic variables in individuals with dynamic Valgus	Yousef Moghadas Tabrizi
	Biomarkers of cognitive impairment in multiple sclerosis: Advances in identification and clinical implications	Mehrdad Roozbeh
	Advancing understanding and rehabilitation of cognitive impairment in multiple sclerosis: From mechanisms to interventions	Mehrooz Roozbeh
	Evaluation the effectiveness of transcranial direct current stimulation on hand function in healthy individuals; A randomized controlled clinical trial study	Afsaneh Dadarkhah
	Effect of combined treatments on Tinnitus	Maryam Emadi
	"Skinner's Verbal Behavior Theory and Its Neural Foundations: From Behaviorism to Neuroscience in Treating Disorders"	Shahin Ahmadian

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	Modification of Cortical Electrical Activity in Stroke Survivors with Abnormal Subjective Visual Vertical: An eLORETA Study	Meymaneh Jafari
	Recent Updates on Current and Emerging Therapies for Tinnitus	Mehri Maleki
	Glioma theranostics; Where We Stand and Future Directions	Auob Rustamzadeh
16:30 - 18:00, Hall 6	Panel: Where is the Future of Neuroscience Headed? The Path of Major International Brain Projects	
	Mohammad Taghi Joghataei - Reza Panahi - Fatemeh Sadat Ghaheeri - Zeinab Barzegar - Farhad Nazarizadeh	
	Precision Neuroscience: insight from US Brain initiative	
	Digital neuroscience: Insights from Europe human brain project	
	Brain inspired AI: Insights from China Brain Project	
	futurism prospective for application in Iran	
16:30 - 18:00, Hall 7	Oral Presentations (2)	
	Ronak Shabani- Fereshteh Golab - Fakhroddin Aghajanpour - Sara Simorgh - Faezeh Faghihi	
	Dexamethasone-Loaded PRP-Derived Exosomes Promote Functional Recovery and Modulate TNF- α and IL-10 Levels in a Spinal Cord Injury Mouse Model	Naeimeh AkbarGharalari
	Upregulation of apoptotic genes and downregulation of target genes of Sonic Hedgehog signaling pathway in DAOY medulloblastoma cell line treated with arsenic trioxide	Mehرداد Ghorbanlou
	Nanocurcumin substantially alleviates noise stress-induced anxiety-like behavior: The roles of tight junctions and NMDA receptors in the hippocampus	Azam Alinaghypour
	Effect of Electromagnetic fields (EMF) on Apoptotic cells in Hippocampus Mitochondria of rat by Tunel Method	Fateme Abdolhosseinzaderoveshti
	Morphological alteration of NADPH-d containing neurons in the prefrontal cortex and basolateral amygdala: A study in relation to social ranks	Zeinab Parvin
	Tramadol: a Potential Neurotoxic Agent Affecting Prefrontal Cortices in Adult Male Rats and PC-12 Cell Line	Fakhroddin Aghajanpour
	The effect of transplantation of motor neuron-like cells differentiated from adipose-derived stem cells on sperm parameters and testicular histology in spinal cord injured rats.	Esmail Mohammadbagheri
	Agmatine improves liver and neuronal damage in a hepatic encephalopathy induced by bile duct ligation	Sepideh Ganjalikhan hakemi
	Neuralgia and Hippocampal Synaptic Plasticity in Adult Rats Following Adolescent Morphine Exposure	Kawsar Alami

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Third Day, Friday

8:00 - 9:30, Hall 1	Panel: DopaCell Transplantation to Rodent and Primate Models of Parkinson's Disease; Toward the Clinical Applications	
	Hossein Baharvand - Mohammad Javan - Mohammadreza Abolghasemi - Vahid Sheibani - Abdol-hossein Vahabie	
	Production and characterization of GMP grade human embryonic stem cell-derived dopaminergic progenitors for the treatment of Parkinson disease	Hossein Baharvand
