

## BCNC2024 Oral Presentations

کد مقاله	عنوان مقاله	ارائه دهنده	پنل ارائه	روز ارائه	زمان ارائه	سالن ارائه	مدت زمان ارائه (دقیقه)
442	Chronic inhibition of the mediodorsal thalamic nitric oxide system affected the prefrontal cortical function in a streptozotocin-induced Alzheimer's rat model	Ali Yousefi	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
692	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	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
546	The Therapeutic Potential of Plumbagin in Mitigating Behavioral Dysfunctions and Neuroinflammation in a Valproic Acid-Induced Autism Model	Hamid Askari	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
324	Memory loss induced by lisdexamfetamine in the rat: A behavioral, electrophysiological, and histopathological Study	Amirreza Beirami	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
226	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	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
125	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	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
318	Tip Optical Fiber LSPR Sensor Based on DNA Aptamer for Dopamine Detection	Soroush Rostami	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
333	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	Young Investigator Presentations (1)	Wednesday	8:00-9:30	4	10
586	Comprehensive App for Parkinson's Disease Screening and Monitoring: A Pilot Study	Atefeh Irani	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
662	Olfactory epithelium stimulation using air-puff improves the cognitive performance of individuals following acute sleep deprivation	Hanieh Riasi	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
705	Effects of intrathecal and intracerebroventricular microinjection of kaempferol on pain: possible mechanisms of action	Sajjad Jabbari	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
628	Neural Correlates of Inhibitory Control Deficits in Opium Use Disorder: An Event-Related Potential Study Using the Opium-Related Go-NoGo Task	MohammadNavid Ebrahimi	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
398	Resolving brain object categorization in space, time and frequency	Sasan Keshavarz	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10

## BCNC2024 Oral Presentations

296	Fuzzy Logic-Based Prediction Model for Endoscopic Third Ventriculostomy Outcomes in Children with Hydrocephalus	Shiva Ahmadi	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
145	Optimizing Theta Burst Stimulation Parameters: Insights from Computational Modeling for Enhanced Brain Neuromodulation	Somayeh Mahmoudie	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
448	Evaluation of subjects with TBI and PTSD, using brain olfactory functional connectivity networks with resting-state fMRI data	Sahar Mohammadjani	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
557	Parkinson's Disease Screening by Generating Artificial Data Point in Latent Space	Yasaman Haghbin	Young Investigator Presentations (2)	Wednesday	8:00-9:30	5	10
678	Chemokine-Mediated Neuroinflammation in Alzheimer's Disease: Effects of Doxycycline and LPS on Immune Response and Biomarker Identification	Anahita Esmaeili Mehr	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
606	Evaluation of HAPPYneuron®, a Computerized Cognitive Training Medium, as a Tool for Remediation of Cognitive Impairments: A Systematic Review	Nastaran Ehsanfar	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
172	The role of expected reward and efficacy in enhancing cognitive control over emotional material	Mostafa Toobaei	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
320	Somatotopic representation of action verbs: evidence from aphasia	Fateme Alipur	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
197	Exploring the Interactions Between Personality Traits, Life Satisfaction, and Familial Relationships: Insights from a Big Five Analysis	SeyedMahdi Sadati	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
726	"A New Perspective: The Imperative to Develop a Verbal Stroop Test for the Iranian Community with New Scoring Methods and Conditions."	SeyyedAsghar Moayedi	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
630	Social Setting Improves Informed Reversal Learning	Armin Taherifard	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
340	Bias in Belief: How Confirmation bias Shapes Our Views on Science, Culture, and the Supernatural	Marjan Anooshiravani	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
249	Language and Cognitive Performance: Stroop Task Analysis in Persian-English Bilinguals	Mahta Mahboubi	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
225	Personality Traits and Nomophobia in Iranian Medical Students and Paramedical Students: A Cross-Sectional Study	Athena Dehghan Najm Abadi	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
471	The effects of anxiety and external attentional focus on postural control in patients with Parkinson's disease	Seyede zohreh Jazaeri	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
173	Fatigue, stigma, and mood in patients with multiple sclerosis: effectiveness of guided imagery	Mina Beitollahi	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
582	Screening Parkinson Disease Using Fine-motor Skills	Maryam Dadkhah	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
332	Beyond traditional predictors: the impact of the pulsatility index and cortical subarachnoid space diameter on endoscopic third ventriculostomy success	Adrina Habibzadeh	Fast Presentations (1)	Wednesday	8:00-9:30	2	3

