

BCNC 2023 Program December 27-29, 2023

First Day, Wednesday

7:00 - 8:00, Lobby		Registration	
8:00 - 9:30, Hall 1	Panel: Neuroradiology (National Brain Mapping Lab 1) Chairs: Mohammad Ali Oghabian - Hasan Hashemi - Abbas Tafakhori - Mohammad Arbabi - Alireza Tabibkhouei		
	Specialized Brain Imaging for Tumor Mapping		Hasan Hashemi
	Stereo-EEG for Diagnostic Evaluation of Non-Lesional Epilepsy		Abbas Tafakhori
	Pre- and Post-Operative Neuropsychological Analysis		Mohammad Arbabi
	Specialized Evaluations for Presurgical Planning		Mohammad Ali Oghabian
	Clinical Application of Presurgical Planning		Alireza Tabibkhouei
8:00 - 9:30, Hall 2	Oral Presentations: Multiple Sclerosis and Neuroinflammation Chairs: To be announced		
	Protective effects of Spirulina platensis, voluntary exercise and environmental interventions on cognitive functions, BDNF changes and morphological remodeling in a preclinical model of stress		Nasrollah Moradikor
	Defective complex III mitochondrial respiratory chain due to a novel variant in CYC1 gene masquerades acute demyelinating syndrome or Leber hereditary optic neuropathy		Maryam Rasoulinezhad
	The effect of combined tDCS and VR training on fatigue, balance and walking in patients with multiple sclerosis		Yousef Moghadas tabrizi
	Impact of royal jelly consumption on oxidative stress, EDSS and quality of life of patients with Multiple Sclerosis, a randomized, double-blind placebo controlled study		Susan Sabbagh
	Autophagic Molecular Alterations in the Mouse Cerebellum Experimental Autoimmune Encephalomyelitis Model Following treatment with Cannabidiol and Fluoxetine		Maryam Akhavan
	Exploring the Potential of Exosomal miRNAs as Biomarkers for Multiple Sclerosis: A Comprehensive Analysis of CSF and Serum Samples		Mina Mohammadinasr
8:00 - 9:30, Hall 3	Oral Presentations: Spinal Cord Injury Chairs: To be announced		
	Comparative of Histologic and histomorphometric changes of proximal and distal part of the Sciatic nerve in diabetic rat treat by Aloe Vera gel extract		Hamid Reza Ghaffari
	The effect of using the extracellular matrix of adipose tissue on the regenerative effects of bone marrow stem cells in the laboratory model of spinal cord injury in rats		Mohsen Rezaei
	Hydrogel-Encapsulated Exosomes for the Regeneration of spinal cord injury		Maryam Jafarian
	Related Fluoxetine and Methylprednisolone changes of TNF- α and IL-6 expression in the Hypothyroidism rat model of Spinal cord injury		Maryam Soleimani
	Synergetic effect of conductive conduit and electrical stimulation for peripheral nerve regeneration applications		Zahra Hassannejad
	Methods for evaluation of autonomic nervous system functions: a review		Roham Mazloom
8:00 - 9:30, Hall 4	Workshop: Regenerative Approaches in Neuroscience: from Bench to the Bedside Moderator: Sajad Sahab-Negah		
8:00 - 9:30, Hall 6	High School Students Programs Moderator: Raheleh Gholamzadeh		
8:00 - 9:30, Hall 7	Workshop: Cell Culture Moderator: Faezeh Faghihi - Fereshteh Azedi		

BCNC 2023 Program

December 27-29, 2023

9:30 - 10:00, Lobby Tea and Coffee Break

10:00 - 12:00, Hall 1

Opening Ceremony

Chairman's Welcome Message	Mohammad Taghi Joghathie
Scientific Secretary Report	Reza Khosrowabadi - Alireza Tabibkhouei
Invited Speakers	
The Ritual of Honoring the Neuroscience Mentors	Congress Board
Awards Announcement	Congress Board
Keynote Speaker: Our Free Choices, a Look at Neuroscience Findings	Azarakshsh Mokri

12:00 - 13:00 Pray and Lunch

13:00 - 15:00, Hall 1 Keynote Speakers

Chairs: Saeed Semnianian - Hossein Baharvand - Shahin Akhoundzadeh

Keynote Speaker: An Update on the Opioid Relapse	Saeed Semnianian
Keynote Speaker: Generation and Transplantation of Midbrain Dopaminergic Progenitors from Human Embryonic Stem Cells in Parkinson's Disease Models	Hossein Baharvand
Keynote Speaker: Research from Sientometrics to Impact	Shahin Akhoundzadeh

13:00 - 14:30, Hall 2 Panel: DBS

Chairs: Gholam Ali Shahidi - Mehri Salari - Mohammad Rohani - Seyed Amir Hasan Habibi

Pathophysiology and New Treatment Strategies of HD	Mehri Salari
Targets in DBS	Mohammad Rohani
Mechanism of Action of DBS	Seyed Amir Hasan Habibi
Anticholinergic Treatment in Parkinson's Disease	Gholamali Shahidi

13:00 - 14:30, Hall 3 Panel: Epilepsy

Chairs: Seyed Amir Hossein Javadi - Sajad Shafiee - Reza Shervin Badv - Mahmood Motamedi Haghihi - Hashemi

Electrode & DBS in Epilepsy	Sajad Shafiee
Hypothalamus Hamartomas	Reza Shervin Badv
Lesional Epilepsy Surgery Failure	Mahmood Motamedi - Haghihi
Mesial Temporal Sclerosis	Hasan Hashemi

13:00 - 14:30, Hall 4 Panel: New Insights into the Role of the Gut Microbiota-Brain Axis in Health and Disease

Chairs: Seyed Davar Siadat - Mohammad Nasehi - Hakimeh Zali - Morteza Aliashrafi

Neurotransmitters Modulation by the Gut microbiota	Mohammad Nasehi
Neuromicrobiology in the Context of Artificial Intelligence: Opportunities and Challenges	Seyed Davar Siadat
The Gut-Brain Axis in Neurodegenerative Diseases: Potential Therapeutic Targets	Hakimeh Zali
Microbiome-Based Alzheimer's Disease Biomarkers	Morteza Aliashrafi