	Assessing the Efficacy of GMP-Compliant Human Embryonic Stem Cell-Derived Dopaminergic Transplants in a Primate Model of Parkinson's Disease	Mohammad Javan
	Evaluating Cognitive Function in a Monkey Model of Parkinson's Disease: Pre- and Post-Treatment Effects of Stem Cell Therapy	Mohammadreza Abolghasemi
	Investigating Response Inhibition in Monkeys: A Step Towards Understanding Cognitive Disorders in Parkinson's Disease	Vahid Sheibani
	Modeling the role of Dopamine in Beta Oscillations in Parkinson's Disease	Abdol-hossein Vahabie
8:00 - 9:30, Hall 2	Oral: Cognitive Neuroscience	
	Hamidreza Pouretmad- Javad Hatami-Mohammadali Arami- Mohsen Basiri- Farahnaz Taheri	
	Is free will a fundamental issue in neuroscience?	Mohammadali Arami
	Relationship between sexual deprivation and memory in male rats	Enayat Anvari
	Activation of the Supplementary Motor Area (SMA) during auditory sentence processing	Simin Meykadeh
	The interplay between cognitive performance and electroencephalographic features in air traffic controllers: a real-world study	Marzieh Izadilaybidi
	Mastering the Magic Wand of Cognitive Techniques for Enhancing Adolescents' Divergent Thinking: Perceptions, Processes, and Products	Forough Kasiri
	Transmission of behavioral and cognitive impairments across generations in rats subjected to prenatal valproic acid exposure	Farahnaz Taheri
	Early enriched environment prevents cognitive impairment in an animal model of schizophrenia induced by MK-801: Role of hippocampal BDNF	Mohsen Basiri
8:00 - 9:30, Hall 3	Panel: Screening for Dementia: The Role of AI-Driven Volumetry in Early Alzheimer's Detection	
	Hamidreza Saligheh Rad - Maryam Noroozian - Vajihe Aghamulaie - Aidin Taghilou - Mohsen Sedighi	
	Neurologist's perspective	Vajihe Aghamulaie
	Radiologist's perspective	Aidin Taghilou
	MRI Physicist's perspective	Hamidreza Saligheh Rad
	Neuro-scientist's perspective	Mohsen Sedighi

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8:00 - 9:30, Hall 4	Fast Presentations (2)	
	Gelareh Vahabzadeh- Yaser Azizi- Mostafa Rahvar- Fereshteh Azedi	
	Factors Associated with Dental Fear and Anxiety During Pregnancy Among Women in Bojnord City in 2024	Hesam Hojat
	Dementia in Women Suffering from Premature Ovarian Failure	SeyedehSana Nasehi
	The Efficacy of Edaravone on Cognitive Function in Ischemic Stroke Patients: a retrospective clinical trial	Ali Alipour
	The association between baseline CSF biomarker levels and the following occurrence of psychosis and cognitive impairment in patients with Parkinson's disease	Sayeh Jalali
	Effects of acetyl-L-carnitine on histopathology and myelin-related gene expression of corpus callosum in the demyelinated mouse model	Sanaz Gharighnia
	Thermosensitive biocompatible hydrogel encapsulating stem cells for spinal cord injury repair	Elham Seidkhani
	Neural Stem Cells Secretome Increased Neurogenesis and Behavioral Performance and the Activation of Wnt/ β -Catenin Signaling Pathway in Mouse Model of Alzheimer's Disease	Farzane Hijroodi
	Mesenchymal stem cell-derived exosomes inhibit α -synuclein aggregation: A potential therapeutic strategy for Parkinson's disease	Kimia Marzookian
	Evaluating the effect of human olfactory mucousmembrane derived,neural stem cell ,administration on stress-induced male rat model of depression	Fatemeh Naghizadeh
	Coenzyme Q10 and Vitamin E Attenuate Heat Stress-Induced Depression: Role of Neuroinflammatory Pathways	Berivan Malaie