## BCNC2024 Oral Presentations

611	Comparative efficacy and safety of venlafaxine versus nortriptyline in migraine prophylaxis: A randomized, double-blind clinical trial	Saeid Iranzadeh	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
725	A case study on the effect of olfactory stimulation on a 6 years old boy with glutaric aciduria type 1 with dystonia	Hossein Bayat	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
334	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	Fast Presentations (1)	Wednesday	8:00-9:30	2	3
602	Factors Associated with Dental Fear and Anxiety During Pregnancy Among Women in Bojnord City in 2024	Hesam Hojat	Fast Presentations (2)	Friday	8:00-9:30	4	3
82	Dementia in Women Suffering from Premature Ovarian Failure	SeyedehSana Nasehi	Fast Presentations (2)	Friday	8:00-9:30	4	3
354	The Efficacy of Edaravone on Cognitive Function in Ischemic Stroke Patients: a retrospective clinical trial	Ali Alipour	Fast Presentations (2)	Friday	8:00-9:30	4	3
379	The association between baseline CSF biomarker levels and the following occurrence of psychosis and cognitive impairment in patients with Parkinson's disease	Sayeh Jalali	Fast Presentations (2)	Friday	8:00-9:30	4	3
20	Effects of acetyl-l-carnitine on histopathology and myelin-related gene expression of corpus callosum in the demyelinated mouse model	Sanaz Gharighnia	Fast Presentations (2)	Friday	8:00-9:30	4	3
393	Thermosensitive biocompatible hydrogel encapsulating stem cells for spinal cord injury repair	Elham Seidkhani	Fast Presentations (2)	Friday	8:00-9:30	4	3
193	Neural Stem Cells Secretome Increased Neurogenesis and Behavioral Performance and the Activation of Wnt/ $\beta$ -Catenin Signaling Pathway in Mouse Model of Alzheimer's Disease	Farzane Hijroudi	Fast Presentations (2)	Friday	8:00-9:30	4	3
535	Mesenchymal stem cell-derived exosomes inhibit $\alpha$ -synuclein aggregation: A potential therapeutic strategy for Parkinson's disease	Kimia Marzookian	Fast Presentations (2)	Friday	8:00-9:30	4	3
718	Evaluating the effect of human olfactory mucousmembrane derived,neural stem cell ,administration on stress-induced male rat model of depression	Fatemeh Naghizadeh	Fast Presentations (2)	Friday	8:00-9:30	4	3
404	Coenzyme Q10 and Vitamin E Attenuate Heat Stress-Induced Depression: Role of Neuroinflammatory Pathways	Beriwan Malaie	Fast Presentations (2)	Friday	8:00-9:30	4	3
201	Investigation and comparison of the effects of inhibiting NF- $\kappa$ B and HCN ion channels on behavioral changes caused by beta-amyloid injection in the frontal cortex of laboratory rats	Zahra Soleimani	Fast Presentations (2)	Friday	8:00-9:30	4	3
553	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	Fast Presentations (2)	Friday	8:00-9:30	4	3
403	Coenzyme Q10 and Vitamin E Mitigate Heat Stress-Induced Anxiety and HPA Axis Dysregulation in Mice	Behzad Mansouri	Fast Presentations (2)	Friday	8:00-9:30	4	3

