

## BCNC 2023 Poster Presentations

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120	Minocycline effects on the beta-amyloid-induced memory and learning deficit in male rats: a behavioral, biochemical, and histological study	Poster	<b>Zahra Gholamimahmoudian</b>	Wednesday	14:00 - 16:00
310	Mild foot electrical stimulation is comparable with phenytoin in inhibiting pentylenetetrazol-induced kindling in rats	Poster	<b>Arefeh Ghasemidehno</b>	Wednesday	14:00 - 16:00
557	Identification of Schizophrenia through Electroencephalography (EEG) Power Spectrum Density (PSD) and Functional Connectivity (FC) using Convolutional Neural Networks (CNNs)	Poster	<b>Tohid Babaie</b>	Wednesday	14:00 - 16:00
309	Improving effect of mild foot electrical stimulation on pentylenetetrazole-induced impairment of learning and memory	Poster	<b>Monira Abasi Moghadam</b>	Wednesday	14:00 - 16:00
666	Dynamic Functional Connectivity Analysis Based on Extracted ROIs from Linear Mixed Effects Models in a Factorial Cue-Reactivity/Go-NoGo Task in Individuals with Methamphetamine Use Disorders	Poster	<b>Sara Jafakesh</b>	Wednesday	14:00 - 16:00
36	Predicting the Relapse of Obsessive-Compulsive Disorder Based on the Physical-Psychological Components of Corona Anxiety and Emotional Self-Regulation in Patients with Obsessive-Compulsive Disorder	Poster	<b>Behzad Behrouz</b>	Wednesday	14:00 - 16:00
338	Histopathological and molecular evaluation of the subventricular zone following three weeks of cuprizone withdrawal in chronic demyelination C57BL/6 mouse model	Poster	<b>SeyedMohammadhadi Mirab</b>	Wednesday	14:00 - 16:00
427	Anandamide attenuates neurobehavioral deficits and EEG irregularities in the chronic sleep deprivation rats: The role of oxidative stress and neuroinflammation	Poster	<b>Rafie Belali</b>	Wednesday	14:00 - 16:00
22	Investigation of the quercetin effects on conditioned fear extinction in PTSD rats	Poster	<b>Adele Khodaparast</b>	Wednesday	14:00 - 16:00
454	Improving Prosocial Choice Behavior by Environmental Enrichment and Intranasal Oxytocin Administration in an animal model of Early-life Stress	Poster	<b>Sara Joushi</b>	Wednesday	14:00 - 16:00
53	Cross state-dependent memory retrieval between tramadol and ethanol: involvement of dorsal hippocampal GABAA receptors	Poster	<b>Mohammad Sheibani</b>	Wednesday	14:00 - 16:00
316	Eslicarbazepine prevents memory impairment in rats with glioblastoma	Poster	<b>Nastaran Afsordeh</b>	Wednesday	14:00 - 16:00
626	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.	Poster	<b>Esmail Mohammadbagheri</b>	Wednesday	14:00 - 16:00
597	Investigating the Effects of Acupuncture and Laser Acupuncture on Memory and Learning Processes: A protocol study for A Randomized Controlled Trial	Poster	<b>Morteza Tabrizi</b>	Wednesday	14:00 - 16:00
377	The Dynamic Link: Exploring Emotions and Pupil Size Variations	Poster	<b>Helia Taghavi</b>	Wednesday	14:00 - 16:00
247	Investigating the effectiveness of Unified transdiagnostic protocol on emotion regulations & persistence on treatment in patients undergoing methadone maintenance therapy	Poster	<b>Zahra Mokhtari</b>	Wednesday	14:00 - 16:00
254	The effects of different durations of heat stress exposure on heat shock protein 70, oxidative stress and endoplasmic reticulum stress markers in the cerebellum	Poster	<b>Behzad Mansouri</b>	Wednesday	14:00 - 16:00
482	Evaluation of nicotine effects on depression-like behaviors in male offspring of paternal and/or maternal nicotine exposed Wistar rat.	Poster	<b>Kiyana Rohbani</b>	Wednesday	14:00 - 16:00

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111	Measurement of inflammatory factors (TNF- $\alpha$ ) in the cerebrospinal fluid of dogs suffering from neurological distemper: effect of TNF- $\alpha$ -secreting DC on T-Cell proliferation	Poster	<b>Akram Aminian</b>	Wednesday	14:00 - 16:00
182	Pre-nutritional effects of hot (cinnamon) and cold (lentil) temperaments on the animal model of stroke	Poster	<b>Solmaz Najjary</b>	Wednesday	14:00 - 16:00
671	Comprehensive System Analysis and Simulation of Isolated Neuron(HMR)	Poster	<b>Mashkour Mansouri</b>	Wednesday	14:00 - 16:00
515	Probiotic supplementation restores spatial learning and memory deficits induced by prenatal stress	Poster	<b>Fatemeh Aghighi</b>	Wednesday	14:00 - 16:00
409	Effects of zinc supplementation and treadmill exercise during pregnancy on prenatal stress-induced learning and memory deficits, neurogenesis biomarkers and cell apoptosis in adult male rats	Poster	<b>Sina Fatehfar</b>	Wednesday	14:00 - 16:00
536	The effectiveness of computer-based cognitive rehabilitation (Maghzineh), on the working memory of students with reading learning disabilities.	Poster	<b>Mahdiyeh Radmard</b>	Wednesday	14:00 - 16:00
9	Investigating the mediating role of information processing speed in the structural relationships of cognitive emotion regulation with adaptation in students with specific learning disabilities	Poster	<b>Akram Azarnia</b>	Wednesday	14:00 - 16:00
193	Strengthening the therapeutic effect of neural stem cells on stroke: Focus on biomolecules	Poster	<b>Mahsa Hasanzadehmoghadam</b>	Wednesday	14:00 - 16:00
468	Comparing the Synaptic Potentiation in Schaffer Collateral-CA1 Synapses in Dorsal and Intermediate Regions of the Hippocampus in Normal and Kindled Rats	Poster	<b>Maryam Sharifi</b>	Wednesday	14:00 - 16:00
156	Selegiline ameliorates spatial memory impairment in a rat model of Alzheimer's disease: The role of hippocampal synaptic plasticity and oxidative stress.	Poster	<b>Hamid Shokati Basir</b>	Wednesday	14:00 - 16:00
555	Role of Glucocorticoid and Mineralocorticoid receptors of the mPFC in morphine-induced conditioned place preference (CPP) and expression of dopamine transporter (DAT) in male adult rats	Poster	<b>Mehrnoush Rahmani</b>	Wednesday	14:00 - 16:00
346	Zataria multiflora extract reverses lipopolysaccharide-induced neuroprotective and memory disorder in rats	Poster	<b>Zohreh Arab</b>	Wednesday	14:00 - 16:00
531	Comparison of behavioral indices of harmaline-intoxicated rats with low, medium and high doses of WIN 55 212, a cannabinoid receptor agonist	Poster	<b>Kimia Ahmadi</b>	Wednesday	14:00 - 16:00
440	A machine learning approach for automatic identification of the best cell for patch clamp in whole cell recording images	Poster	<b>Fatemeh BaharvandAhmadi</b>	Wednesday	14:00 - 16:00
25	Reparative effects of local and intraperitoneal application of platelet-rich plasma (PRP) in hypothalamic arcuate nucleus lesion model in female rats.	Poster	<b>Elham Abbasi</b>	Wednesday	14:00 - 16:00
136	Renal Denervation Influences Angiotensin II Types 1 and 2 Receptors	Poster	<b>Hajaralsadat Hosseini-Dastgerdi</b>	Wednesday	14:00 - 16:00
412	Beneficial Effects of Japanese Sake Yeast on Anxiety-Like Behaviors, BDNF levels and mRNA expression of TNF- $\alpha$ and IL-6 in a Preclinical Model of Global Cerebral Ischemia/Reperfusion	Poster	<b>Motahareh Haghipanah</b>	Wednesday	14:00 - 16:00