	Investigation and comparison of the effects of inhibiting NF- κ B and HCN ion channels on behavioral changes caused by beta-amyloid injection in the frontal cortex of laboratory rats	Zahra Soleimani
	Effect of Combined Kaempferol and Bone Marrow Mesenchymal Stem Cell-Derived Exosomes on Myelin Repair in the Corpus Callosum of a Cuprizone-Induced Demyelination Model	Fatemeh Rabiei
	Coenzyme Q10 and Vitamin E Mitigate Heat Stress-Induced Anxiety and HPA Axis Dysregulation in Mice	Behzad Mansouri
	Calcitriol reduces brain injury by inhibiting NLRP3 inflammasomes in the rat model of cerebral ischemia-reperfusion	Marjan Behdarvandy
	Investigation of the Role of Calcitriol in Improving Ischemic Injury and Expression of FGFR2 Gene in an Ischemic Stroke Model in Rats	Fahime Ramshini
	Impact of Silver Nanoparticle on Cerebral Ischemia and Memory in Male Rats	Seyedeh Farinaz Saeed
	The low and high doses administration of lutein improves memory and synaptic plasticity impairment through different mechanisms in a rat model of vascular dementia	Hamideh Asadinezhad
8:00 - 9:30, Hall 5	Panel: Neuroregeneration and Repair: Focus on Neural Stem Cells and ECM	
	Mohammad Karimipour - Gozal Bahlakeh - Shabnam Asghari - Farzaneh Hijroodi - Fatemeh Ghasemzadeh - Ali Esmailpour	
	Transplantation of bioengineered Reelin-loaded PLGA/PEG micelles can accelerate neural tissue regeneration in photothrombotic stroke model of mouse.	Mohammad Karimipour

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	Neurotrophic factor-secreting cells enhanced endogenous hippocampal neurogenesis through the Wnt/ β -catenin signaling pathway in AD model mice	Gozal Bahlakeh
	Evaluation of the effect of PLGA and PLGA-PEG biomaterials on the proliferation, neurogenesis, and synaptogenesis potential of human neural SH-SY5Y cells in a three-dimensional culture system	Shabnam Asghari
	Neural stem cells secretome increased neurogenesis and behavioral performance and the activation of the Wnt/ β -catenin signaling pathway in a mouse model of Alzheimer's disease.	Farzaneh Hijroodi
	Polycaprolactone fumarate acts as an artificial neural network to promote the biological behavior of neural stem cells.	Fatemeh Ghasemzadeh
	Beyond regeneration, insights from treating neurodegenerative diseases on developing potential methods to enhance fluid intelligence	Ali Esmailpour
8:00 - 9:30, Hall 6	Panel: Psychosomatization: Foundations for Future Research Arezoo Samadi - Sareh Kazmi - Sedighe Naghel - Malihe Bashian	
	Neuroanatomical bases of psychosomatization	Sareh Kazmi
	Electrophysiological correlates of psychosomatic disorder	Sedighe Naghel
	Neuropsychological bases and rehabilitation in psychosomatics	Malihe Bashian
8:00 - 9:30, Hall 7	Panel: Traumatic Brain Injury Ali Siahposht-khachaki - Sedigheh Amiresmaili - Zahra Soltani - Iadan Amir Khosravi - Nazanin Sabet	
	the anti-neuronal inflammatory effects of sildenafil on severe brain trauma in male rats	Ali Siahposht-khachaki
	Neuroprotective Effects of Nanocrystalline Zinc-Estradiol (Nano-ZnE) Against Inflammation and Oxidative Stress in Traumatic Brain Injury via TLR4 Signaling Pathway	Sedigheh Amiresmaili
	Effect of exercise and progesterone on outcomes of experimental traumatic brain injury	Zahra Soltani
	The neuroprotective effects of estrogen and progesterone, alone and in combination, on behavioural impairments and autophagy following traumatic brain injury: Role of circLrp1b/miR-27a-3p/ Dram2 pathway	Iadan Amir Khosravi