## BCNC2024 Oral Presentations

729	Calcitriol reduces brain injury by inhibiting NLRP3 inflammasomes in the rat model of cerebral ischemia-reperfusion	Marjan Behdarvandy	Fast Presentations (2)	Friday	8:00-9:30	4	3
500	Investigation of the Role of Calcitriol in Improving Ischemic Injury and Expression of FGFR2 Gene in an Ischemic Stroke Model in Rats	Fahime Ramshini	Fast Presentations (2)	Friday	8:00-9:30	4	3
299	Impact of Silver Nanoparticle on Cerebral Ischemia and Memory in Male Rats	Seyedeh Farinaz Saeed	Fast Presentations (2)	Friday	8:00-9:30	4	3
162	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	Fast Presentations (2)	Friday	8:00-9:30	4	3
350	Investigation of behavioral changes following Risperidone and Aripiprazole treatment in schizophrenia-like induced by Ketamine in rats	Mobin Naderi	Fast Presentations (3)	Friday	9:45-11:15	4	3
69	Bromelain decreases oxidative stress and Neuroinflammation and improves motor function in adult male rats with cerebellar Ataxia induced by 3-acetylpyridine	Reza Bahar	Fast Presentations (3)	Friday	9:45-11:15	4	3
653	Gallic acid-loaded carrageenan effects on depressive like behaviors in animal model of cerebral ischemia/reperfusion	Parisa JahaniBahnamiri	Fast Presentations (3)	Friday	9:45-11:15	4	3
47	Effects of a Dietary Probiotic Mixture on STZ-Induced Alzheimer-Like Model in Rat: A Behavioral, Stereological, and Biochemical Approach	Ardeshir Nabizadeh zolpirani	Fast Presentations (3)	Friday	9:45-11:15	4	3
534	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	Fast Presentations (3)	Friday	9:45-11:15	4	3
367	Evaluation the obsessive-compulsive disorder and social interaction behavior on offspring of parental tramadol abstinent in male Wistar rats	Newsha Hosseini	Fast Presentations (3)	Friday	9:45-11:15	4	3
121	Investigating the anti-inflammatory effects of selegiline on diffuse brain injury in male rats: a behavioral, biochemical and histological study	Seyedehfatemezahra Khalilisangdehi	Fast Presentations (3)	Friday	9:45-11:15	4	3
301	Effect of sleep deprivation on apoptosis, oxidative stress, and motor performance in male Wistar rats	Aysan Akbarnia	Fast Presentations (3)	Friday	9:45-11:15	4	3
551	Assessment of Azithromycin's Influence on Behavioral Function in an Experimental Sciatic Nerve Injury Model	Mohammad Ebrahim Abbaszadeh Kahnamooyi	Fast Presentations (3)	Friday	9:45-11:15	4	3
171	High-dose Creatine alleviates peripheral diabetic pain and myeline destructions in STZ-induced diabetes in rats	Hosein Ataei	Fast Presentations (3)	Friday	9:45-11:15	4	3
555	Inactivation of hippocampal microglia improved amnesic and anxiogenic effects of neuroinflammation in a lipopolysaccharide-induced Alzheimer's mice model	Anahita Farrokhi	Fast Presentations (3)	Friday	9:45-11:15	4	3