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570	Effects of FICZ, as an endogenous ligand of AHR on social defeat-induced depression	Poster	<b>Fereshteh AsadiDolatabad</b>	Wednesday	14:00 - 16:00
548	Effect of acute bupropion injection a dopamine and noradrenaline reuptake inhibitor on neuropathic pain in a rat model of chronic constriction injury (CCI)	Poster	<b>Reyhaneh Mirabzadeh fini</b>	Wednesday	14:00 - 16:00
224	A protocol for reconditioning microelectrodes for reuse in electrophysiological recording	Poster	<b>Leila Rezayat</b>	Wednesday	14:00 - 16:00
104	Investigating the anti-inflammatory and analgesic effect of Prosopis cineraria in experimental animals	Poster	<b>Neda Naeimirad</b>	Wednesday	14:00 - 16:00
486	The impact of parental nicotine abstinence on pain perception in the first generation of male rats.	Poster	<b>Saeid Ataei</b>	Wednesday	14:00 - 16:00
624	Leveraging Machine Learning Algorithms for Brain Stroke Prediction: A Kaggle Dataset Analysis	Poster	<b>Ehsan GhazanfariSavadkoohi</b>	Wednesday	14:00 - 16:00
78	The study of anti-inflammatory and analgesic of hydroalcoholic extract of Helichrysum leucocephalum in experimental animals	Poster	<b>Mohadeseh Mohebbi</b>	Wednesday	14:00 - 16:00
232	Effect of hair follicle-derived stem cells (HFSCs) against memory impairment induced by intracerebroventricular administration of streptozotocin in male rats	Poster	<b>Elahe Rafiei</b>	Wednesday	14:00 - 16:00
73	Protection of dopaminergic neurons by rilmenidine in the 6-hydroxydopamine model of Parkinson's disease	Poster	<b>Ali Dehghaninejad</b>	Wednesday	14:00 - 16:00
401	Hydro-ethanolic extract of pomegranate peel improved learning and memory and attenuated oxidative stress in the brain in a rat model amnesia induced by cholinergic dysfunction	Poster	<b>Mahsan Akbarian</b>	Wednesday	14:00 - 16:00
85	Comparison among therapeutic effects of escitalopram, crocin and co-administration of them on long-term potentiation of hippocampal CA1 area in rats with depression	Poster	<b>Mehran Joodaki</b>	Wednesday	14:00 - 16:00
610	An exploration of sensory-motor skills in professional eSports players	Poster	<b>Faezeh Rezaei</b>	Wednesday	14:00 - 16:00
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510	Utilizing Silk proteins as biomaterials suitable for in vitro Blood-Brain Barrier model development	Poster	<b>Arghavan Fattahi</b>	Wednesday	14:00 - 16:00
291	Retrospective Evaluation of Ventriculomegaly in Fetal Brain MRI Based on Neurological Development in Newborns and Toddlers	Poster	<b>Zahra Noori</b>	Wednesday	14:00 - 16:00
416	The Protective Effect of Glycitin on Memory Impairment in Male Wistar Rats	Poster	<b>Saghi HakimiNaeini</b>	Wednesday	14:00 - 16:00
240	Cerebrolysin and Environmental Enrichment attenuate on Hippocampal Oxidative Stress Status and Neuroinflammation in Post-Ischemic Depression Model in Mice	Poster	<b>SeyedZanyar Athari</b>	Wednesday	14:00 - 16:00
241	Effect of Hydroxychloroquine on Locomotor disturbances and Oxidative Stress Status in Parkinson's disease in Adult Male Rat	Poster	<b>SeyedZanyar Athari</b>	Wednesday	14:00 - 16:00
522	The effects of endurance exercise and metformin on memory impairment caused by diabetes	Poster	<b>Mahtab Fouladi</b>	Wednesday	14:00 - 16:00
231	The effectiveness of anodal tDCS on the mPFC of individuals with obsessive-compulsive disorder background, in decision-making under ambiguity	Poster	<b>Ramina Chehrebsaz</b>	Wednesday	14:00 - 16:00

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230	Ameliorating effect of nasal breathing on individuals cognitive performance following one night of partial sleep deprivation	Poster	<b>Hanieh Riazi</b>	Wednesday	14:00 - 16:00
441	Grafted Sertoli cells prevent neuronal cell death and memory loss induced by seizures	Poster	<b>Reza Bahar</b>	Wednesday	14:00 - 16:00
444	Tramadol induces apoptosis, inflammation, and oxidative stress in rat choroid plexus	Poster	<b>Reza Bahar</b>	Wednesday	14:00 - 16:00
325	The relationship between Corona disease anxiety and sleep disturbances in medical staff: The mediating role of resiliency and cognitive flexibility	Poster	<b>Arya Haddadi</b>	Wednesday	14:00 - 16:00
477	The $\omega$ -3 endocannabinoid docosahexaenoyl ethanolamide reduces seizure susceptibility in mice by activating cannabinoid type 1 receptors	Poster	<b>MohammadMahdi Ghanbari</b>	Wednesday	14:00 - 16:00
205	Thymol reduces anxiety behavior and increases BDNF expression in the hippocampus of immobilized rats	Poster	<b>Yasaman Peirovy</b>	Wednesday	14:00 - 16:00
162	The effect of pyridoxine supplementation with antiepileptic drugs on seizures, antioxidant levels and inflammatory factors in infant rat brain in maximal electroshock model	Poster	<b>Morteza Fathi</b>	Wednesday	14:00 - 16:00
432	Antidepressant effects of the Echium amoenum Seed Oil on mice with chronic unpredictable mild stress	Poster	<b>Fatemeh Fathtabar Firouzjaee</b>	Wednesday	14:00 - 16:00
273	Blockade of the orexin receptor type 1 of the basolateral amygdala induces hyperalgesia in dominant male rats	Poster	<b>Sharareh Khavandkari</b>	Wednesday	14:00 - 16:00
506	The Effects of Early Maternal Deprivation on Cognitive Function and Morphology of Hippocampal CA3 Pyramidal Neurons in Adult Rats	Poster	<b>Fatemeh Joghataie</b>	Wednesday	14:00 - 16:00
74	Endocannabinoids reduce the expression of the alpha-3 subunits of the GABAA receptors of the basolateral amygdala during formalin-induced inflammatory pain modulation in adult male rats	Poster	<b>Fateme Nasser</b>	Wednesday	14:00 - 16:00
391	Human adipose tissue derived stem cells effect Cdk5 and P53 expression in the hippocampus of rat model of Alzheimer's disease	Poster	<b>Reshad Rezapour</b>	Wednesday	14:00 - 16:00
494	Vitamin B1 improved learning and memory and attenuated oxidative stress and acetylcholinesterase activity in the brain in a rat model of hypothyroidism	Poster	<b>Rasul Saberi</b>	Wednesday	14:00 - 16:00
395	Comparison of cognitive functions and drug craving in women and men under maintenance treatment with methadone and buprenorphine	Poster	<b>Farkhonde Nabavi</b>	Wednesday	14:00 - 16:00
255	Establishing a Patient Reported Outcome Measure for Spinal Cord Injury and Spine Fracture Patients: Assessing Health Status, Quality of Life, and Life Satisfaction	Poster	<b>Homayoon Khaledian</b>	Wednesday	14:00 - 16:00
487	Which one is more Appetizing? Blue or Red: An eye tracking study	Poster	<b>Fatemeh Sadeghi</b>	Wednesday	16:00 - 17:30
134	Adipose-derived mesenchymal stem cells reduced transient cerebral ischemia injury by modulation of inflammatory factors and AMPK signaling	Poster	<b>Reyhaneh Vali</b>	Wednesday	16:00 - 17:30
581	Investigation the effects of Caffeic Acid Phenethyl Ester simultaneous with Levodopa and Benserazide on Parkinson's Models in Rats	Poster	<b>Parnia Tarahomi</b>	Wednesday	16:00 - 17:30

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560	Oligodendrocyte lineage cell gene expression following three weeks of cuprizone withdrawal in the chronic demyelination C57BL/6 mouse mode	Poster	<b>Amin Zolfaghari</b>	Wednesday	16:00 - 17:30
576	Investigation of the simultaneous administration effects of Levodopa, Benserazide, and Nortriptyline in an experimental laboratory model of Parkinson's in rats,	Poster	<b>Emad Gholami</b>	Wednesday	16:00 - 17:30
147	A study of the effects of clove extract activated by plasma on the learning deficits and hippocampal superoxide dismutase activity in VPA-induced rat	Poster	<b>Maryam FaghiehNeiresy</b>	Wednesday	16:00 - 17:30
299	Exploring the Therapeutic Potential of Human Hair Follicle Stem Cells in a Rat model of Alzheimer's Disease	Poster	<b>Yasaman Mohammadi</b>	Wednesday	16:00 - 17:30
655	Enhancing Cognitive Flexibility And Providing Relief From Obsession: tDCS As A Novel OCD Treatment	Poster	<b>Seyedmohammadsaeid Saeid</b>	Wednesday	16:00 - 17:30
430	Predicting inhibition through connectivity between left and right dorsolateral prefrontal cortex (DLPFC)	Poster	<b>Parisa Rahnamayelashkami</b>	Wednesday	16:00 - 17:30
513	Minocycline-loaded niosome plays an important role in improving the autistic-like behaviors	Poster	<b>Amirhesam Shahbakhshrazavi</b>	Wednesday	16:00 - 17:30
214	Comparative evaluation of donepezil and hyssopus officinalis extract on the expression of TNF- $\alpha$ in an rat model of Alzheimer's disease	Poster	<b>Mohammadreza Najafzadeh</b>	Wednesday	16:00 - 17:30
245	Effects of chronic social inequality conditions on fear learning and locomotor activity in demonstrator rats	Poster	<b>Mohammad Mazaheri</b>	Wednesday	16:00 - 17:30
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187	Imipramine reduces movement disorders in a rat model of Parkinson's disease	Poster	<b>Mahdi HajiBabaei</b>	Wednesday	16:00 - 17:30
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176	Investigating the effects of N-acetylcysteine on memory impairment induced by ICV-streptozotocin rat model.	Poster	<b>Yasaman Firouzjaee</b>	Wednesday	16:00 - 17:30
456	Microfluidic Manufacturing of Chitosan Microfibrous Scaffolds to Navigate Neuron-like PC12 Cells	Poster	<b>Zahra Katoli</b>	Wednesday	16:00 - 17:30
629	Cognitive Decline Prediction in Parkinson's Disease: A Hybrid Machine Learning Approach using Clinical and DAT SPECT Imaging Features	Poster	<b>Ali FathiJouzani</b>	Wednesday	16:00 - 17:30
632	The Effect of Transcranial Direct Current Stimulation on Emotion Perception in Multimodal Content Targeting the Right Dorsolateral Prefrontal Cortex in Two Dimensions: Valence and Arousal	Poster	<b>Roya Hasheminejad</b>	Wednesday	16:00 - 17:30