BCNC 2023 Program

December 27-29, 2023

13:00 - 14:30, Hall 5	Panel: The Impact of Digital Devices on Children's Brains	
	Chairs: Saeid Sadeghi - Hamid Reza Pouretamad - Monireh Mansouri - Bita Shalani - Fryl Ashja - Sara Aryan-Namazi	
	Post-Digital Nanning Autism Syndrome	Hamid Reza Pouretamad
	Animal Model of Excessive Exposure to Digital Devices and Its Effect on Brain and Behavior	Monireh Mansouri
	Why Do Iranian Children Use Digital Devices Excessively? A Qualitative Study	Bita Shalani
13:00 - 14:30, Hall 6	Panel: Depression; From the Laboratory to the Bedside	
	Chairs: Hedayat Sahraei - Gholam Hossein Meftahi - Gila Pirzad Jahromi - Alireza Mohammadi	
	Brain Circuits Involved in Depression	Gholam Hossein Meftahi
	The Use of Artificial Intelligence in the Diagnosis of Depression	Gila Pirzad-Jahromi
	Animal Models Used in the Study of Depression: Advantages and Disadvantages	Hedayat Sahraei
13:00 - 14:30, Hall 7	Workshop: Basic Principles and Applied Skills of Intraoperative Neuromonitoring (Roham Teb Co.) (1)	
Moderator: Alireza Tabibkhouei		
15:15 - 16:30, Hall 1	Young Investigator Award: Fast Presentations (1)	
Chairs: To be announced		
Amyloid β -induced LTP impairment accompanied by hippocampal Aralkylamine N-Acetyltransferase activity attenuation	Leila KarimiZandi	
The effect of high-intensity interval training and coenzyme Q10 supplementation on passive avoidance memory and synaptic plasticity in a rat model of amyloid beta-induced Alzheimer's disease	Samira Pouyanmajd	
Exploring the Predictive Power of TMS-EEG in Cognitive Abilities: A Correlation Analysis with Three Cognitive Tasks	Mojtaba Chizari	
Geraniol improves passive avoidance memory and hippocampal synaptic plasticity deficits in a rat model of Alzheimer's disease	Shekofeh Bagheri	
Effects of nano-curcumin on noise stress-induced hippocampus-dependent memory impairment: behavioral and electrophysiological aspects	Azam Alinaghypour	
Context-specific and context-invariant computations of interval timing	Ahmad Pourmohammadi	
Effects of Reward and Punishment on Reaction Time and Performance During a Target Selection Task	Najme Golimahmoudi	
Bile duct ligation alters the long-term potentiation and avoidance memory via the opioid pathway in rats	Mohadeseh Rahimi-Vala	
Online AI-Based Cognitive Assessment Platform for Comprehensive Cognitive Evaluation	Zahra Rezvani	
Stimulation-induced synaptic reorganization is shaped by inhibitory plasticity in a reduced model of Parkinson's disease	Mojtaba Madadi Asl	
Brain age estimation of neonates based on structural MRI using Gaussian process regression	Seyedeh Masoumeh Taji	
"Computational Modeling of Treatment Response to Transcranial Direct Current Stimulation (tDCS) on Fibromyalgia Pain Intensity "	Mehrnaz Hosseinzadeh	
A Hybrid Deep Cross-Channel Correlation and Attentive Spatio-Temporal Representation Learning Model for Parkinson's Disease Diagnosis Using Resting State EEG	Mohammadreza Shahsavari	
Design a diagnostic assistant for early Alzheimer's disease detection using deep learning methods on magnetic resonance imaging	Sepehr Rezaee	
Decoding visuospatial Working Memory based on spike times within visual areas relative to frontal beta oscillation	AbdolShakoor Mohammadi	
The effect of transcranial direct-current stimulation on prolonged anosmia/ hyposmia in patients with COVID-19	Naseh Yoursfi	
A Novel Gamified Approach for Objective Screening of Attention-deficit/hyperactivity Disorder in Children	Zeinab Zakani	
Protective effects of Spirulina platensis, voluntary exercise and environmental interventions on cognitive functions, BDNF changes and morphological remodeling in a preclinical model of stress	Nasrollah Moradikor	

BCNC 2023 Program

December 27-29, 2023

	The effectiveness of virtual reality-based mindfulness training on reducing the incompatibility of students with specific learning disabilities	Akram Azarnia
	Neural Roadmap of Positive, Negative, and Neutral Mood Induction impact on Driving Behavior Using fMRI	Sama Rahnemayan
	The Effect of Pathogenic and Non-pathogenic Escherichia coli Strains on Spatial Memory and Anxiety in Rat	Erfan Soroush
	Stimulation of principal pathways of hippocampal formation with different frequencies and evaluation of its effect on spatial memory consolidation in male rats	Tara Asgari
	Examining the Relationship between Response Threshold to Electrical Stimulation and Sensitivity to Pentylentetrazol Kindling in Male Rats	Nastaran RoshdRashidi
	Cannabinoid receptors and the proconvulsant effect of toxoplasmosis in mice	MohammadMahdi Ghanbari
	Neurodegeneration with Brain Iron Accumulation Disorders and Retinal Neurovascular Structure	Elahe Amini
	Laughing ceased, Nitrous oxide-induced Myelopathy evolved: A case report	Mahsa Sepahvand
14:45 - 16:15, Hall 2	Invited Speakers: Neurostimulation Chairs: Majid Memarian - Sadra Rohani - Aidin Omidvar	
	Invited Speaker: Magnetic Stimulation of the Brain, Exploring the Past, Present and Future	Majid Memarian
	Invited Speaker: Application of MR Guided Focused Ultrasound in Treatment of Movement Disorders	Sadra Rohani
	Invited Speaker: DBS, Protection or Threat?!	Aidin Omidvar
14:45 - 16:15, Hall 3	Invited Speakers: Neuropsychiatry Chairs: Mohammad vafae shahi - Mohammad Ghadirivasfi - Seyed Kazem Malakouti - Mohammadreza Shalbafan	
	Invited Speaker: Neurobiological Factors Leading to Cognitive Disorders in Autism	Mohammad vafae shahi
	Invited Speaker: How Does RDoC Define Mental Disorders in Comparison with DSM? (Presenting Some Clinical Samples) part I & II	Mohammad Ghadirivasfi
	Invited Speaker: How Suicidal Individuals Solve Problems? from Neuroimaging Perspectives	Seyed Kazem Malakouti
	Invited Speaker: Novel Pharmacological Options for Obsessive-Compulsive Disorder Treatment	Mohammadreza Shalbafan
14:45 - 16:15, Hall 4	Master Talk (1) Chairs: To be announced	
14:45 - 16:15, Hall 5	Panel: EEG Applications in Brain Mapping (National Brain Mapping Lab 2) Chairs: Ali Motie Nasrabadi - Saeed Oraei Yazdani - Bahram YarAli - Ali Motie Nasrabadi - Mansour Fatehi	
	The Role of EEG Monitoring in Brain Tumor Surgery	Saeed Oraei Yazdani
	Source Localization	Bahram YarAli
	Application of Brain Signal Processing in Medical Service	Ali Motie Nasrabadi
	Iran's Brain Mapping Biobank Experience in Refining, Storing and Retrieving of Medical Signals	Mansour Fatehi
14:45 - 16:15, Hall 6	Panel: Insights into Neurotrauma and Regenerative Strategies Chairs: Zahra Hassannejad - Mehdi Shafieien - Mahdi Sharif Alhoseini - Shohreh Mashayekhan - Alireza Soltani Khaboushan	
	Insights into Neurotrauma and Regenerative Strategies	Zahra Hassannejad
	A Closer Look at a Huge Problem: Understanding the Biomechanics of Traumatic Brain Injuries	Mehdi Shafieien
	An Overview of Traumatic Spinal Cord Injury Models for Preclinical Studies	Mahdi Sharif-Alhoseini
	Bioinspired Nanofiber Scaffolds for Nervous System Regeneration	Shohreh Mashayekhan
	Acellular Fetal Skin in Prenatal Treatment of Myelomeningocele: A Preclinical Study	Alireza Soltani Khaboushan
14:45 - 16:15, Hall 7	Workshop: Basic Principles and Applied Skills of Intraoperative Neuromonitoring (Roham Teb Co.) (2) Moderator: Alireza Tabibkhouei	