## BCNC2024 Oral Presentations

647	Investigating the Analgesic Effects of Alcoholic Extract of Zarin Plant in a Compressed Sciatic Nerve Model and Formalin Test in Syrian Mice	Hesam Hojat	Fast Presentations (3)	Friday	9:45-11:15	4	3
384	The performance of treadmill exercise and enriched environment during adolescence in streptozotocin-induced amnesia in adult rats: Role of hippocampal miRNAs	Zahra Nahalekah	Fast Presentations (3)	Friday	9:45-11:15	4	3
66	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	Hosseini Zarei	Fast Presentations (3)	Friday	9:45-11:15	4	3
486	Silymarin ameliorates motor function and averts neuroinflammation-induced cell death in the rat model of Huntington's disease	Mahdi Shakeri	Fast Presentations (3)	Friday	9:45-11:15	4	3
204	Green Synthesis of Silver Nanoparticles Using Hydroalcoholic Extracts of Green Tea and Coffee, and Evaluation of Their Effects on Memory Improvement	Anisa Saadatkia	Fast Presentations (3)	Friday	9:45-11:15	4	3
	Nesfatin1 attenuates autism-like behavior via antioxidant, and anti-inflammatory activities in a prenatal valproic acid-induced rat model of autism	Fatemeh Mehrabi	Fast Presentations (3)	Friday	9:45-11:15	4	3
734	Stable Neural Signal Decoding for Brain-machine Interfaces: Leveraging Manifold Alignment to Compensate for Instabilities	Mohammadali Ganjali	Oral Presentations (1)	Thursday	8:00-9:30	7	10
744	Cerebellar Morphometry in Multiple Sclerosis and Neuromyelitis Optica Spectrum Disorder: A Comparative MRI Study Using Deep Learning Analysis	Fouad MerajiFar	Oral Presentations (1)	Thursday	8:00-9:30	7	10
25	The study of brain oscillations with the approach of disease spreading models in inhibitory networks	Mohammad Hoseini Anisi	Oral Presentations (1)	Thursday	8:00-9:30	7	10
623	A Framework for Facial Anonymization in Parkinson's Disease Diagnostic Videos	Seraj Ghasemi	Oral Presentations (1)	Thursday	8:00-9:30	7	10
559	MOHAK: A community-based study focused on enhancing communication and reducing chronic stress in Iran.	Mahdi Khodadoust	Oral Presentations (1)	Thursday	8:00-9:30	7	10
671	Correlation between SCL-90 Subscales and QEEG Markers: A Comprehensive Analysis	Mehdi Dehghani	Oral Presentations (1)	Thursday	8:00-9:30	7	10
211	The Effect of Cognitive Readiness Training on Cognitive and Academic Abilities Based on QEEG in Adolescents	Ahmadali Naji	Oral Presentations (1)	Thursday	8:00-9:30	7	10
631	Social Human-AI Interaction in Reinforcement Learning	Nafiseh MoghanizadehBafghi	Oral Presentations (1)	Thursday	8:00-9:30	7	10
513	The Dual Impact of Amitriptyline on Headache and Prolactin Levels in Patients with Migraine: A Clinical Study to Unravel the Controversies	Negar Emadeddin	Oral Presentations (1)	Thursday	8:00-9:30	7	10
624	parkinson detection using speech game	Saeed Maroof	Oral Presentations (1)	Thursday	8:00-9:30	7	10

## BCNC2024 Oral Presentations

117	Dexamethasone-Loaded PRP-Derived Exosomes Promote Functional Recovery and Modulate TNF- $\alpha$ and IL-10 Levels in a Spinal Cord Injury Mouse Model	Naeimeh AkbarGharalari	Oral Presentations (2)	Thursday	16:30-18:00	7	10
482	Upregulation of apoptotic genes and downregulation of target genes of Sonic Hedgehog signaling pathway in DAOY medulloblastoma cell line treated with arsenic trioxide	Mehrdad Ghorbanlou	Oral Presentations (2)	Thursday	16:30-18:00	7	10
11	Nanocurcumin substantially alleviates noise stress-induced anxiety-like behavior: The roles of tight junctions and NMDA receptors in the hippocampus	Azam Alinaghypour	Oral Presentations (2)	Thursday	16:30-18:00	7	10
589	Effect of Electromagnetic fields (EMF) on Apoptotic cells in Hippocampus Mitochondria of rat by Tunel Method	Fateme Abdolhosseinzaderoveshti	Oral Presentations (2)	Thursday	16:30-18:00	7	10
270	Morphological alteration of NADPH-d containing neurons in the prefrontal cortex and basolateral amygdala: A study in relation to social ranks	Zeinab Parvin	Oral Presentations (2)	Thursday	16:30-18:00	7	10
505	Tramadol: a Potential Neurotoxic Agent Affecting Prefrontal Cortices in Adult Male Rats and PC-12 Cell Line	Fakhroddin Aghajanjpour	Oral Presentations (2)	Thursday	16:30-18:00	7	10
319	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	Oral Presentations (2)	Thursday	16:30-18:00	7	10
490	Agmatine improves liver and neuronal damage in a hepatic encephalopathy induced by bile duct ligation	Sepideh Ganjalikhan hakemi	Oral Presentations (2)	Thursday	16:30-18:00	7	10
545	Neuralgia and Hippocampal Synaptic Plasticity in Adult Rats Following Adolescent Morphine Exposure	Kawsar Alami	Oral Presentations (2)	Thursday	16:30-18:00	7	10
420	Role of Neuroinflammation in Neurodegeneration Diseases.	Alireza Sarkaki	In Related Panel				
433	Role of renin angiotensin system in neuroinflammation associated cognitive impairment	Mahmoud Hosseini	In Related Panel				
518	Synergistic effect of ellagic acid and gabapentin in a rat model of neuropathic pain	HAMED GHAZAVI	In Related Panel				
72	the anti-neuronal inflammatory effects of sildenafil on severe brain trauma in male rats: a behavioral, biochemical and histological study.	Ali Siahposht khachaki	In Related Panel				
434	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	In Related Panel				
284	Cerebral inhibition of the H3K9 methylation could ameliorate blood-brain barrier dysfunction and neural damage in vascular dementia	Mina Ranjbaran	In Related Panel				