	The Changes of Cardiovascular System Inflammatory, Oxidative Stress, and Histopathology Factors Following Exercise Training and Melatonin Administration in Rats with Traumatic Brain Injury"	Nazanin Sabet
9:30 - 10:00, Lobby	Tea and Coffee Break	
10:00 - 11:30, Hall 1	Invited Speakers 5 Mehdi Mehdizadeh - Abbas Haghparast - Shahram Safari	
	Characterizing the Electrophysiological Correlates of Reward Processing in Food and Gaming Addiction with Incentive Delay Task	Yonghui Li
	Integrating the Eyes: Development of Binocular Integration in Primary Visual Cortex (V1)	Masoud Kargar
	Epigenetic plasticity predetermines neuronal eligibility for memory encoding	Johannes Gräff

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10:00 - 11:30, Hall 2	Panel: Cognitive Pathways to Sustainability: From Brain to Global Action	
	Mohammad Khademi - Alireza Noori - Hossein Madani - Farhad Farkhondeh Tale Navi - Kaveh Yazdifard - Alireza Naficy	
	Cognitive Pathways to Sustainability: From Brain to Global Action	Hossein Madani
	Cognitive Pathways to Sustainability: From Brain to Global Action	Farhad Farkhondeh Tale Navi
	Cognitive Pathways to Sustainability: From Brain to Global Action	Kaveh Yazdifard
	Cognitive Pathways to Sustainability: From Brain to Global Action	Alireza Naficy
10:00 - 11:30, Hall 3	Panel: The New Frontiers in Parkinson's Disease Diagnosis and Screening	
	Hadi Moradi - Mohammad Rohani - Maryam Mirian - Atefeh Irani - Reshad Hosseini	
	Diagnosis of Parkinson's disease based on biomarkers	Mohammad Rohani
	Precision stimulus of neuro-modulation as a novel treatment for Parkinson's disease	Maryam Mirian/Martin McKeown
	Assessment of Facial Expression Asymmetry in Parkinson's Disease	Atefeh Irani
	A Multi-Modal approach for Parkinson's screening	Reshad Hosseini
10:00 - 11:30, Hall 4	Fast Presentations (3)	
	Homa Rasouli- Fariba Khodagholi- Leila Dargahi- Behnaz Ashtari	
	Investigation of behavioral changes following Risperidone and Aripiprazole treatment in schizophrenia-like induced by Ketamine in rats	Mobin Naderi
	Bromelain decreases oxidative stress and Neuroinflammation and improves motor function in adult male rats with cerebellar Ataxia induced by 3-acetylpyridine	Reza Bahar
	Gallic acid-loaded carrageenan effects on depressive like behaviors in animal model of cerebral ischemia/reperfusion	Parisa JahaniBahnamiri
	Effects of a Dietary Probiotic Mixture on STZ-Induced Alzheimer-Like Model in Rat: A Behavioral, Stereological, and Biochemical Approach	Ardeshir Nabizadeh zolpirani
	Expression of clock genes per1, bmal1 and cry1 in suprachiasmatic nucleus and pineal gland of ovariectomized rats in scopolamine-induced Alzheimer's model	Reshad Rezapour
	Evaluation the obsessive-compulsive disorder and social interaction behavior on offspring of parental tramadol abstinent in male Wistar rats	Newsha Hosseini
	Investigating the anti-inflammatory effects of selegiline on diffuse brain injury in male rats: a behavioral, biochemical and histological study	Seyedehfatemezahra Khalilisangdehi
	Effect of sleep deprivation on apoptosis, oxidative stress, and motor performance in male Wistar rats	Aysan Akbarnia
	Assessment of Azithromycin's Influence on Behavioral Function in an Experimental Sciatic Nerve Injury Model	Mohammad Ebrahim Abbaszadeh Kahnamooyi
	High-dose Creatine alleviates peripheral diabetic pain and myeline destructions in STZ-induced diabetes in rats	Hosein Ataei