16:30 - 18:00, Hall 1 Young Investigator Award: Fast Presentations (2)
Chairs: To be announced

MicroRNA-22: a Novel and Potent Biological Therapeutics in Neurological Disorders	SeyedHamidreza RastegarMoghaddam
Administration of growth hormone ameliorates adverse effects of total sleep deprivation	Parisa Arvin
Neurochemical ameliorating of the hippocampus in dyslipidemic Alzheimer patients following Silymarin; a double-blind placebo-controlled randomized clinical trial	Auob Rustamzadeh
Truncated Whey Proteins as Bioactive Peptides Inhibit Alpha-Synuclein Fibrillization	Maryam Motamedi
The Role of Inhaled Estradiol and Myrtenol, Alone and in Combination, in Modulating Behavioral and Functional Outcomes Following Traumatic Experimental Brain Injury	Mohammad Amin Rajizadeh
Role of autotaxin in the pathophysiology of hepatic encephalopathy at the level of the gut-liver-brain axis: an in vitro and in vivo study	Ali Sepehrinezhad
Establishing of animal model of Rat Optic nerve crush	Kimia Ahmadi
Adapting International Clinical Practice Guidelines for Rehabilitation Management of Acute Spinal Cord Injury in Iran	Seyedbehnam Jazayeri
Comparison of Anterior and Posterior Surgical Approaches to Degenerative Cervical Myelopathy: A Systematic Review and Meta-analysis	Sepehr Khosrabi
Microfluidic fabrication of polycaprolactone fibers containing polydopamine-magnetic nanoparticles for nerve tissue engineering	Zahra Forootan
The effect of nanometformin on the hippocampal CA1 neurons after cerebral ischemia due to transient bilateral occlusion of common carotid arteries in rat	Jahan Chupani
Robust and Accurate Diagnosis of Multiple Sclerosis from MRI using Deep Neural Networks	Amin Mozayyan
Hypothermia, Insulin, and Combined Treatment for Intracranial Hemorrhage After Traumatic Brain Injury	Shahrokh Mousavi
Acellular fetal skin in prenatal treatment of myelomeningocele: A preclinical study	Alireza SoltaniKhaboushan
Investigating the link between inflammatory biomarkers and neurotrophic factors and cognitive impairment in MS	Niloufar Pourakbar
Evaluation of Upper Extremity Kinematic Synergies in Parkinson's Patients in ON and OFF Medication States	Erfan Kashafi
Computational Linguistics Reveals Consistent Indicators of Alzheimer's Disease across English and Persian	Sabereh Bayat
reward processing and risk preferences: an event related potential study	Sedigheh Naghel
Investigating the effectiveness of transcranial direct electrical stimulation on the electroencephalography pattern Quantification and symptoms of patients with OCD	Mohammadreza Gholipourfallahy
the effectiveness of clay therapy on self-esteem of children with specific learning disorder(dyslexia)	Maryam Bayat
Effect of sensorimotor training combined with transcranial direct current stimulation on cortical sensorimotor processing and clinical symptoms in patients with chronic low back pain	Soheila Qanbari
Construction of neural conduit with piezoelectric property with injectable gel of gellan containing alginate and curcumin with the aim of repairing nerve tissue	Farhan Delavar
Anti-tumoral effects of Riluzole in comparison with Temozolomide on Glioblastoma and Spinal Cord Tumor stem cells derived from patients	Maedeh AmiriShahri
Safety Assessment of Drug Delivery across the Blood-Brain Barrier using Rapid Short-Pulse Sequences in vivo with Variable Intensity Focused Ultrasound	Fatemeh Nasrollahi Boroujeni
Study of the effect of Itaconic acid on thermal and chemical pain induced in larva and thermal pain in adult Drosophila melanogaster	Javad Jahangiri
Acamprosate effect on neuropathic pain in rats: With emphasis on the role of ERK/MAPK pathway and SCN9A sodium channel	Fateme Mehrabi