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421	Soy extract improved spatial learning and memory and attenuated oxidative stress in a rat model of cognitive impairment induced by scopolamine	Poster	<b>Elahe Eshtad</b>	Wednesday	16:00 - 17:30
243	A Comprehensive Scientometric Study of Neurosurgical Research in Iran: Quantifying Quantity, Quality, and Level of Evidence	Poster	<b>Seyedyasin Tabatabaeimehr</b>	Wednesday	16:00 - 17:30
467	Investigation of the effect of Itaconic acid on behavioral disorders induced by global cerebral ischemia/reperfusion	Poster	<b>Zahra Delavari</b>	Wednesday	16:00 - 17:30
148	The effect of imipramine on neurotrophic factors in a rat model of Parkinson's disease	Poster	<b>Bagher Jafarvand Geiklou</b>	Wednesday	16:00 - 17:30
151	Neuroprotective efficacy of Evodiamine in a rat model of Parkinson disease	Poster	<b>Hootan Shahdoost</b>	Wednesday	16:00 - 17:30
258	Beneficial effects of spirulina microalgae on superoxide dismutase activity and cognitive disorders induced by STZ in male Wistar rats	Poster	<b>Fatemeh Zeinihamzekolaei</b>	Wednesday	16:00 - 17:30
169	Melatonin alleviate arsenic induced toxicity in rat cerebellum	Poster	<b>Azim Zaeimbashi</b>	Wednesday	16:00 - 17:30
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551	Design, synthesis, and biological evaluation of coumarin-chalcone hybrid derivatives with antioxidant and neuroprotective properties in in-vitro, in-vivo, and in-silico models of cerebral ischemia	Poster	<b>Maryam Mohammadnia</b>	Wednesday	16:00 - 17:30
40	Investigating the effect of aqueous extract of saffron stigma on the analgesia and hyperalgesia effects of morphine in Drosophila melanogaster larvae	Poster	<b>Fahimeh Pasebanbarkish</b>	Wednesday	16:00 - 17:30
372	Multi-View Sequential Model for automatic identification of schizophrenia based on EEG signals using dynamic functional connectivity analysis	Poster	<b>MASTOOREH SADEGHI</b>	Wednesday	16:00 - 17:30
608	The effect of Escherichia coli outer membrane vesicles (OMVs) on anxiety-like behavior in focal cerebral ischemial model.	Poster	<b>Erfan Soroush</b>	Wednesday	16:00 - 17:30
489	EEG Source Localization Using a Hybrid Spatiotemporal Recurrent Convolutional Neural Network	Poster	<b>Mohammadreza Shahsavari</b>	Wednesday	16:00 - 17:30
371	Multi-View Sequential Model for Automatic Parkinson's Disease Detection Using EEG Signals	Poster	<b>Mohadeseh Sadeghi</b>	Wednesday	16:00 - 17:30
229	Angiotensin converting enzyme inhibitor captopril attenuates brain oxidative stress in a mouse model of seizures induced by pentylenetetrazole	Poster	<b>MARIYA DAVOUDINEZHAD</b>	Wednesday	16:00 - 17:30
290	The Effects of Exosome Therapy in Animal Model of Spinal Cord Injury. A Systematic Review and Meta-Analysis	Poster	<b>MARIYA DAVOUDINEZHAD</b>	Wednesday	16:00 - 17:30
474	The Effectiveness of Coloring using Mandala Designs on the Cognitive Resilience of High-functioning Adolescents with Autism Spectrum Disorder	Poster	<b>Reyhaneh Khoshtab</b>	Wednesday	16:00 - 17:30
385	The Effect of a drawing-based training package on visuo-perceptual organization skills in primary school children	Poster	<b>Masoumeh Hoseinpourfatmehsari</b>	Wednesday	16:00 - 17:30

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173	The effectiveness of integrated trauma system implementation on road traffic fatalities and injuries in the north of Iran using an interrupted time series analysis	Poster	<b>Shahryar Ghashghaie</b>	Wednesday	16:00 - 17:30
556	The effect of intracerebroventricular injection of crocin on the period of extinction and reinstatement after conditioning with morphine in male rats	Poster	<b>Ali Abdolkarimi</b>	Wednesday	16:00 - 17:30
598	Evaluation of anxiety-like behavior in MCAO model rat treated with Bacteroides fragilis outer membrane vesicles (OMVs)	Poster	<b>Fatemeh Mirzakhani</b>	Wednesday	16:00 - 17:30
280	Exploring Lipids as Potential Markers for Cognitive Impairment in Multiple Sclerosis	Poster	<b>Elahe Movagharnia</b>	Wednesday	16:00 - 17:30
411	Application of CRISPR/Cas9 System in the Treatment of Alzheimer's Disease and neurodegenerative diseases	Poster	<b>Parsa Sameei</b>	Wednesday	16:00 - 17:30
184	Monitoring the effectiveness of Betanin small molecule and its analogs on the inhibition of alpha-synuclein fibrillation and its cytotoxicity	Poster	<b>Ayda Ghahari</b>	Wednesday	16:00 - 17:30
534	Dissociation of semantic processing of action verbs and non-action nouns in Persian	Poster	<b>Elahe Alibareshi</b>	Wednesday	16:00 - 17:30
347	Neuropil Alteration of the Habenula Nucleus in the Experimental Model of Schizophrenia Induced by Ketamine	Poster	<b>Fatemeh Imanparast</b>	Wednesday	16:00 - 17:30
118	EMS Pre-Hospital Traveling Times of Spinal Trauma Patients in Iran based on the National Spinal Cord Injury Registry of Iran (NSCIR-IR): Rollover vs Collision accidents	Poster	<b>Mohammad Mehdi Mousavi Nasab</b>	Wednesday	16:00 - 17:30
363	Single-dose and multiple-dose regimen of ketamine in treatment of treatment-resistant depression: A randomized clinical trial	Poster	<b>Sara Moslehi</b>	Wednesday	16:00 - 17:30
562	Exploring the Synergistic Effect of Fennel and Chamomile Extracts on Acute Pain	Poster	<b>Sama Barati</b>	Wednesday	16:00 - 17:30
549	Association between the Hopkins Falls Grading Scale and Motor Function tests in patients with Multiple Sclerosis	Poster	<b>Mostafa Salimi</b>	Wednesday	16:00 - 17:30
458	Investigation of the prevalence of brachial plexus birth paralysis in Alzahra hospital from 2018_2023	Poster	<b>Sahel Rezaee</b>	Wednesday	16:00 - 17:30
124	Usefulness of Contrast Agents and Molecular Markers in PET and SPECT Imaging on Animal Models for Alzheimer's Diagnosis	Poster	<b>Yasaman Abaszadeh</b>	Wednesday	16:00 - 17:30
399	Effects of chronic uncontrolled hyperglycemia on neuroglial population of CA3 region of hippocampus: A study by TEM	Poster	<b>Mohammad Ghavaminezhad</b>	Wednesday	16:00 - 17:30
376	The neuroprotective effects of Pinocembrin on the neurological scores, blood brain barrier permeability and brain edema after severe traumatic brain injury in male rat: A behavioral, biochemical and h	Poster	<b>Elina Pouryousef</b>	Wednesday	16:00 - 17:30
600	Comprehensive Eye-Tracking Analysis of Global-Local Processing in Selective Attentional Tasks	Poster	<b>Mohamadreza Khanmohamadi</b>	Wednesday	16:00 - 17:30
260	Folic acid supplementation improved nicotine withdrawal-induced of memory loss via affecting oxidative status, inflammatory response, cholinergic activity, BDNF and amyloid-B in adolescent male rat	Poster	<b>Amirreza Yahosseini</b>	Wednesday	16:00 - 17:30
80	A Deep Learning Framework for Precise Chronic Subdural Hematomas Segmentation in Head CT scans	Poster	<b>Amirmohammad Bahri</b>	Wednesday	16:00 - 17:30