## BCNC2024 Oral Presentations

517	Amelioration of behavioral and histological impairments in somatosensory cortex injury rats by limbic mesenchymal stem cell transplantation	Mansoureh Sabzalizadeh	In Related Panel				
512	The effect of acute and chronic stress on anxiety and depression-like behavior and amygdala stress oxidative following intracerebral hemorrhage	Farzaneh Vafaei	In Related Panel				
413	Unraveling the Neuroprotective and Neurotoxic Effects of $\alpha$ -synuclein in Vascular Dementia through Behavioral Studies in Male Wistar Rats	Ghorbangol Ashabi	In Related Panel				
532	Autotoxin-Lysophosphatic-Acid Axis in Hepatic Encephalopathy: An In Vitro, In Vivo and Clinical study	Ali Sepehrinezhad	In Related Panel				
293	Role of BIX01294 in the intracranial inhibition of H3K9 methylation lessens neuronal loss in vascular dementia model	Fardin Sehati	In Related Panel				
417	Inhibition of Histone Methyltransferase Promotes Cognition and Mitochondrial Function in Vascular Dementia Model	Behjat Seifi	In Related Panel				
715	Evaluation of therapeutic effects of Prostaglandin E1 in a rat model of Alzheimer's disease via nasal route: focusing on neutrophils and brain lymphatics	Nafiseh Pakravan	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
129	Involvement of NLRC4 inflammasome through caspase-1 and IL-1 $\beta$ augments neuroinflammation and contributes to memory impairment in an experimental model of Alzheimer's like disease	Amin Ataie	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
50	Comparison of quantitative-Electroencephalogram (q-EEG) measurements between patients of dementia with Lewy bodies (DLB) and Parkinson disease dementia (PDD)	Mehrnaz Rezvanfard	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
638	The Comparison of Attention and Concentration Processes between Normal Elderly People and Elderly People with Alzheimer Disease	Mostafa Zarean	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
166	Pomegranate Seed Oil Can Reduce Density of Amyloid Plaques in the Hippocampal CA1 Area of Male Rat Model of Alzheimer's disease	Emsehgol Nikmahzar	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
164	Vitamin B12 Reduce Density of Cytochrome C-immunoreactive Neurons in the Hippocampal CA1 Area of Male Rat Model of Alzheimer's disease	Fatemeh Saraei	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
86	Deregulation of melatonin receptors and differential modulation of after-hyperpolarization and I <sub>h</sub> currents using melatonin treatment due to amyloid- $\beta$ -induced neurotoxicity in the hippocampus	Mohammad Javad Eslamizade	Oral: Neurodegeneration	Wednesday	16:30-18:00	6	10
681	Assessment of Attentional Bias in Internet Gaming Disorder	Alimohammad Pourrahimi	Oral: Addiction	Wednesday	8:00-9:30	7	10