BCNC 2023 Program

December 27-29, 2023

	The interactive effects of glucocorticoids and β -adrenoceptors in the basolateral amygdala on the expression of fear memory in a passive avoidance task in male rats	Morvarid Meamar
	Enhancement of conformity behavior with the application of a non-invasive brain stimulation technique	Farzaneh AbdollahzadehBina
	The A β neurotoxicity and the main regulatory enzyme of melatonin synthesis in pinealectomized rats	Shima Mohammadi
	Oxytocin in dorsal hippocampus facilitates auditory fear memory extinction in rats	Amir Bazaz
16:30 - 18:00, Hall 2	Panel: Neuromonitoring	
	Chairs: Mohammadreza Shahmohamdi - Siamak Alizadeh - Alireza Tabibkhouei - Amir Saeed Sedighi - Saeed Yazdani	
	General Concepts of Neuromonitoring	Siamak Alizadeh
	Speech Mapping in Awake Surgeries	Alireza Tabibkhouei
	Neuromonitoring Benefits and Tasks in Spine Interventions and Spinal Tumors	Mohammadreza Shahmohamdi
	Neuromonitoring in Vascular Surgeries and Embolectomies	Amir Saeed Sedighi
	Skull Base Surgeries and Neuromonitoring	Saeed Yazdani
16:30 - 18:00, Hall 3	Invited Speakers: Basic Neuroscience	
	Chairs: Alireza Sarkaki - Abdolrahman Sarihi - Mahmoud Hosseini	
	Invited Speaker: Anti-inflammatory, Anti-apoptotic, and Neuroprotective Potentials of Anethole in Parkinson's Disease-like Motor and Non-motor Symptoms Induced by Rotenone in Rats	Alireza Sarkaki
	Invited Speaker: Endocannabinoid System, Mood Disorder and Single Nucleotide Polymorphism	Abdolrahman Sarihi
	Invited Speaker: The Preventive Effect of NMDA Receptor Inhibition on Brain Inflammation and Behavioral Impairment Induced by Sepsis in Mice	Mahmoud Hosseini
16:30 - 18:00, Hall 4	Master Talk (2)	
	Chairs: To be announced	
16:30 - 18:00, Hall 5	Workshop: Magnetic Stimulation of the Brain, Exploring the Past, Present and Future (Farmed Tajhiz Co.)	
	Chairs: Majid Memarian	
16:30 - 18:00, Hall 6	Panel: Vestibular Rehabilitation Therapy in Neurovascular and Neurodegenerative Disorders	
	Chairs: Yones Lotfi - Maryam Ramezani - Moslem Shaabani - Meymaneh Jafari - Bahareh Soufinia - Mohanna Javanbakht	
	Neuroscience of Vestibular Rehabilitation	Yones Lotfi
	Classic Methods for Rehabilitation of the Vestibular System	Maryam Ramezani
	Electrical Stimulation for Modulating the Vestibular System (with Emphasis on MS Patients)	Moslem Shaabani
	Vestibular Rehabilitation in Stroke Patients	Meymaneh Jafari
	Vestibular Rehabilitation in Alzheimer's Patients	Bahareh Soufinia
	Novel Ways to Modulate the Vestibular System	Mohanna Javanbakht
16:30 - 18:00, Hall 7	Wokshop: Journal Indexing in International Databases (Web of Science & Scopus)	
	Chairs: Sobhan Rezaee	

BCNC 2023 Program December 27-29, 2023

Second Day, Thursday

8:00 - 9:30, Hall 1	Panel: Chinese Neuroscience Society 1	
	Chairs: Abbas Haghparast - Ameneh Rezayof - Reza Khosrowabadi	
		Jialin Zheng
	Neuro-Immune Crosstalk and Blood-Brain Barrier Dysfunction in the Pathogenesis of Transient Insult-Induced Brain Injury	Yamei Tang
	Bone marrow immunity in neuroinflammation	Qiang Liu
8:00 - 9:30, Hall 2	Panel: The Brain Photobiomodulation	
	Chairs: Peyman Hasani Abharian - Ahmad Shaker Hosseini - Payam Momeni - Sayena Hadadgar	
	Brain Photobiomodulation Therapy in PARKINSON'S in Neurodegenerative Disease	Ahmad Shaker Hosseini
	Brain Photobiomodulation Therapy in ADHD	Payam Momeni
	Brain Photobiomodulation Therapy in Addiction (1)	Peyman Hasani Abharian
8:00 - 9:30, Hall 3	Panel: Trauma	
	Chairs: Morteza Taheri - Arash Fattahi - Mahmoudreza Ashrafi - Seyed Abdolhadi Daneshi - Alireza Dastmalchi	
	Traumatic Vascular Injuries	Morteza Taheri
	Traumatic CSF Leakage	Arash Fattahi
	Pediatric Head Trauma	Mahmoudreza Ashrafi
8:00 - 9:30, Hall 4	Panel: Brain Tumor Neuroscience	
	Chairs: Yalda Nilipour - Fatemeh Sadat Mirfazeli - Reza Panahi - Mostafa Almasi - Amin Jahanbakhshi	
	Invited Speaker: 2021 WHO Classification of CNS Tumors, Do's and dont's	Yalda Nilipour
	Neuropsychiatric Aspects of Brain Tumors	Reza Panahi
	Cognitive Profile of Brain Tumors	Fatemeh Sadat Mirfazeli
8:00 - 9:30, Hall 5	Panel: Artificial Applications in Neuroscience and Microfluidic Systems	
	Chairs: Zeinab Barzegar - Behnaz Ashtari - Leila Mousavizadeh - Nasibeh Rady Raz - Elham Afjeh Dana - Parvaneh Naserzadeh	
	Artificial Intelligence in Decoding Brain Signals	Zeynab Barzegar
	Introduction of Microfluidic Systems	Behnaz Ashtari
	Application of Microfluidic-Based Technologies in Neurological Disorders by Viral Infection	Leila Mousavizadeh
Artificial Intelligence and Brain Chips: A New Synergy for a Better Life for Patients	Nasibeh Rady Raz	
Using of AI in Nanoparticle-Based Hyperthermia in Cancer Therapy	Elham Afjeh-Dana	
Investigation the Effect of Carbon Nanostructures on Human Pituitary Tumor in Microfluidic System and Modelling with AI	Parvaneh Naserzadeh	