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289	Evaluation of correlation between apolipoprotein E (ApoE) genotype & cognitive outcomes in multiple sclerosis;our experience & a systematic review & meta-analysis	Poster	<b>SEYEDEMAD SEYEDGHOLAMYSHARABIANI</b>	Wednesday	16:00 - 17:30
398	investigating the effect of esculetin administration on the reward system of the brain following the induction of conditioning with morphine in male rats	Poster	<b>Fatemeh Mashhadban</b>	Wednesday	16:00 - 17:30
615	A Deep Learning Framework for Automated Brain Tumor Segmentation in multimodal MRI images: Fusion of Vision Transformers and Convolutional Neural Networks	Poster	<b>Benyamin Gheiji</b>	Wednesday	16:00 - 17:30
438	The antineuroinflammation effect of amantadine on brain water content, blood brain barrier permeability and neurological scores after traumatic brain injury in male rats	Poster	<b>Bahar Sadeghi</b>	Wednesday	16:00 - 17:30
105	Coenzyme Q10 attenuated anxiety and depression-like behavior caused by withdrawal following concurrent use of ethanol and nicotine in adolescent male rats	Poster	<b>Mobina Mehdizade</b>	Wednesday	16:00 - 17:30
55	Exploring the impact of the combination of Chrysin and Gallic acid on hippocampal neuronal damage and spatial memory in a mouse model of cerebral hypoperfusion	Poster	<b>Ali Vakili</b>	Wednesday	16:00 - 17:30
345	Oral supplementation of ascorbic acid improves learning and memory impairment induced by adolescent stress exposure in male rats: behavioural, biochemical and electrophysiological study	Poster	<b>Ali Rahimi</b>	Wednesday	16:00 - 17:30
57	Effect of menthol on thioacetamide-induced neuroinflammation in the hippocampus	Poster	<b>Masoud Kaboutari</b>	Wednesday	16:00 - 17:30
253	Exploring the benefits of angiotensin-converting enzyme inhibitor captopril on brain-derived neurotrophic factor, nitric oxide metabolites, oxidative stress indicators, and interleukin-6 in the brain	Poster	<b>Pourya Roknabadi</b>	Thursday	9:00 - 12:00
442	The hippocampal expression of miR33 in impaired inhibitory avoidance memory following bile duct ligation in rats	Poster	<b>Mohadeseh Rahimi-Vala</b>	Thursday	9:00 - 12:00
381	Feeding metformin during pregnancy and lactation periods improved learning and memory impairment in the rat offspring exposed to febrile seizure: Role of oxidative stress and inflammatory response	Poster	<b>Samaneh Kakhki</b>	Thursday	9:00 - 12:00
308	Exploring Personal Preferences in Visual Working Memory	Poster	<b>Shirin Mazhabjafari</b>	Thursday	9:00 - 12:00
59	The Neural Dissociation of Number/Person Features: a Review of Neurolinguistic Studies	Poster	<b>Simin Meykadeh</b>	Thursday	9:00 - 12:00
51	Investigating the effectiveness of temptation management training based on the cognitive-behavioral approach in controlling cravings in women addicts undergoing treatment	Poster	<b>Narges Hedayati</b>	Thursday	9:00 - 12:00
101	Investigating resting-state brain networks, during breathing of inert air and air mixed with odor, using MRI	Poster	<b>Asra Karami</b>	Thursday	9:00 - 12:00
499	Sleep quality in multiple sclerosis: a systematic review and meta-analysis	Poster	<b>Afshin Moradi</b>	Thursday	9:00 - 12:00
343	Vitamin B12 improved memory impairment following nicotine withdrawal in adolescent male rats: the role of oxidative stress, inflammatory, BDNF, GFAP, and AChE activity	Poster	<b>MohammadMahdi Rezvanimehr</b>	Thursday	9:00 - 12:00
344	Vitamin B12 reversed anxiety and depression induced by adolescent nicotine withdrawal through alteration the inflammatory, oxidative and serotonergic profiles in male rats	Poster	<b>Hossein Pahlavani</b>	Thursday	9:00 - 12:00



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490	Applications of artificial intelligence in anxiety and depression management	Poster	<b>Mohammadsadegh Kamran</b>	Thursday	9:00 - 12:00
270	Title: The Link Between Post-Traumatic Stress Disorder (PTSD) and Criminal Behavior	Poster	<b>Faeze Eskandari</b>	Thursday	9:00 - 12:00
164	Evaluation isoform 165 of recombinant human Vascular Endothelial Growth Factor-A (rhVEGF-A-165) effect on maximal electroshock-induced seizures in mice	Poster	<b>Reza Zaredar</b>	Thursday	9:00 - 12:00
418	Evaluation of the effect of Biocanin A on the salivary glands and oral mucosa of Mouse in Model of Demyelination (Multiple Sclerosis)	Poster	<b>Fariba Abdal</b>	Thursday	9:00 - 12:00
202	Phase-Dependent Coding in the Inferotemporal Cortex	Poster	<b>Omid Amiratashani</b>	Thursday	9:00 - 12:00
5	Reading and phonological awareness improvement accomplished by transcranial direct current stimulation combined with phonological awareness training: A randomized controlled trial	Poster	<b>Seyyedehsamaneh Mirahadi</b>	Thursday	9:00 - 12:00
18	Review of unraveling the Hidden Connections: Exploring Cellular Junction Dynamics and Macromolecules in the Hippocampus for Novel Insights into Alzheimer's disease	Poster	<b>Leila Chodari</b>	Thursday	9:00 - 12:00
543	Minocycline improved learning and memory and attenuated oxidative stress and acetylcholinesterase activity in the brain in a rat model of amnesia induced by scopolamine	Poster	<b>Mohammadhossein Ghalibaf</b>	Thursday	9:00 - 12:00
351	Combination Therapy of Hair Follicle Stem Cells and Carbamylated Erythropoietin-Fc Improve Memory Impairment in a Rat Model of Chronic Cerebral Hypoperfusion	Poster	<b>Etrat Hooshmandi</b>	Thursday	9:00 - 12:00
361	Neuroprotective Effects of Silymarin in 3-Nitropropionic Acid-Induced Neurotoxicity in Male Mice: Improving Behavioral Deficits by Attenuating Oxidative Stress and Neuroinflammation	Poster	<b>Shahla Eyvari</b>	Thursday	9:00 - 12:00
433	Pretreatment with minocycline protected brain against long-term brain injury and depressive- and anxiety-like behaviors	Poster	<b>Hedyeh Askarpour</b>	Thursday	9:00 - 12:00
336	The co-administration of Boswellia Serrata extract and mesenchymal stem cell transplantation improves behavioral, histopathological and oxidative stress changes of the brain in Multiple Sclerosis	Poster	<b>Hamidreza Sameni</b>	Thursday	9:00 - 12:00
443	Senescence occurs in white matter is in association with myelin disruption during normal aging in mice	Poster	<b>Elham Parandavar</b>	Thursday	9:00 - 12:00
667	The Prevalence of Sexual Dysfunction and Its Contributor Among Iranian Women with Multiple Sclerosis	Poster	<b>Ali Emami</b>	Thursday	9:00 - 12:00
541	Factors contributing in development of autism spectrum disorders: a case-control study	Poster	<b>Amirhossein Memari</b>	Thursday	9:00 - 12:00
295	Study of Human Fetal Cerebral Sulcai Development in an Autopsy Specimen	Poster	<b>Mojde Pajokh</b>	Thursday	9:00 - 12:00
431	The role of emotional empathy on Informational social Conformity: A tDCS study	Poster	<b>Farzaneh AbdollahzadehBina</b>	Thursday	9:00 - 12:00
52	Inflammation and angiogenesis in sporadic and NF2-related vestibular schwannoma	Poster	<b>Sayedali Ahmadi</b>	Thursday	9:00 - 12:00
501	Investigating the effect of Satureja Khuzestanica essential oil on hepatotoxicity induced by malathion and parathion in male Wistar rats.	Poster	<b>Javad Khalili Fard</b>	Thursday	9:00 - 12:00
669	Association between the Multiple Sclerosis Epidemic and Socioeconomic Status in Iran: A Descriptive-Analytical Cross-Sectional Study	Poster	<b>Ali Sarbazi</b>	Thursday	9:00 - 12:00
12	Dorsal hippocampal CA1 NMDA receptors mediate the interactive effects of quetiapine and lithium on memory retention in male rats	Poster	<b>Majid JafariSabet</b>	Thursday	9:00 - 12:00

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49	MRI-based Study on the Effect of Cognitive Narrative Therapy in Improving the Language Skills of Autistic Children	Poster	<b>Masoud Moghaddamnia</b>	Thursday	9:00 - 12:00
323	ALLOGENEIC SPERM HEAD MODULATES T CELL POLARIZATION LOCALLY AND SYSTEMICALLY IN ANIMAL MODEL OF ALZHEIMER'S DISEASE	Poster	<b>Nafiseh Pakravan</b>	Thursday	9:00 - 12:00
356	Mesenchymal stem cells moderate inflammatory response of brain specific endothelial cells in face to toxic $\alpha$ -synuclein	Poster	<b>Dina Morshedi</b>	Thursday	9:00 - 12:00
94	Effects of Boswellia resin (olibanum) on the histological structure of hippocampus in aged rat	Poster	<b>Mohammad Hosseini</b>	Thursday	9:00 - 12:00
223	A worldwide of scientific status epilepticus: a machine learning and a bibliometric study	Poster	<b>Rostam Seifadini</b>	Thursday	9:00 - 12:00
60	The Effect of Intermittent Fasting Diet on the Hippocampus of Adult Male Mouse After Inducing Demyelination by Ethidium Bromide Injection	Poster	<b>Mohsen Basiri</b>	Thursday	9:00 - 12:00
328	Nomophobia (no mobile phone phobia) and cognitive disorders among students	Poster	<b>Nasrin Abdoli</b>	Thursday	9:00 - 12:00
329	The role of sleep quality and cognitive disorders (anxiety, depression, stress) in the medical staff of hospitals during the COVID-19 Pandemic	Poster	<b>Nasrin Abdoli</b>	Thursday	9:00 - 12:00
631	Evaluation of effects of an aqueous extract of Alcea rosea L. flowers on Passive avoidance and spatial working memory tests in the aged rats	Poster	<b>Tajmah Mombeini</b>	Thursday	9:00 - 12:00
447	Investigation of the quercetin effects on conditioned fear extinction in PTSD rats	Poster	<b>Kataneh Abrari</b>	Thursday	9:00 - 12:00
446	Evaluation of the modulatory role of electromagnetic field on acute and chronic stress effects on conditioned fear memory	Poster	<b>Kataneh Abrari</b>	Thursday	9:00 - 12:00
386	Comparison of tDCS and Sham tDCS in pain intensity and improvement of symptoms in patient with shoulder tendinopathy	Poster	<b>Afsaneh Dadarkhah</b>	Thursday	9:00 - 12:00
662	An overview of hyperbaric oxygen therapy in basic and clinical neuroscience	Poster	<b>Ahmad Ebadi</b>	Thursday	9:00 - 12:00
571	Reducing demand uncertainty in the platelet supply chain through artificial neural networks and ARIMA models	Poster	<b>Farzad FirouziJahantigh</b>	Thursday	9:00 - 12:00
660	Types of neuropathy and factors involved in diabetic neuropathy	Poster	<b>Hamid Reza Ghaffari</b>	Thursday	9:00 - 12:00
378	The long term exposure of chlorpyrifos and hippocampal caspase 9 levels	Poster	<b>Nasrin Hosseini</b>	Thursday	9:00 - 12:00
130	Neuroprotective effects of carvacrol against Alzheimer's disease: A review	Poster	<b>Zahra Azizi</b>	Thursday	9:00 - 12:00
620	The Paradigm of Complexity in Neuroscience: The inability of neuroaesthetics to explain the various dimensions of the beauty experience as a case study	Poster	<b>Gooya Bozorgi</b>	Thursday	9:00 - 12:00
275	The Effect of Danger Ideation Reduction Therapy and Attention Reinforcement Techniques on the Attention of Patients with Obsessive-Compulsive Disorder	Poster	<b>Mahnaz Babaei</b>	Thursday	9:00 - 12:00
222	Ischemic Postconditioning increased hippocampal Brain-Derived Neurotrophic Factor led to Attenuate Bilateral Renal Ischemia-induced Cognitive Impairments	Poster	<b>Iraj Aghaei</b>	Thursday	9:00 - 12:00
23	The modulatory effect of exercise on the Orexin and BDNF cross-talking in epileptic rats	Poster	<b>Fariba Karimzadeh</b>	Thursday	9:00 - 12:00
24	Modulatory effect of exercise on reactive astrocytes in the somatosensory cortex of epileptic rats	Poster	<b>Fariba Karimzadeh</b>	Thursday	9:00 - 12:00
108	The neuroprotective effects of progesterone against peripheral neuropathy: a systematic review of non-clinical studies	Poster	<b>Asieh Hosseini</b>	Thursday	9:00 - 12:00
589	Investigating the Pyramidal Neurons' Spontaneous Activity CA1 Region of Dorsal Hippocampus after Vitamin D Injection in Adult Male Rats Model of Alzheimer's Disease	Poster	<b>Nastaran Zamani</b>	Thursday	9:00 - 12:00