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	Inactivation of hippocampal microglia improved amnesic and anxiogenic effects of neuroinflammation in a lipopolysaccharide-induced Alzheimer's mice model	Anahita Farrokhi
	Investigating the Analgesic Effects of Alcoholic Extract of Zarin Plant in a Compressed Sciatic Nerve Model and Formalin Test in Syrian Mice	Hesam Hojat
	The performance of treadmill exercise and enriched environment during adolescence in streptozotocin-induced amnesia in adult rats: Role of hippocampal miRNAs	Zahra Nahalekah
	The effect of chronic stress during pregnancy on oxidative stress in the hippocampus following memory impairment due to global ischemia in adult male offspring in rat	Hossein Zarei
	Silymarin ameliorates motor function and averts neuroinflammation-induced cell death in the rat model of Huntington's disease	Mahdi Shakeri
	Green Synthesis of Silver Nanoparticles Using Hydroalcoholic Extracts of Green Tea and Coffee, and Evaluation of Their Effects on Memory Improvement	Anisa Saadatkia
	Nesfatin1 attenuates autism-like behavior via antioxidant, and anti-inflammatory activities in a prenatal valproic acid-induced rat model of autism	Fatemeh Mehrabi
10:00 - 11:30, Hall 5	Panel: An Introduction on Novel Neurotechnologies	
	Fatemeh Sadat Mirfazeli - Mehrnaz Hossein zadeh - Sarvenaz Soltani - Farzaneh bazrkar - Mohammad ali shokri	
	Artificial intelligence in virtual reality-based neurobehavioural studies	Mehrnaz Hossein zadeh
	TPS: a novel promising brain stimulation technique	Sarvenaz Soltani
	Methods of vagal nerve stimulation for depression	Farzaneh bazrkar
	An introduction to radiomics ,abilities and limitations	Mohammad ali shokri
10:00 - 11:30, Hall 6	Panel: Neurodevelopment, Early Detection and Early Intervention in Children with Neurodevelopmental Disorder	
	Farin Soleimani - Neda Sadeghi - Aida Ravarian - Mansoor Noori - Sahar Yazdani	
	early diagnostic and assessment for referral	Farin Soleimani
	relevant information from developmental neuroscience.	Neda Sadeghi
	the best intervention methods (0-2 year)	Aida Ravarian
	some of challenges of living with cerebral palsy including gait problem	Mansoor Noori
	Pediatric feeding disorders	Sahar Yazdani
10:00 - 11:30, Hall 7	Workshop: Innovation in Treatment-Resistant Depression: Application of FDA-Approved SAINT Protocol in TMS	
	Mavaraneh Co.	
11:30 - 13:00: Hall 1	Panel: Decision-Making in the Age of Artificial Intelligence – A Multidisciplinary Panel Discussion	
	Alireza Noori - Vafa Rahimi-Movaghar - Reza Ebrahimpour - Hamidreza Namazi - Milad Dokhanchi	

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	Decision-Making in the Age of Artificial Intelligence – A Multidisciplinary Panel Discussion	Vafa Rahimi-Movaghar
	Decision-Making in the Age of Artificial Intelligence – A Multidisciplinary Panel Discussion	Reza Ebrahimpour
	Decision-Making in the Age of Artificial Intelligence – A Multidisciplinary Panel Discussion	Hamidreza Namazi
	Decision-Making in the Age of Artificial Intelligence – A Multidisciplinary Panel Discussion	Milad Dokhanchi
11:30 - 13:00: Hall 2	Panel: Cognitive Neuroscience at the Service of Society	
	Mohammad Ali Nazari - Davoud Nodehi - Mohammad Mahdi Mehraban - Alireza Hamidifar - Farazmand Kalantari - Hassan Mahmoudian	
	Cognitive Processes in Iranian Law: A Study of Cognition, Law, and Decision-making	Mohammad Mahdi Mehraban
	Application of Cognitive Sciences in the Cultural and Social Missions of the FARAJA	Alireza Hamidifar