BCNC 2023 Program

December 27-29, 2023

8:00 - 9:30, Hall 6	Panel: An Interdisciplinary Approach to Studying Social Hierarchies: Insights from Neurophysiology, Cognitive Neuroscience, and Computational Modelling	
	Chairs: Soomaayeh Heysiattalab - Hadi Mohamadpour - Faezeh Zarfsaz - Soroush Fazel - Farhad Farkhondeh Tale Navi	
	An Introduction to Social Neuroscience: The Case of Social Hierarchies and Associations with Cognitive Functions	Soomaayeh Heysiattalab
	How Social Dominance Is related to Our Short-term Memory? A Human Electrophysiology Approach	Hadi Mohamadpour
	The Effect of Social Hierarchy on mPFC-vHPC Circuit during Performing Spatial Working Memory Task: An Animal Electrophysiology Approach	Faezeh Zarfsaz
8:00 - 9:30, Hall 7	Panel: Young Neuroscientists	
	Chairs: Tara Khoeini - Mohammad Yavari - Hamidreza Javadi - Mohammad Javad Abdolhay - Ali Shokri	
	Advances in Immunotherapy for Glioblastoma Multiforme	Tara Khoeini
	Cerebellar Mutism Syndrome in Adult Patients Following Posterior Fossa Surgery, A Comprehensive Review, Case Study and AI-powered Prediction Analysis	Mohammad Yavari
	Integrative Neurooncology	Hamidreza Javadi
9:30 - 10:00, Lobby	Tea and Coffee Break	
	Panel: Keynote Speakers	
	Chairs: Ali Gorji - Maryam Khaleghi - Kiumas Ashkan	
	Keynote Speaker: Spreading Depression- related Neurological Disorders	Ali Gorji
	Keynote Speaker: The Possibilities of Epilepsy Surgery	Maryam Khaleghi Ghadiri
10:00 - 12:00, Hall 1	Keynote Speaker: Recent Advances in Neuro-oncology	
	Keynote Speaker: Keyoumars Ashkan	
	Panel: The Olfactory Pathway as a New Target for Electrical Brain Stimulation to Improve Neurocognitive Diseases	
	Chairs: Seyed Javad Mirnajafizadeh - Mohammad Reza Raoufy	
	Electrical Stimulation of Olfactory Epithelium Prevents Mechanical Ventilation-Induced Memory Impairment and Hippocampal Apoptosis and Synaptic Imbalance	Sepideh Ghazvineh
10:00 - 12:00, Hall 2	Olfactory Bulb as a Suitable Target in Anticonvulsant Effect of both Low- and High-Frequency Electrical Stimulation	Parisa Zareie
	Electrical Stimulation of Olfactory Bulb Mitigates Alzheimer's-Related Memory Decline and Pathology in a Rat Model	Payam Shahsavar
	Olfactory Epithelium Stimulation Using Air-Puff Improves the Cognitive Performance of Individuals with Acute Sleep Deprivation	Hanieh Riasi
	Panel: Application of Artificial Intelligence in Neurosurgery	
	Chairs: Jaber Hatam - Hamid Soltanianzadeh - Zeynab Barzegar - Behzad Moshiri	
10:00 - 12:00, Hall 3	Non-Invasive AI-Based Localization of Epileptic Focus for Neurosurgery	Hamid Soltanianzadeh
	Robotics in Neurosurgery	Behzad Moshiri
	AI in Neurosurgery Operation Room	Zeynab Barzegar
	Detection, Management and Prediction of Cerebral Aneurysm Outcome by AI	Jaber Hatam

BCNC 2023 Program

December 27-29, 2023

10:00 - 12:00, Hall 4	Mavaranezar Co. Workshop Moderator: To be announced	
10:00 - 12:00, Hall 5	Panel: Neuroradiology Chairs: Pedram Fadavi - Farshid Arbabi - Hoseinali Ghiasi - Maryam Garousi - Nastaran Khodakarim	
	Therapies for IDH -Mutant Gliomas	Farshid Arbabi
	Adjuvant Treatment in Low Grade Glioma	Hoseinali Ghiasi
	New Technical Developments in Glioblastoma	Maryam Garousi
	Targeted Therapy for Brain Tumours	Nastaran Khodakarim
10:00 - 12:00, Hall 6	Panel: Addiction and the Brain Chairs: Hamed Ghazvini - Hassan Abbassian - Behzad Garmabi	
	The Neural Substrates of Addiction	Hamed Ghazvini
	Cannabis and Signals Properties of the Cerebellum	Hassan Abbassian
	Circadian Rhythms and Addiction: Mechanistic Insights and Future Directions	Behzad Garmabi
10:00 - 12:00, Hall 7	Introduction to Neural Data Analysis (Matlab) Moderator: Ehsan Rezayat	
12:00 - 13:00	Pray and Lunch	
13:00 - 14:30, Hall 1	Keynote Speakers Chairs: You Wan - Ameneh Rezayof	
	Keynote Speaker: Central and Peripheral Mechanisms of Chronic Pain	You Wan
	Keynote Speaker: Targeting CB1 Receptors Using Animal Models: From Memory Impairment to Therapeutic Potential for Alzheimer's Disease	Ameneh Rezayof
13:00 - 14:30, Hall 2	Panel: Social Neuroscience, from Neural Networks to Social Dynamics Chairs: Alireza Noori - Majid Nili Ahmadabadi - Abdolrahman Najl Raheem - Pegah Nejat - Amirhossein Karimipناه - Mohammad Khademi	
	Who is a Social Neuroscientist?	Majid Nili Ahmadabadi
	Who is a Social Neuroscientist?	Abdolrahman Najl Raheem
	Who is a Social Neuroscientist?	Pegah Nejat
	Bridging Minds: The Pulse of Social Neuroscience	Amirhossein Karimipناه
	Social Neuroscience; Not just Persuasion	Alireza Noori
	Tomorrow's Social Neuroscientist: Trends and Technologies Shaping the Field	Mohammad Khademi
13:00 - 14:30, Hall 3	Panel: Craniopharyngioma; Mouth to Hypothalamus Chairs: Alireza Tabibkhomei - Alireza Sadeghipour - Reihaneh Mahmoudian - Seyed Vahid Shariat - Maryam Jalesi	
	Histopathology and Developmental Concerns of Craniopharyngioma	Alireza Sadeghipour
	Endocrinologic Aspects of Craniopharyngioma	Reihaneh Mahmoudian
	Psychiatric Disorders in Craniopharyngioma	Seyed Vahid Shariat
	Rhinologic Concerns, Exposure and Repair	Maryam Jalesi
	Surgical Approaches & Tumor Resection	Alireza Tabibkhomei