## BCNC2024 Oral Presentations

733	Effectiveness of attention bias modification in reducing impulsive behaviors and substance craving	Mania Asgharpour	Oral: Addiction	Wednesday	8:00-9:30	7	10
29	A new neural diathesis-stress model of cannabis addiction based on the diurnal cortisol pattern and childhood maltreatment in users	Bijan Pirnia	Oral: Addiction	Wednesday	8:00-9:30	7	10
694	Protective effect of melatonin against methamphetamine-induced attention deficits through miR-181/SIRT1 axis	Mitra AnsariDezfouli	Oral: Addiction	Wednesday	8:00-9:30	7	10
43	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	Oral: Addiction	Wednesday	8:00-9:30	7	10
658	Long-lasting effects of adolescent morphine exposure on action potential characteristics of vIPAG neurons	Nasrin Houshmandi	Oral: Addiction	Wednesday	8:00-9:30	7	10
566	Atorvastatin's role in extinction and reinstatement prevention of morphine conditioned preference through BDNF upregulation in rats	Shiva Hashemizadeh	Oral: Addiction	Wednesday	8:00-9:30	7	10
680	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	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
	Biomarkers of cognitive impairment in multiple sclerosis: Advances in identification and clinical implications	Mehrdad Roozbeh	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
	Advancing understanding and rehabilitation of cognitive impairment in multiple sclerosis: From mechanisms to interventions	Mehrooz Roozbeh	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
170	Evaluation the effectiveness of transcranial direct current stimulation on hand function in healthy individuals; A randomized controlled clinical trial study	Afsaneh Dadarkhah	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
180	Effect of combined treatments on Tinnitus	Maryam Emadi	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
466	"Skinner's Verbal Behavior Theory and Its Neural Foundations: From Behaviorism to Neuroscience in Treating Disorders"	Shahin Ahmadian	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
351	Modification of Cortical Electrical Activity in Stroke Survivors with Abnormal Subjective Visual Vertical: An eLORETA Study	Meymaneh Jafari	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
259	Recent Updates on Current and Emerging Therapies for Tinnitus	Mehri Maleki	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
709	Glioma theranostics; Where We Stand and Future Directions	Auob Rustamzadeh	Oral: Cincial Neuroscience	Thursday	16:30-18:00	5	10
80	Is free will a fundamental issue in neuroscience?	Mohammadali Arami	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
530	Relationship between sexual deprivation and memory in male rats	Enayat Anvari	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10



## BCNC2024 Oral Presentations

232	Activation of the Supplementary Motor Area (SMA) during auditory sentence processing	Simin Meykadeh	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
156	The interplay between cognitive performance and electroencephalographic features in air traffic controllers: a real-world study	Marzieh Izadilaybidi	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
720	Mastering the Magic Wand of Cognitive Techniques for Enhancing Adolescents' Divergent Thinking: Perceptions, Processes, and Products	Forough Kasiri	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
717	Transmission of behavioral and cognitive impairments across generations in rats subjected to prenatal valproic acid exposure	Farahnaz Taheri	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
115	Early enriched environment prevents cognitive impairment in an animal model of schizophrenia induced by MK-801: Role of hippocampal BDNF	Mohsen Basiri	Oral: Cognitive Neuroscience	Friday	8:00-9:30	2	10
414	Cognitive impairments in epileptic disorders and role of serotonergic system	Abdolrahman Sarihi	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
315	Diverse Behavioral Responses of astrocytes from Different Brain Locations of Epileptic Patients to Small Molecules	Javad Momeni	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
506	Trigonelline neuroprotective effects against pentylenetetrazole-induced seizures in rats by targeting inflammation and oxidative stress	Donya Nazarinia	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
42	Decreased mitochondrial ATP-sensitive potassium channel contributes to exacerbating seizure and neuronal loss in epilepsy: the role of KIR6.1/ SUR2B subunits	Ali Mohammadkhanizadeh	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
688	New insights into neural induction in vertebrate embryo	Mohsen Sagha	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
477	Isolation and characterization of human amniotic fluid and SH-SY5Y/ BE (2) M17 cell (neuronal stem cell models) derived exosomes	Nayer Seyfizadeh	Oral: Neuroexcitability	Friday	11:30-13:00	4	10
447	Neuroprotective effects of Aripiprazole on colitis and associated depression in rats	Parvaneh RahimiMoghaddam	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
622	N-methyl-D-aspartate receptor (NMDAR) blockers improved depressive behavior initiated by levetiracetam administration in mice	Azadeh Mesripour	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
151	Investigating the difference in GLUD1 gene expression changes in the left and right brain hemispheres of mice with induced depression	AliMohammad Ahadi	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10