	From Lab to Industry: Applying Neuroscience Findings in the Workplace	Farazmand Kalantari
	The Hidden Value of Neurocognitive Assessments: Why Organizations Are Missing Out	Hassan Mahmoudian
11:30 - 13:00: Hall 3	Panel: Biomarkers in Neurodegenerative Diseases	
	Mohammad Rohani - Amir Hassan Habibi - Maziar Emamikhah - Mostafa Almasi - Tara Khoeini - Elahe Amini	
	Biomarkers in Parkinson disease	Maziar Emamikhah
	Biomarkers in Alzheimer's disease	Mostafa Almasi
	Biomarkers in ALS	Tara Khoeini
	Biomarkers in Huntington disease and NBIA	Elahe Amini
11:30 - 13:00: Hall 4	Oral: Neuroexcitability	
	Shahriar Gharibzadeh-Mehdi Sharifalhosseini- Abdolrahman Sarihi- Mohsen Sagha- Fariba Karimzadeh	
	Cognitive impairments in epileptic disorders and role of serotonergic system	Abdolrahman Sarihi
	Diverse Behavioral Responses of astrocytes from Different Brain Locations of Epileptic Patients to Small Molecules	Javad Momeni
	Trigonelline neuroprotective effects against pentylenetetrazole-induced seizures in rats by targeting inflammation and oxidative stress	Donya Nazarinia
	Decreased mitochondrial ATP-sensitive potassium channel contributes to exacerbating seizure and neuronal loss in epilepsy: the role of KIR6.1/ SUR2B subunits	Ali Mohammadkhanizadeh
	New insights into neural induction in vertebrate embryo	Mohsen Sagha
	Isolation and characterization of human amniotic fluid and SH-SY5Y/ BE (2) M17 cell (neuronal stem cell models) derived exosomes	Nayer Seyfizadeh
11:30 - 13:00: Hall 5	Panel: Connectivity in the Nervous System: from Developmental, Functional, and Evolutionary Perspectives	
	Ameneh Omid - Mansoureh Movahedin - Amir Shojaei - Behnam Jameie	
	Connectivity and optimization concepts regarding brain size; from an evolutionary perspective	Ameneh Omid
	Development of the nervous system during the embryonic period with emphasis on its connectivity	Mansoureh Movahedin

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	Neurophysiology of the human being during its evolutionary course	Amir Shojaei
	Connectomes new insight into connectivity	Behnam Jameie
11:30 - 13:00: Hall 6	Panel: Why to Study Songbirds as a Model for Vocal Communication?	
	Mohammad Reza Raoufy - Mahdi Khademian - Zohreh Safarcharati - Mahdi Khademian - Milad Yekani - Amirreza Bahramani	
	Context-Dependent Modulations in Acoustic Features of Zebra Finch Distance Calls: Insights from a Novel Goal-Directed Vocalization Paradigm	Zohreh Safarcharati
	Closed-loop vocal activity detection (VAD) system for goal-directed vocalization paradigm	Mahdi Khademian
	An affordable solution for investigating zebra finch intracranial electroencephalography (iEEG) signals	Milad Yekani
	Vocal Perception of Distance Calls in Natural and Artificial Auditory Scenes	Amirreza Bahramani
11:30 - 13:00: Hall 7	Panel: Heart Brain Axis in Alzheimer's Disease: Understanding the Cross-Talk	
	Somaye Keshavarz - Ali Arafati - Zakieh sadat Sheikhalishahi - Ardeshir Nabizadeh - Hamideh Asadinejad	
	Introduction to heart-brain axis	Somaye Keshavarz
	Novel insight on Amyloid deposition in heart	Ali Arafati
	Autonomic imbalance: a mechanistic approach to Heart-Brain Health	Zakieh sadat Sheikhalishahi
	Role of ferroptosis and cuproptosis in heart failure and Alzheimer's disease	Ardeshir Nabizadeh
	"Neuroimaging the Heart-Brain Axis in Alzheimer's Disease: Exploring Cardiovascular and Neural Dynamics"	Hamideh Asadinejad
13:15 - 13:45, Hall 1	Closing Ceremony & Awards Announcement	