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158	Psychedelic, mystical experiences, illusion or reality	Poster	<b>Elyas Rezaie</b>	Thursday	9:00 - 12:00
518	Effectiveness of a cognitive computer game on reading performance of children with reading disorders in the city of Saqqez	Poster	<b>Leila Kashani Vahid</b>	Thursday	9:00 - 12:00
519	The effectiveness of play therapy based on cognitive-behavioral approach on resilience and emotional regulation of children with attention deficit/hyperactivity disorder	Poster	<b>Leila Kashani Vahid</b>	Thursday	9:00 - 12:00
559	Comparing the effectiveness of a family-centered musical computer rehabilitation game with visual communication method on hand-eye coordination of children with autism spectrum disorder	Poster	<b>Leila Kashani Vahid</b>	Thursday	9:00 - 12:00
20	Effects of intra cerebro ventricular norepinephrine injection on spatial memory by using Morris Water Maze in the model of sporadic Alzheimer's	Poster	<b>Mohammad Amir Sharifi Moien</b>	Thursday	9:00 - 12:00
102	The effect of periaqueductal gray's metabotropic glutamate receptor subtype 8 activation on locomotor function following spinal cord injury	Poster	<b>Marjan Hosseini</b>	Thursday	9:00 - 12:00
320	A review and perspective on iron chelation therapy for the treatment of Alzheimer's disease	Poster	<b>Sara Chavoshinezhad</b>	Thursday	9:00 - 12:00
618	The Effect of Mesenchymal Stem Cells Transplantation On Remyelination in a the Cuprizone Model of Multiple Sclerosis Disease	Poster	<b>Soheila Madadi</b>	Thursday	9:00 - 12:00
628	neurofeedback on learning disorder with attention deficit/hyperactivity disorder	Poster	<b>Sedige Fatahi</b>	Thursday	9:00 - 12:00
210	Relationship between theory of mind and emotion regulation in autism spectrum disorders	Poster	<b>Gohar Lotfi</b>	Thursday	9:00 - 12:00
516	Effects of gut microbiota on nervous system defects	Poster	<b>Zahra Jokar</b>	Thursday	9:00 - 12:00
625	Post-Covid-19 Guillain-Barré Syndrome: A Case Report	Poster	<b>Sedigheh Ganji Harsini</b>	Thursday	9:00 - 12:00
472	Transcranial Alternating Current Stimulation (tACS) as novel treatment options for insomnia: A systematic review	Poster	<b>Jaber Alizadehgoradel</b>	Thursday	9:00 - 12:00
388	Design of a Dashboard for Monitoring Spinal Cord/Column Injury Care Quality	Poster	<b>Vafa Rahimi-Movaghar</b>	Thursday	9:00 - 12:00
244	Development of a Regional-Based Predictive Model of Incidence of Traumatic Spinal Cord Injury Using Machine Learning Algorithms	Poster	<b>Vafa Rahimi-Movaghar</b>	Thursday	9:00 - 12:00
227	ZFP521 Prolonged Expression Partially Relaunch the Generic Neuronal Genes in U87-MG Glioblastoma Cells: A Primitive Study	Poster	<b>Vafa Rahimi-Movaghar</b>	Thursday	9:00 - 12:00
76	Olfactory Status in Neurodegeneration with Brain Iron Accumulation Disorders and Huntington's Disease	Poster	<b>Elahe Amini</b>	Thursday	14:00 - 16:00
119	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	Poster	<b>Zahra Gholamimahmoudian</b>	Thursday	14:00 - 16:00
591	Comparison of cognitive regulation of adaptive and non-adaptive emotion in students with regular sports activities and without sports activities	Poster	<b>Iraj Mirkhan</b>	Thursday	14:00 - 16:00
473	Computational neurosciences: Where are we today?	Poster	<b>Kiarash Fekri</b>	Thursday	14:00 - 16:00
394	Exosomes enhance adult hippocampal neurogenesis through microRNAs signaling pathway	Poster	<b>Farzaneh Fazli</b>	Thursday	14:00 - 16:00
569	Circadian Disruption and Suicide Risk: Insights from Shift Work and the Brain	Poster	<b>Mohammad Niroumand Sarvandani</b>	Thursday	14:00 - 16:00

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563	from heart to brain: a potential intervention with vague nerve stimulation to improve depressive condition	Poster	<b>Zakieh Sheikhalishahi</b>	Thursday	14:00 - 16:00
485	Predicting Substance Use Tendency Based on Self-Transcendence, Mentalization, and Experiential Avoidance among University Students	Poster	<b>Parinaz Aghajani</b>	Thursday	14:00 - 16:00
199	Neural stem cell (NSCs) delivery by biomaterials: new modality for stroke therapy	Poster	<b>Ali Hassanzadeh</b>	Thursday	14:00 - 16:00
194	"Assessing the Impact of Pegylated Niosomal Silibinin on Antioxidant Pathway Genes in Male Wistar Rats with Amyloid-Beta-Induced Neurotoxicity"	Poster	<b>Keyvan Kiani</b>	Thursday	14:00 - 16:00
512	Relationship between cultural and executive function in Iranian-Afghan children	Poster	<b>Mohsen Sedaghatkish</b>	Thursday	14:00 - 16:00
307	Alleviating neuroinflammation and oxidative stress in rat model of epilepsy	Poster	<b>Maryam Rahimi Tesiye</b>	Thursday	14:00 - 16:00
34	Neuroprotective effects of coenzyme Q10 on neurological diseases: a review article	Poster	<b>Shekofeh Bagheri</b>	Thursday	14:00 - 16:00
234	Relationship of interoceptive attention with substance use disorder: A narrative review	Poster	<b>Hamid Mohsenabadi</b>	Thursday	14:00 - 16:00
650	Understanding the Dynamic Interplay between Language and Visual Perception	Poster	<b>Narges Kazerooni</b>	Thursday	14:00 - 16:00
337	Fixed rabies virus alters synaptic function	Poster	<b>Shayan Aliakbari</b>	Thursday	14:00 - 16:00
428	The Renal-Neural Nexus: Unraveling the Link Between Chronic Kidney Disease and Cognitive Decline	Poster	<b>Haniyeh Kazemi</b>	Thursday	14:00 - 16:00
635	neurofeedback on learning disorder with attention deficit/hyperactivity disorder	Poster	<b>Amiriasl</b>	Thursday	14:00 - 16:00
584	Risk of cognitive decline in patients with heart failure	Poster	<b>Atefeh Rahimi</b>	Thursday	14:00 - 16:00
207	Improving Quality of Care in Traumatic Spinal Column/Spinal Cord Injuries (TSC/SCI) in Iran: A policy brief	Poster	<b>Seyedbehnam Jazayeri</b>	Thursday	14:00 - 16:00
532	In the Congress 60, how are the interactions of neural structures, worldview and psyche considered for the purpose of treating drug abusers? Theory based on reality	Poster	<b>Ali Rashidian</b>	Thursday	14:00 - 16:00
523	How will the neural structures of drug abuser change in the Congress 60? A grounded theory study	Poster	<b>Ali Rashidian</b>	Thursday	14:00 - 16:00
397	Aging decreases the precision of visual working memory	Poster	<b>Shahzad Mohammadpour Esfahan</b>	Thursday	14:00 - 16:00
256	A comparative study of Verbal fluency in MS patients and healthy individual	Poster	<b>Zahrasadat Sadatmousavi</b>	Thursday	14:00 - 16:00
579	How Difficulties in Emotion Processing Impact Emotional Learning	Poster	<b>Mina Hosseinnezhad</b>	Thursday	14:00 - 16:00
599	Spleen Tyrosine Kinase (Syk): an Element That Can't Be Ignored in Alzheimer's disease (AD) Pathology	Poster	<b>Hamideh Asadinezhad</b>	Thursday	14:00 - 16:00
97	30-Day Readmission Rates Following Traumatic Spinal Cord Injury: A Systematic Review and Meta-Analyses	Poster	<b>SeyedDanial Alizadeh</b>	Thursday	14:00 - 16:00
70	Palliative Care in Alzheimer's Disease: Medication Patterns and Behavioral Correlates from a Dual-Phase Study	Poster	<b>Marjan Gholghasemi</b>	Thursday	14:00 - 16:00
370	Artificial Intelligence in deep brain stimulation: A systematic review	Poster	<b>Niloufar Delfan</b>	Thursday	14:00 - 16:00
414	Endoscopic versus open approach releasing the median nerve in carpal tunnel syndrome: a systematic review and meta-analysis	Poster	<b>Arabbafrani Melika</b>	Thursday	14:00 - 16:00
476	Study protocol: Comparing the effect of tDCS and rhythmic games on schizophrenia patients	Poster	<b>Zahra Kohanzadehbajestan</b>	Thursday	14:00 - 16:00
276	Prognosis of the stroke occurring after COVID-19 based on d-dimer and inflammatory markers: A meta- analysis	Poster	<b>Mohammadjavad Nourmohammadi</b>	Thursday	14:00 - 16:00