BCNC 2023 Program

December 27-29, 2023

13:00 - 14:30, Hall 4	Panel: Decision Fatigue	
	Chairs: Adel Kashefi - Hamed Kazemi - Amir Hossein Salakh - Samaneh Babaei	
	Neurobiology of Decision Fatigue	Adel Kashefi
	Marketing and Decision Fatigue	Hamed Kazemi
	Time Management	Amir Hossein Salakh
	Decision Fatigue and Mental Health	Samaneh Babaei
13:00 - 14:30, Hall 5	Panel: System Neuroscience Approaches Toward Neuropsychopharmacology and Brain Chemistry	
	Chairs: Anahita Torkaman Boutorabi - Mahdi Shafiei Sabet - Lida Shafaghi - Milad Jalilian	
	The Importance of Novel Approaches Toward Neuropsychopharmacology	Anahita Torkaman Boutorabi
	Brain Networks Perspectives on Neuropsychopharmacology	Mahdi Shafiei Sabet
	Dynamical System Theory Perspectives on Neuropsychopharmacology	Lida Shafaghi
	Computational EEG-Based Methods in Neuropsychopharmacology	Milad Jalilian
13:00 - 14:30, Hall 6	Panel: Vulnerability of the Brain to Prenatal Stress	
	Chairs: Mohammad Shabani - Iraj aghaei - Masomeh Nozari - Moazamehosadat Razavinasab - Mojhdeh Nemati	
	The Hyper Excitability of LDT and VTA Neurons Accompanies Adverse Behavioral and Cognitive Outcomes of PS	Mohammad Shabani
	Psychological or Physical Prenatal Stress Differentially Affects Cognitive and Addictive Behaviors	Iraj aghaei
	Prenatal Stress and Gabaergic System	Masomeh Nozari
	Environmental Enrichment Attenuates Developing Addictive Behaviors in a Mouse Model of Prenatal Stress	Moazamehosadat Razavinasab
	Expression Pattern Alterations of the KCC2 Chloride Transporter in Male rats following Low-Frequency Electromagnetic Field Exposure Associated with Behavioral Outcomes	Mojhdeh Nemati
13:00 - 14:30, Hall 7	Workshop Brain Phtobiomodulation (PBM) (1)	
	Moderator: Peyman Hasani Abharian	
14:45 - 16:15, Hall 1	5th Annual Report on the Iranian Practical Experience of Stem Cells Therapy in Neurological Diseases; Additive Methods and Materials	
	Chairs: Bita Shalbafan - Amir Ali Hamidieh - Mandana Mohyeddin - Bita Shalbafan - Mahmoudreza Ashrafi	
	Advances in Gene and Cell Therapy in Duchenne Muscular Dystrophy	Amir Ali Hamidieh
	Safety and Efficacy of Allogenic Mesenchymal Stem Cell Therapy (More Than 5 Years Outcome Evaluation)	Mandana Mohyeddin
	Safety and Efficacy of Mesenchymal Stem Cell Derived Exosome Therapy	Bita Shalbafan
	When Is Better Time to Start Stem Cell Therapy in Neurologic Diseases	Mahmoudreza Ashrafi
14:45 - 16:15, Hall 2	Movie Review (1)	
	Chairs: Seyed Vahid Shariat - Hamidreza Namazi - Amin Jahanbakhshi - Fatemeh Sadat Mirfazeli - Reza Panahi	
14:45 - 16:15, Hall 3	Panel: Stroke: Challenges, Progress, and Promise	
	Chairs: Mehdi Farhoudi - Saeed Sadigh Eteghad - Fereshteh Farajdokht - Sara Salatin - Gholamreza chalabianloo - Javad Mahmoudi	
	An Update on Importance of Stroke	Mehdi Farhoudi
	Post Stroke Cognitive Evaluations	Saeed Sadigh-Eteghad
	Regenerative Medicine as a Modern Therapy for Stroke: Where We Are Going?	Fereshteh Farajdokht
	Stroke Management: An Emerging role of Nanotechnology	Sara Salatin
	Application of Brain Connectivities & Neuropsychological Markers in Prediction of Stroke & Prognosis of Recovery	Gholamreza chalabianloo
	Why Animal Models of Stroke Treatment Do Not Successfully Translate into Clinical Trials?	Javad Mahmoudi

BCNC 2023 Program

December 27-29, 2023

14:45 - 16:15, Hall 4	Panel: Cognitive Neuroscience Approach in Rehabilitation of Language Disorders	
	Chairs: Fariba Yadegari - Leila Ghasisin - Hashem Farhangdoost - Hayat Ameri - Ali Jahan - Peyman Zamani	
	Neuroplasticity in Aphasia Treatments	Leila Ghasisin
	The Interaction of Limbic Language, Right Hemisphere Language and Left Hemisphere Language in the Rehabilitation of Language Disorders	Hashem Farhangdoost
	Cognitive Approach and Aphasia	Hayat Ameri
	Frequency Following Response in Language Assessment	Ali Jahan
14:45 - 16:15, Hall 5	Panel: Applications and Limitations of Radiosurgery	
	Chairs: Amin Jahanbakhshi - Seyed Amir Anvari - Arad Iranmehr - Masoumeh Najafi -	
	Radiosurgery; Gamma Knife or LINAC	Seyed Amir Anvari
	Radiosurgery in Benign Lesions	Arad Iranmehr
	Radiosurgery In Malignant Lesions	Masoumeh Najafi
	Radiosurgery in Functional Diseases	Amin Jahanbakhshi
14:45 - 16:15, Hall 6	Panel: "The Significance of Pre-Sentence Reports in the Criminal Justice System" Along with the Personality Analysis of Jeffrey Dahmer	
	Chairs: Shahid Shateripour - Amirhassan Niazipour - Mohammad Taghi Saeedi - Parya Abravani - Elnaz Jamshidian	
	Pre-Sentence Reports: Achievements of Cognitive Science to Enter the New Era of Criminal Justice	Shahid Shateripour
	The Murders Committed by Jeffrey Dahmer Through the Lens of Growth-Oriented Prevention	Amirhassan Niazipour
	Amygdala, Hypothalamus & PFC: The Jeffrey Dahmer Inside Each of Us!	Mohammad Taghi Saeedi
	Who Is Responsible? Analysis of Jeffrey Dahmer's Personality from the Perspective of Cognitive Psychology	Parya Abravani
14:45 - 16:15, Hall 7	wokshop: Brain Phtobiomodulation (PBM) (2)	
	Moderator: Peyman Hasani Abharian	
16:30 - 18:00, Hall 1	Keynote Speakers	
	Chairs: Mohsen Jamali - Giulio Maria Pasinetti	
	Keynote Speaker: Role of Alzheimer's Disease Hemapoyetic System in the Promotion of Cognitive Decline and Synaptic Impairment Independent from Amyloid Neuropalogy	Giulio Maria Pasinetti
16:30 - 18:00, Hall 2	Keynote Speaker: Large-scale Single Neuron Encoding of Semantic Information in the Human Cortex	
	Mohsen Jamali	
16:30 - 18:00, Hall 2	Movie Review (2)	
	Chairs: Seyed Vahid Shariat - Hamidreza Namazi - Amin Jahanbakhshi - Fatemeh Sadat Mirfazeli - Reza Panahi	
16:30 - 18:00, Hall 3	New Treatments for Brain Tumors	
	Chairs: Mohammad Faranoush - Amir Ali Hamidieh - Marzieh Ebrahimi - Mehdi Totonchi - Davood Bashash	
	Overview of Novel Management for Brain Tumors	Mohammad Faranoush
	The Role of Stem Cell Transplant in Management of Brain Tumor	Amir Ali Hamidieh
	CAR NK Treatment in Brain Tumors	Marzieh Ebrahimi
	Oncolytic Viruses Treatment in Brain Tumors	Mehdi Totonchi
Precision Medicine in Brain Tumours: From CAR T to the Depth of Gene Therapy	Davood Bashash	

BCNC 2023 Program

December 27-29, 2023

16:30 - 18:00, Hall 4 Panel: Occupational Therapy and Neuroplasticity
Chairs: Malahat Akbarfahimi - Malek Amini - Akbar Zahedi - Aryan Shamili - Soroush Lohrasbi