## BCNC2024 Oral Presentations

521	Depressive-like behaviours, cognitive impairment and hippocampal microglia activation following exposure to air pollution nanoparticles	Mojtaba Ehsanifar	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
174	New insight into the mechanism of Aripiprazole effects in stress-induced depressive disorders, through modulation of Cacna1c and GR interactions	Somayeh Dashti	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
218	Prolonged stress-induced depression-like behaviors in aged rats are mediated by endoplasmic reticulum stress and apoptosis in the hippocampus	Arshad Ghaffari-Nasab	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
220	Mitotherapy restores hippocampal mitochondrial function and cognitive impairment in aged male rats subjected to chronic mild stress	Gonja Javani	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
504	Effectiveness of combined cognitive-behavioral therapy and TDCS in improving symptoms of depression , rumination and emotion regulation in people with MD.	Leila Heydarinasab	Oral: Mood and Anxiety	Wednesday	16:30-18:00	5	10
251	Potential neuroprotective effect of nanomicellar curcumin on learning and memory functions following subacute exposure to bisphenol A in adult male rats	Mahmoud Gorji-Valokola	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
136	The effect of SARS-CoV-2 on the development of Parkinson's disease: the role of $\alpha$ -synuclein	Farideh Iravanpour	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
721	The effects of incensole acetate on neuro-inflammation, brain-derived neurotrophic factor and memory impairment induced by lipopolysaccharide in rats	Narges Marefati	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
741	Study of IFI-16 gene expression in patients with multiple sclerosis in Chaharmahal and Bakhtiari	Nahid Jivad	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
740	Combined Training Improves the Expression Profile of Inflammation-associated Antimicrobial Peptides, MicroRNAs, and TLR-4 in Patients with Multiple Sclerosis	Zahra Forouzandehshahrakei	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
96	Beneficial antioxidant properties of betaine against oxidative stress mediated by levodopa/benserazide in the brain of rats	Masoud Alirezaei	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
185	Therapeutic effect of Everolimus, an mTOR inhibitor in rats with intracerebral hemorrhage: reduced inflammation, oxidative stress, and enhanced neuroprotection	Fatemeh Forouzanfar	Oral: Neuroinflammation	Thursday	10:00-12:00	6	10
570	Which is more likely to affect balance and emotion regulation of children with ASD? Emotional or physical pain?	Mahboubeh Ghayournajafabadi	Oral: Pain	Wednesday	8:00-9:30	6	10
158	Evaluating the synergistic effect of codeine, oxycodone and metformin on reducing neuropathy and expression of TNF- $\alpha$ and IL6 and increasing Sirt1 in diabetic mice	Ramin Ataee	Oral: Pain	Wednesday	8:00-9:30	6	10

## BCNC2024 Oral Presentations

153	Neurodegeneration in Hippocampal CA1 Neurons Induced by Chronic Pain Following Unilateral Ureteral Obstruction in Male Wistar Rats	Sajjad Salari	Oral: Pain	Wednesday	8:00-9:30	6	10
78	MicroRNA-155 in neuroinflammation and neurological disorders: A potent biological and therapeutic target	Abbas Mohammadipour	Oral: Pain	Wednesday	8:00-9:30	6	10
361	Nitric oxide modulates short and long-term changes in hyperalgesia, anxiety and cognitive deficits induced by empathy	FATEMEH Mohammadi	Oral: Pain	Wednesday	8:00-9:30	6	10
76	Positive Impact of Metformin on Reducing Tolerance to the Analgesic Effects of Sodium Salicylate in Male Rats	Masoumeh Gholami	Oral: Pain	Wednesday	8:00-9:30	6	10
	Trans-Crainal focused ultrasound Brain Stimulation	Payman Hassani Abharian	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
359	Paper1:Validation of NeuroTrack: Comparative MRI Volumetry Analysis with VolBrain for Diagnostic Applications	Hamidreaz Salighehrad	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
108	Intelligent neurotechnology in stress	Boshra Hatef	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
143	Deep learning for early Alzheimer's Disease diagnosis	Zohre Moattar Hussein	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
329	Classification of Schizophrenic Patients and Healthy Controls Using Resting State Functional MRI Images and Machine Learning Approach	Alireza Fallahi	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
391	Artificial Intelligence for Smart Targeted Brain and Nerve Repairment	Nasibeh Rady Raz	Oral:Neurotechnology	Thursday	16:30-18:00	2	10
497	The effect of mobile phone electromagnetic waves on spatial memory in male rats with post-traumatic stress disorder	Kataneh Abrari	Oral:Neurotechnology	Thursday	16:30-18:00	2	10