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284	The Effects of Cannabidiol-Based Treatments on Alzheimer's Disease: A Focus on Inflammatory Factors. A Systematic Review	Poster	<b>Afsaneh Jaberi Asl</b>	Thursday	14:00 - 16:00
233	Histopathological Effects of the Intrathecal Chondroitinase-ABC Administration in Spinal Cord Injured Rats; A Systematic Review	Poster	<b>Arman ZeinaddiniMeymand</b>	Thursday	14:00 - 16:00
390	The Frequency of Osteomyelitis after Pressure Ulcer in Spinal Cord Injury: A Systematic Review	Poster	<b>Arman ZeinaddiniMeymand</b>	Thursday	14:00 - 16:00
239	Astrocyte Involvement in Acute Ischemic Conditions: Insights from an In Vitro Model	Poster	<b>Fatemeh Jameie</b>	Thursday	14:00 - 16:00
619	Data Insights into Mental Health: A Machine Learning Examination of Political, Social, and Economic Influences	Poster	<b>MohammadJavad Rajabi</b>	Thursday	14:00 - 16:00
384	Exploring the Role of NOS2 Gene Expression in the Pathogenesis of Alzheimer's Disease: A Case-Control Study	Poster	<b>Narmin Aghamohammadi</b>	Thursday	14:00 - 16:00
492	The relationship between beliefs about stress and brain wave quantitative patterns with the dimensions of posttraumatic growth in persons with a history of trauma	Poster	<b>Mahnoosh Kamranvand</b>	Thursday	14:00 - 16:00
493	Investigating the effect of empathy type on the phenomenon of brain fog in post-Covid-19 fatigue	Poster	<b>Mahnoosh Kamranvand</b>	Thursday	14:00 - 16:00
47	Emotional Escapades: Using Mood-Infused Videos to Promote Positive, Negative, and Neutral States	Poster	<b>Sama Rahnemayan</b>	Thursday	14:00 - 16:00
46	An umbrella review of systematic reviews with meta-analysis on the role of vitamins in Parkinson's disease	Poster	<b>Sama Rahnemayan</b>	Thursday	14:00 - 16:00
475	Study protocol: Comparing the effect of tDCS and rhythmic games on major depression patients	Poster	<b>Maryam Karami</b>	Thursday	14:00 - 16:00
311	The role of gut microbiota-brain axis in pathophysiology of ADHD: a systematic review	Poster	<b>Salman Shirvani rad</b>	Thursday	14:00 - 16:00
360	Neurodiversity Based on Individualism: A Paradigm Shift Through Liberalism for Inclusion	Poster	<b>Ardeshir Nabizadeh zolpirani</b>	Thursday	14:00 - 16:00
17	The impact of Vitamin D Supplementation on the Quality of Life in adults: A systematic review of randomized controlled trials	Poster	<b>Faezeh Moeini Badi</b>	Thursday	14:00 - 16:00
413	Study Protocol for an Experimental Intervention in Alzheimer's Disease	Poster	<b>Zahra Parastar</b>	Thursday	14:00 - 16:00
369	The Face-validity of the Global Burden of Disease Estimates for Spinal Cord Injury: A Brief Report	Poster	<b>Elaheh Khodadoust</b>	Thursday	14:00 - 16:00
197	Evaluation and diagnosis of multiple sclerosis using retinal images with the help of artificial intelligence	Poster	<b>Ali Mehravar</b>	Thursday	14:00 - 16:00
67	Thymol has anticancer effects in U-87 human malignant glioblastoma cells	Poster	<b>Farid QoorchiMohebSeraj</b>	Thursday	14:00 - 16:00
64	Does Nicotine from Passive Smoking and Foods Protect against Parkinson's disease?	Poster	<b>Arezoo Fathalizadeh</b>	Thursday	14:00 - 16:00
529	New insights into the role of oxytocin in Autism Spectrum Disorder: mechanistic roles of this neuropeptide in social behavior	Poster	<b>Hadis Kariminejad-farsangi</b>	Thursday	14:00 - 16:00
583	The Neural Basis of Chrononutrition	Poster	<b>Faezeh Mahdavi</b>	Thursday	14:00 - 16:00
122	The Prevalence of Helmet Use in Motorcyclists around the World: a systematic review and Meta-analysis of 5,006,476 Participants	Poster	<b>Sina Shool</b>	Thursday	14:00 - 16:00
150	The effects of hypoxic preconditioning on survival and oxidative stress resilience of SH-SY5Y cell line	Poster	<b>Sanaz Ansari</b>	Thursday	14:00 - 16:00
586	Correlation between Cognitive Index and Lipoproteins in security guards	Poster	<b>Ramin MojaverSoofi</b>	Thursday	14:00 - 16:00

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406	Differential gene expression analyses of PD and their role in different mechanisms and how they affect the propagation of disease	Poster	<b>Fatemeh Akhondsolaei</b>	Thursday	14:00 - 16:00
349	Assessment of Sleep Disorder in Delirious and Non-Delirious Patients in Medical Intensive Care Unit: a cross sectional study	Poster	<b>Saeed Kargarsoleimanabad</b>	Thursday	14:00 - 16:00
294	Iranian addition to the literature on modern neurosurgery based on Persian literature: a Quality and quantity analysis of scientific progress over the past decades	Poster	<b>Saeed Kargarsoleimanabad</b>	Thursday	14:00 - 16:00
590	A Systematic Review of Transcranial Magnetic Stimulation for Enhancing Cognitive Function in Alzheimer's Disease Patients	Poster	<b>Parastoo Ghorbani</b>	Thursday	14:00 - 16:00
209	Berberine Chloride impacts on alfa synuclein fibrillation process	Poster	<b>Zaynab Asshabi</b>	Thursday	14:00 - 16:00
152	Cognitive effects of oxybutynin; a systematic review	Poster	<b>Amirreza Naseri</b>	Thursday	14:00 - 16:00
436	Evaluation of brain fog and problem solving ability in patients with breast cancer	Poster	<b>Anis Mirzaei</b>	Thursday	14:00 - 16:00
672	Second Order Sliding Mode Controller for Parkinson's Tremor Rehabilitation	Poster	<b>Reyhaneh Valibeik</b>	Thursday	14:00 - 16:00
7	Guillain-Barré Syndrome Following COVID-19 Vaccine: a case-report	Poster	<b>Mohammad Sadegh Fakhari</b>	Thursday	14:00 - 16:00
601	Breaking new ground: The quest for valid biomarkers in Mesenchymal Stem Cell therapy for neurodegenerative diseases, a comprehensive scoping review	Poster	<b>Shahzad Najafi</b>	Thursday	14:00 - 16:00
62	Effect of berry-based supplements and foods on cognitive function: a systematic review	Poster	<b>Negar Bonyadi</b>	Thursday	14:00 - 16:00
365	Medicinal plants used in epilepsy	Poster	<b>Hemn Mehmannaavaz</b>	Thursday	14:00 - 16:00
306	The effects of saffron on attention deficit with hyperactivity disorder (ADHD); a systematic review	Poster	<b>Sepideh SeyediSahebari</b>	Thursday	14:00 - 16:00
98	The effect of social hierarchy on spatial working memory	Poster	<b>Elham Bakhshi</b>	Thursday	14:00 - 16:00
491	Predicting Theory of Mind level of sophistication using computational modeling and molecular components in autistic and non-autistic children and adolescents	Poster	<b>Rana Ghamari</b>	Thursday	14:00 - 16:00
31	The role of the cancer in making sleep disorders: bench to bedside	Poster	<b>MohammadSaleh Safari</b>	Thursday	14:00 - 16:00
301	Dimethyl Fumarate Can Reinforce the Therapeutic Potentials of Bone Marrow Mesenchymal Stem Cells through Trophic Factor Profile Enhancement	Poster	<b>Nasrin Ghorbani</b>	Thursday	16:00 - 17:30
368	The 40 Hz white light emitting diode improves social interactions in a streptozotocin-induced Alzheimer-like model in male rats	Poster	<b>Elham Soleimani</b>	Thursday	16:00 - 17:30
221	The Role of Glutamatergic AMPA Receptors in the Lateral Habenula during the Acquisition and Expression Phases of Morphine-Induced Place Preference	Poster	<b>Elahe Amohashemi</b>	Thursday	16:00 - 17:30
511	The effect of magnesium and exercise on the spatial learning and memory in the Wistar rats: the role of BDNF protein	Poster	<b>Mohadeseh Chahkandi</b>	Thursday	16:00 - 17:30
68	Safety of dual antiplatelet therapy in the acute phase of aneurysmal subarachnoid hemorrhage: a propensity score-matched study	Poster	<b>Sajjad Najafi</b>	Thursday	16:00 - 17:30
648	Investigating the effectiveness of cognitive behavioral group therapy on psycho-social and emotional adaptability and cognitive flexibility in people with multiple sclerosis in Hamedan, Iran	Poster	<b>Hadi Abedi</b>	Thursday	16:00 - 17:30
261	Omega-3 fatty acids prevent nicotine withdrawal-induced impairment of learning and memory via affecting oxidative status, inflammatory response, cholinergic activity, BDNF and amyloid-B in rat hippocampus	Poster	<b>Farimah Beheshti</b>	Thursday	16:00 - 17:30
641	The difference between the old and new models of Craig Scott's orthosis	Poster	<b>Ladan Arabyaqoubi</b>	Thursday	16:00 - 17:30