The Effect of Occupational Therapy and Rehabilitation on Cellular and Molecular Brain Plasticity	Malahat Akbarfahimi
The Role of Occupational Therapy in the Neurodevelopment of Infants	Malek Amini
The Effect of Occupational Therapy on Children's Self-Regulation Skills	Akbar Zahedi
Neuroplasticity Based on Mirror Cell System and Its Application in Occupational Therapy	Aryan Shamili
Neural Plasticity with the Help of Technologies and Cognitive Games	Soroush Lohrasbi

16:30 - 18:00, Hall 5 Iranian Neuroscience Society Meeting

16:30 - 18:00, Hall 6 Oral Presentations: Stroke
Chairs: To be announced

Tenecteplase administration for Acute Ischemic Stroke	Shahram Rafie
The Neuroprotective Effect of Fucoxanthin on Water Content, Blood Brain Barrier and Neurological Scores after Traumatic Brain Injury in Male Rats: A Behavioral, Biochemical and Histological Study	ALi Siahposht khachaki
Substantial increase in the social memory interaction by cell-free serum therapy in C/57 mice model of mPFC ischemia	SAREH KAZMI
Predictive value of interleukin-6 and inflammatory indexes for acute stroke development in hospitalized COVID-19 patients	Mohsen Sedighi
Role of M1 microglia on contralateral hippocampal long-term potentiation changes following unilateral intracerebral hemorrhage	Farzaneh Vafaei
The role of neurotransmitters in glioblastoma multiforme-associated seizures	Nooshin Ahmadirad

16:30 - 18:00, Hall 7 Workshop: Brain Phtobiomodulation (PBM) (3)
Moderator: Peyman Hassani Abharian

Third Day, Friday

8:00 - 9:30, Hall 1 Panel: PHDA (Pain-Hearing-Degeneration-Aesthetic) Chinese Neuroscience Society 2
Chairs: Abbas Haghparast - Ameneh Rezayof - Reza Khosrowabadi

Exploring Novel Ion Channels in Pain	Zhi-Yong Tan
Hypertension and the Development of Hearing Loss	You Zhou
Gastrodia Elata Polysaccharides Improves Motor and Depressive Symptoms by Inhibiting Microglia Activation in MPTP Induced Parkinson's Disease Mouse Model	Jiguang Guo
Space Hypothesis for Art Education	Jun Hu

8:00 - 9:30, Hall 2 Panel: Pseudotumor & CSF Leakage
Chair: Maryam Jalesi - Alireza Tabibkhouei - Arash Fatahi - Saleh Mohebbi - Mohammad Rohani

Case Presentation	Alireza Tabibkhouei
	Arash Fatahi
	Maryam Jalesi
	Saleh Mohebbi
	Mohammad Rohani

8:00 - 9:30, Hall 3

Panel: Behavioral, Electrophysiological, Histological, and Biochemical Evidence of the Effects of Neuroprotective Compounds in Alzheimer's Disease

Chairs: Alireza Komaki - Shokufeh Bagheri - Amir Arabi - Zahra Gholami Mahmoudian - Nafiseh Faraji - Samira Puoyan Majd - Hamid Shokati Basira

Studying the Protective and Therapeutic Effect of Geraniol in Alzheimer's Disease Model Rats: A Behavioral, Electrophysiological, Biochemical and Histological Study.	Shokufeh Bagheri
Effects of Sesamin on A β 1-42-Induced Oxidative Stress and LTP Impairment in a Rat Model of Alzheimer's Disease	Amir Arabi
Minocycline Effects on Memory and Learning Impairment in the Beta-Amyloid-Induced Alzheimer's Disease Model in Male Rats Using Behavioral, Biochemical, and Histological Methods	Zahra Gholami Mahmoudian
Investigation of Protective Effects of Coenzyme Q10 on Learning and Memory and Impaired Synaptic Plasticity in a Male Rat Model of Alzheimer's Disease	Nafiseh Faraji
The Protective Effects of High-Intensity Interval Training Combined with Q10 Supplementation on Learning and Memory Impairments in Male Rats with A β -Induced Alzheimer's Disease	Samira Puoyan-Majd
Cacao Improves Passive Avoidance Memory Impairment in a Rat Model of Alzheimer's Disease: The Role of Hippocampal Synaptic Plasticity and Oxidative Stress	Hamid Shokati Basira
Effectiveness of Lacosamide on Learning and Memory and Long-Term Potentiation Impairment in A β (1-42)-Induced Neurotoxicity in Rat Model of Alzheimer's Disease: A Behavioral, Electrophysiological, Histopathological, and Biochemical Approaches	Alireza Komaki

8:00 - 9:30, Hall 4

Cognitive Neuroscience Competition: Selected Students Projects

Chairs: Abodhossein Abbasian

8:00 - 9:30, Hall 5

Panel: Artificial Intelligence Applications in Basic and Clinical Neuroscience

Chairs: To be announced

AI-Nano-Neuro Brain Interfaces: A Promise for Brain Communication, Disease detection, and Improvement	Nasibeh Rady Raz
Using Microsoft HoloLens 2 for fast and accurate neurosurgery planning	Ahmad PourRashidi
Investigating the prediction of SAG voltage under harmaline toxicity in response to positive charge in intracellular recording data with the help of artificial intelligence	Zeinab Naseri
Epilepsy Diagnosis and Seizure Localization using Resting State EEG Analysis and Machine Learning Approach	Alireza Fallahi
Predicting the value of the first spike latency in response to positive charge in intracellular recording data from healthy and unhealthy cerebellar purkinje cell using machine learning methods	Raheleh GhouchanNezhadNoorNia
Comparing the Results of Video Head Impulse Test in Patients with Peripheral and Central Vestibular System Tumors	Moslem Shaabani
Personalized 3D-Printed Skull Prosthesis by Polyether Ether Ketone after Neurological Surgery	Sajjad Najafi
Brain effective connectome based on fMRI and DTI data: Bayesian causal learning and assessment	Mehdi Bagheri

8:00 - 9:30, Hall 6

Panel: Cognitive Neuroscience: Basic and clinical Studies

Chairs: To be announced

Dose-dependent relationship between diurnal cortisol rhythm and delay discounting in cannabis users: A matched pair case-control study	Bijan Pirnia
No Effect of Biological Sex on Syntactic Processing: Evidence from ERPs and Balanced Bilinguals	Simin Meykadeh
Impact of Phonological Awareness Intervention Combined with Transcranial Direct Current Stimulation on Rapid Automated Naming and Verbal Short Term Memory in developmental dyslexia: A Randomized Cont	Seyyedehsamaneh Mirahadi
A new statistic for steady-state evoked potentials: new insights into attention	Amir Norouzpour
A Low-Cost, Open-Source Automated System for the Assessment of Rat Cognitive Behavior	Behnaz Namdarzadeh