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423	The Effects of Open and Closed Skill Sports on Attention and Memory Performance in Girl Young Adults	Poster	<b>Razieh Khanmohammadi</b>	Thursday	16:00 - 17:30
425	Effectiveness of Multipurpose Intervention on attention, working memory in schizophrenic Patients	Poster	<b>Razieh Khanmohammadi</b>	Thursday	16:00 - 17:30
408	The effect of mental fatigue on the validity of the attention networks test: the inhibition of return (IOR)	Poster	<b>Sahar Mohammadzadeh</b>	Thursday	16:00 - 17:30
564	Predicting the Relationship between Motor Behavior and Cerebellar Purkinje cell Firing Patterns in Rats Using AI-Based Approaches	Poster	<b>Raheleh GhouchanNezhadNoorNia</b>	Thursday	16:00 - 17:30
293	Evaluating the levels of BDNF expression in male rat offspring whose parents were completely sleep deprived during pregnancy	Poster	<b>Mohammadhossein Mohammadimahdiabadihassani</b>	Thursday	16:00 - 17:30
340	Post-COVID- 19 survivors' strategies for improving occupational balance: A qualitative study	Poster	<b>Amin Mahdizadeh</b>	Thursday	16:00 - 17:30
190	Development and characterization of an intranasal thermosensitive nanohydrogel of rivastigmine	Poster	<b>Sara Salatin</b>	Thursday	16:00 - 17:30
87	Application of nanoparticle-based platforms in the management of neurological infections	Poster	<b>Sara Salatin</b>	Thursday	16:00 - 17:30
191	Therapeutic potential of sodium butyrate in neurodegenerative diseases	Poster	<b>Zahra Niknam</b>	Thursday	16:00 - 17:30
483	Effects of Tetrahydrocannabinol Treatment on Hippocampal Tissue Analysis	Poster	<b>Adele Naghshbandieh</b>	Thursday	16:00 - 17:30
262	The effects of high-intensity interval training on oxidative stress indices in the hippocampus following tramadol consumption in male rats	Poster	<b>SARA Shirazpour</b>	Thursday	16:00 - 17:30
352	Anti-apoptotic and neurogenic properties in the hippocampus as possible mechanisms for learning and memory improving impacts of vitamin D in hypothyroid rats during the growth period	Poster	<b>SeyedHamidreza RastegarMoghaddam</b>	Thursday	16:00 - 17:30
457	Differences in Spinal Injuries between motorcyclists and motor vehicle occupants: A Report from the National Spinal Cord and Column Injury Registry of Iran	Poster	<b>Vali Baigi</b>	Thursday	16:00 - 17:30
84	Varenicline, a nicotinic receptor agonist, improves the pathophysiology of Brain Ischemia-Induced Cognitive Impairment in mice with medial prefrontal cortex ischemia	Poster	<b>Fatemehsadat Seyedaghamiri</b>	Thursday	16:00 - 17:30
296	Involvement of control networks deficits in stuttering	Poster	<b>Elahe Khodayari</b>	Thursday	16:00 - 17:30
353	Transplanted mesenchymal stem cells affect spatial memory in rat model of Alzheimer's disease	Poster	<b>Hoda Parsa</b>	Thursday	16:00 - 17:30
479	A narrative review of the anatomy and function of the white matter tracts in language production and comprehension	Poster	<b>Ehsan Shekari</b>	Thursday	16:00 - 17:30
478	Focusing on the locus of the breakdown for treatment of anomia: A pilot study	Poster	<b>Ehsan Shekari</b>	Thursday	16:00 - 17:30
480	Mechanisms of brain activation following naming therapy in aphasia: A systematic review on task-based fMRI studies	Poster	<b>Ehsan Shekari</b>	Thursday	16:00 - 17:30
577	The Impact of COVID-19 on Cognitive Function: Exploring the Phenomenon of Brain Fog	Poster	<b>Zahra Khanlari Serkani</b>	Thursday	16:00 - 17:30
596	The Diagnostic Significance of the Neutrophil to Lymphocyte Ratio (NLR) in Cannabis Users: A Systematic Review and Meta-Analysis	Poster	<b>Reza Moshfeghinia</b>	Thursday	16:00 - 17:30

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594	Maternal psychological stress during pregnancy and newborn telomere length: a systematic review and meta-analysis	Poster	<b>Reza Moshfeghinia</b>	Thursday	16:00 - 17:30
141	miRNAs as potential therapeutic method for treating Down syndrome disease	Poster	<b>Kowsar Saffar</b>	Thursday	16:00 - 17:30
382	Long-Term Consequences of COVID-19 on Sleep, Mental Health, Fatigue, and Cognition: Potential Risk of Dementia Among Survivors at Late Life	Poster	<b>Armin Adibi</b>	Thursday	16:00 - 17:30
358	Neurofilament light chain as a novel biomarker of depression: A systematic review and meta-analysis	Poster	<b>Adrina Habibzadeh</b>	Thursday	16:00 - 17:30
88	Adaptive Immunity in schizophrenia: The role of gut microbiota	Poster	<b>Sara Seraj</b>	Thursday	16:00 - 17:30
195	Investigation of the Inflammatory Genes and IL-17 Concentration in Patients With Multiple Sclerosis	Poster	<b>Pourya Rokhsartalaba Azar</b>	Thursday	16:00 - 17:30
405	Symmetry Differences of Structural Connectivity in Multiple Sclerosis and Healthy State	Poster	<b>Fatemeh Shahbodaghy</b>	Thursday	16:00 - 17:30
163	A Narrative Review of the Efficacy of rTMS Intervention in Cannabis and Methamphetamine Use Disorders	Poster	<b>VAHID TAGHAVIAFSHORD</b>	Thursday	16:00 - 17:30
265	Advances in artificial intelligence, robotics, augmented and virtual reality in neurosurgery	Poster	<b>Kimia Kazemzadeh</b>	Thursday	16:00 - 17:30
606	The Effects of Psilocybin on Patients with Cancer: A Systematic Review and Meta-Analysis	Poster	<b>Kiarash Kavari</b>	Thursday	16:00 - 17:30
612	The Effects of Transcranial Direct-Current Stimulation (tDCS) on Pain Intensity of Patients with Fibromyalgia: A Systematic Review and Meta-Analysis	Poster	<b>Kiarash Kavari</b>	Thursday	16:00 - 17:30
558	Dextromethorphan, a novel treatment for depression	Poster	<b>Mahdiyeh Safary</b>	Thursday	16:00 - 17:30
251	Factors affecting Sexual Health in Individuals with Spinal Cord Injury: A systematic scoping review	Poster	<b>Shahryar Ghashghaie</b>	Thursday	16:00 - 17:30
350	Study protocol: Effects of virtual reality exercise on patients with schizophrenia	Poster	<b>Farimah Mahinpour</b>	Thursday	16:00 - 17:30
133	Exploring Brain Energy Modeling: Insights into Autism Spectrum Disorder	Poster	<b>Abolfazl HaqiqiFar</b>	Thursday	16:00 - 17:30
189	The role of vitamin D in the prevention and treatment of Alzheimer's disease: a Systematic review	Poster	<b>Yasin Nadaf</b>	Thursday	16:00 - 17:30
324	A meta-analysis of the association between the SLC6A3 gene polymorphisms and Attention-deficit/hyperactivity disorder (ADHD)	Poster	<b>Ali Soleimani</b>	Thursday	16:00 - 17:30
264	Comparison of interventions in anterior vs. posterior circulation stroke: An Umbrella Review	Poster	<b>Rasa Beheshti</b>	Thursday	16:00 - 17:30
417	Potential role of cinnamon in improving cognitive disorders: A systematic review	Poster	<b>Mansooreh Miri moghaddam</b>	Thursday	16:00 - 17:30
174	Increased Crash Rate in Drivers with Parkinson's Disease: An Evidence-based Review	Poster	<b>Mahla Noori</b>	Thursday	16:00 - 17:30
426	MicroRNAs: A promising Biomarker for Alzheimer's Disease diagnosis	Poster	<b>Ayda Ghadimi</b>	Thursday	16:00 - 17:30
573	Explore the Impacts of Global Warming and Climate Change on Human Cognition	Poster	<b>Omid Gheisavandi</b>	Thursday	16:00 - 17:30
602	Is optogenetics a new treatment for epilepsy?	Poster	<b>Elaheh Hassannezhaddaneshmand</b>	Thursday	16:00 - 17:30
212	Heart rate variability in Parkinson's disease patients with REM sleep behavior disorder	Poster	<b>Danial Kazemi</b>	Thursday	16:00 - 17:30
285	Covid-19 and mental health problems in college students: A narrative review of stress regulation and executive functions	Poster	<b>Mohaddeseh Moradi</b>	Thursday	16:00 - 17:30
462	The role of Cuproptosis, a new programmed cell death, in Temporal lobe epilepsy	Poster	<b>Hannaneh Azizi</b>	Thursday	16:00 - 17:30
181	Drug discovery in exploring potential inhibitors of the enzymes involved in laminopathy in Alzheimer's disease; In-silico study	Poster	<b>Armin Ariaei</b>	Thursday	16:00 - 17:30