BCNC 2023 Program

December 27-29, 2023

	Eye Movements During Sentence Processing in High-Functioning Autistic Children Compared to Neurotypical Peers: an eye tracking study	Faezeh Dehghan
	Cognitive appraisals of disability	Maryam Shabany
8:00 - 9:30, Hall 7	Workshop: RWD Life Science Co. (1)	
9:30 - 10:00, Lobby	Tea and Coffee Break	
10:00 - 11:30, Hall 1	Panel: Applications and Benefits of Using New Virtual Reality Technology in Cognitive Neuroscience Chairs: Mohammad Reza Oshaghi - Maryam Vafaei - Vajiheh Aghamollaii - Akram Ghahghaei Nezamabadi - Katayoon Razjooyan	
	Introduction of Virtual Reality and its Applications in Cognitive Neuroscience	Maryam Vafaei
	Early Diagnosis of Alzheimers Disease Using an Immersive Virtual Reality Path Integration Test	Vajiheh Aghamollaii
	Application and Effectiveness of Virtual Reality for Anxiety and Pain Management in Obstetrics and Gynecology	Akram Ghahghaei Nezamabadi
	Virtual Reality Applications in Neurodevelopmental Disorders	Katayoon Razjooyan
	Providing Personalized Therapy with Virtual Reality: An Interactive Demo	Mohammad Reza Oshaghi
10:00 - 11:30, Hall 2	Panel: Brain Stem Tumors, Lesions and Cavernomas Chairs: Guive Sharifi - Maryam Akhavan Tavakoli	
	Neuroanatomy of Brain Stem	Maryam Akhavan Tavakoli
	Neurophysiology of Swallowing and Respiration	Batool Ghorbani Yekta
	Brain Stem Semiology and Symptomology	Mohammad Hallajnejad
	Brain Stem Tumors and Lesions Radiology	Aidin Taghilou
	Brain Stem Tumors and Lesions Surgery	Seyed Ali Mousavinejad
	Neuromonitoring	Ali Arami
	Blood Supply and Venous Drainage of the Brain Stem`s	Mohammad Hossain Mirbolok
	Cavernomas Surgery	Guive Sharifi
10:00 - 11:30, Hall 3	Panel: Experimental Models of Spinal Cord Injury and Treatment Approaches Chairs: Parviz Shahabi - Leila Hosseini - Hamid soltani zangbar - Elnaz Nakhjiri - Abbas - Ebrahimi Kalan - Nasrin Abolhasanpour	
	The Pathophysiology of Spinal Cord Injury	Parviz Shahabi
	Models and Assessment Tests of Spinal Cord Injury in Rodents	Leila Hosseini
	Cognitive Deficits following Spinal Cord Injury	Hamid soltani zangbar
	Cis Phosphorylated Tau Contribution in the Post-Injury Sequelae of Spinal Cord Injury	Elnaz Nakhjiri
	Stem Cell Therapy in Spinal Cord Injury	Abbas Ebrahimi Kalan
	Therapeutic Effects of Cerebrolysin in the Spinal Cord Injury with an Emphasize on the Bladder Function	Nasrin Abolhasanpour
10:00 - 11:30, Hall 4	Panel: Neurocinematics; Mutual Communications between Cinema and Neuroscience Chairs: Abdorreza Naser Moghadasi - Mohammadreza Moghaddasian - Lida Shafaghi - Neda Masjedi	
	What Is Neurocinema?	Abdorrezza Naser Moghaddasi
	Neurocinema Through the Lens of Cinema	Mohammadreza Moghaddasian
	Our Minds Embody the Scenes	Lida Shafaghi
	Cinema Could Assist in Psychotherapy	Neda Masjedi

10:00 - 11:30, Hall 5 Neural Plasticity: Animal Studies
Chairs: To be announced

Synergistic Effects of Piperine and Memantine on Reducing the Symptoms of Depression and BDNF Expression in Corticosterone Model of Depression in Amygdala and Hippocampus of Rat Brain	Amin Ataie
Repeated administration of N-acetylcysteine could reduce extinction-responding in the morphine conditioned rats	Seyedeh-Najmeh Katebi
NEW ALTERNATIVE IN CELL THERAPY USING ALLOGENEIC/HETEROLOGOUS SPERM HEAD TO REPAIR AND REGENERATE BRAIN IN ANIMAL MODEL OF ALZHEIMER'S DISEASE: GUIDANCES FROM REPRODUCTIVE IMMUNOLOGY	Nafiseh Pakravan
The role of miRNAs in neurodevelopment and neuropathology of the hippocampus	Mitra AnsariDezfouli
Low-Frequency Electrical Stimulation Reduces the Impairment in Synaptic Plasticity Following Epileptiform Activity in Rat Hippocampal Slices through $\alpha 1$, But Not $\alpha 2$, Adrenergic Receptors	Nooshin Ahmadi-rad
The efficacy of Vitamin B6 and alpha-lipoic acid in preventing levetiracetam depressant-like behavior in mice	Azadeh Mesripour
The role of Theta burst parameters in inducing neuroplasticity at dlPFC while measuring it by TMS-EEG	Maryam Rostami

10:00 - 11:30, Hall 6 Neuropsychiatry
Chairs: To be announced

RNA-based drugs for genetic neurological and neurodevelopmental disorders	Mohammad Javad Eslamizade
Comparison of Psychological Tenacity and Irritability of Blood Groups	Mahnaz Babaei
Endurance Training Preconditioning restores Antioxidant content and Integrity of the BBB in Hippocampus of Psychosocial Stressed Male Rats Following Cerebral Ischemia-Reperfusion	Hadi Feizi
The effects of Transcranial direct current stimulation (tDCS) on anxiety, depression and sleep quality in patients undergoing hemodialysis	Samaneh Farnia
Transcranial Magnetic Stimulation for the Treatment of Depression and Psychiatric Disorders: Separating Hope from Hype	Alireza Mohammadi
Social Cognitive Study of Inter-religious Prejudices and Stereotypes Among Kurd, Balochi, Turkmen University Students in Iran	Sobhan Rezaee

10:00 - 11:30, Hall 7 Workshop: RWD Life Science Co. (2)

11:30 - 13:00: Hall 1 Human Consciousness (Book Review)
Chairs: Abdolrahman Najlerahim - Reza Nilipour - Hasan Ashayeri - Ahmad Mohit Tabatabaei

13:15 - 13:45, Hall 1 Closing Ceremony & Awards Announcement