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582	Coenzyme Q10 Supplementation in Multiple Sclerosis: A Systematic Review	Poster	<b>Sina Pakkhesal</b>	Thursday	16:00 - 17:30
266	Knowing the memory centers in the brain	Poster	<b>Fatemeh Sadeghi</b>	Thursday	16:00 - 17:30
653	Notch Signaling Functions on Neural Stem Cells Proliferation and Differentiation	Poster	<b>Arya Moftakhar</b>	Thursday	16:00 - 17:30
609	Sleep Deprivation, effects on brain development and behavioral functions	Poster	<b>Ali Gallaj</b>	Thursday	16:00 - 17:30
248	Mutant and wild $\alpha$ -synuclein changes learning and memory in cerebral hypoperfusion-induced vascular dementia in rats	Poster	<b>Sanaz Bordbar</b>	Thursday	16:00 - 17:30
470	The Performance of Machine Learning and Deep Learning for Diagnosis of Lumbar Spine Stenosis; A Systematic Review and Meta-Analysis	Poster	<b>Amirmohammad Bahri</b>	Thursday	16:00 - 17:30
638	A systematic review of evaluating the effectiveness of non-invasive brain stimulation techniques on patients who have Alzheimer's disease(AD)	Poster	<b>Rauf Rostami</b>	Thursday	16:00 - 17:30
588	safety and efficacy of Ocrelizumab for progressive multiple sclerosis: A systematic review	Poster	<b>SEYEDEMAD SEYEDGHOLAMYSHARABIANI</b>	Thursday	16:00 - 17:30
286	Age cut-off for evaluating multiple sclerosis patients' cognitive impairment	Poster	<b>SEYEDEMAD SEYEDGHOLAMYSHARABIANI</b>	Thursday	16:00 - 17:30
616	Using microRNAs as biomarkers in ASD: A Review study	Poster	<b>Mohammad Kordkatouli</b>	Thursday	16:00 - 17:30
271	Stem-cell therapy for multiple sclerosis-related bladder dysfunctions; a systematic review	Poster	<b>Niloufar Pourakbar</b>	Thursday	16:00 - 17:30
259	Vitamin D3 administration ameliorates the anxiety and depressive-like behavior induced by nicotine withdrawal: A mechanistic focus on oxidative stress, inflammatory response and serotonergic transmissi	Poster	<b>Farimah Beheshti</b>	Thursday	16:00 - 17:30
153	Comparison of novel surgery technologies for Glioblastoma removal: A Narrative Review	Poster	<b>Mohammad Bahmei</b>	Thursday	16:00 - 17:30
670	Unleashing the Power of Music: A Meta-Analysis of the Impact of Musical Training on Cognitive Performance and Intro Config Process	Poster	<b>Mohammad Taha Nami</b>	Thursday	16:00 - 17:30
178	Pomegranate seed extract ameliorates scopolamine-induced amnesia in rats	Poster	<b>Hadi Feizi</b>	Friday	9:00 - 12:00
439	Evaluation of the possible effect of interaction between ghrelin and dopamine D1 receptor agonist SCH23390 on cognitive impairments in STZ-Alzheimer rat model	Poster	<b>Ruhollah Karamian</b>	Friday	9:00 - 12:00
154	Mild and intense early life stress differentially affect behavioural responses to social defeat in young adult rats and morphology of CA3 pyramidal neurons	Poster	<b>Zahra AlizadehEzdini</b>	Friday	9:00 - 12:00
77	Emotional pain or physical pain: The contribution of hedonics in motor performance of runners	Poster	<b>Mahboubeh Ghayournajafabadi</b>	Friday	9:00 - 12:00
634	Switchman Hypothesis; A Novel Therapy Based on Trigeminal Nerve Stimulation by Sneezing for Management	Poster	<b>MohammadSadegh Masoudi</b>	Friday	9:00 - 12:00
525	Association of the c.385C>A (p.Pro129Thr) polymorphism of the fatty acid amide hydrolase gene with eating disorders, drug abuse, and mood-related disorders: A systematic review	Poster	<b>Nazanin Hatami bavarsad</b>	Friday	9:00 - 12:00
453	Foot mental rotation ability and walking in multiple sclerosis patients with mild disability	Poster	<b>Mahdieh Azin</b>	Friday	9:00 - 12:00
646	Brain insulin resistance in Alzheimer's disease	Poster	<b>Sasan Andalib</b>	Friday	9:00 - 12:00
566	Neurocognitive Aspects of Alexithymia in Adolescent Development	Poster	<b>Elham Ahangaran</b>	Friday	9:00 - 12:00
449	The effects of gut microbiota on drug addiction	Poster	<b>Somayeh Shahidani</b>	Friday	9:00 - 12:00
466	[Met5]enkephalin semicarbazide, with higher analgesic effects, compared with [Met5]enkephalin	Poster	<b>Zahra Rezaeiasl</b>	Friday	9:00 - 12:00

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497	Blocking the dopaminergic receptors within the hippocampal dentate gyrus reduced analgesic responses induced by restraint stress in the formalin test	Poster	<b>Farzaneh Nazariserenjah</b>	Friday	9:00 - 12:00
498	Contribution of the intra-hippocampal orexin-1 receptors in the regulation of restraint stress response to pain-related behaviors in the formalin test	Poster	<b>Farzaneh Nazariserenjah</b>	Friday	9:00 - 12:00
459	Ceftriaxone improves senile neurocognition damages induced by D-galactose in mice	Poster	<b>Elham Hakimizadeh</b>	Friday	9:00 - 12:00
460	Ameliorating Effect of Pistachio Hydroalcoholic Extract on Cisplatin-Induced Nephrotoxicity in Mice	Poster	<b>Elham Hakimizadeh</b>	Friday	9:00 - 12:00
461	Calcium dobesilate protects against D -galactose-induced hepatic and renal dysfunction, oxidative stress, and pathological damage	Poster	<b>Elham Hakimizadeh</b>	Friday	9:00 - 12:00
54	The impact of Chrysin and Gallic acid on blood-brain barrier integrity and expression of claudin-5 in a rodent model of cerebral ischemia	Poster	<b>Shahein Momenabadi</b>	Friday	9:00 - 12:00
341	Naringin and trimetazidine ameliorate baroreflex sensitivity and nucleus tractus solitarius electrical activity in acute kidney injury	Poster	<b>Negin Amini</b>	Friday	9:00 - 12:00
165	Nitric oxide modulates short and long-term changes in hyperalgesia induced by empathy	Poster	<b>FATEMEH Mohammadi</b>	Friday	9:00 - 12:00
342	Comparison the effect of trunk and lower limb neuromuscular control among active individuals with chronic ankle instability, copers and healthy controls during, footwork dynamic discrete tasks: A syste	Poster	<b>Somayeh Mohamadi</b>	Friday	9:00 - 12:00
333	Transcranial photobiomodulation intensify learning and memory in hindlimb unloading in a mouse model of microgravity exposure	Poster	<b>SAREH KAZMI</b>	Friday	9:00 - 12:00
106	Effect of Escitalopram on long-term plasticity in the hippocampal CA1 area in rats under predictable and unpredictable mild-chronic stress	Poster	<b>Vajihe Saedimarghmaleki</b>	Friday	9:00 - 12:00
374	Neurodynamics of Role-Playing Intervention: Insights into the Impact of Psychodrama on Neural Pathways	Poster	<b>Mohammadsadegh Razmhosseini</b>	Friday	9:00 - 12:00
375	Neurological Pathways of Impulsivity Leading to Behavioral Addiction	Poster	<b>Mohammadsadegh Razmhosseini</b>	Friday	9:00 - 12:00
131	Therapeutic Effects of CORM3 and NaHS in Chronic Kidney Disease induced Cognitive Impairment in Rat	Poster	<b>Zeinab Hamidizad</b>	Friday	9:00 - 12:00
170	Neurobehavioral effects of methamphetamine and sleep deprivation in adult and adolescent male rats	Poster	<b>Mehdi Khodamoradi</b>	Friday	9:00 - 12:00
168	Methamphetamine alters local efficiency analysis of resting–state functional brain network	Poster	<b>Mehdi Khodamoradi</b>	Friday	9:00 - 12:00
622	Evaluation of temozolomide drug concentration in blood plasma for treatment of glioblastoma tumor: an animal study	Poster	<b>Akram Shahidani</b>	Friday	9:00 - 12:00
517	Epilepsy Diagnosis and Seizure Localization Using Resting State EEG Signal and Time-Frequency Analysis	Poster	<b>Alireza Fallahi</b>	Friday	9:00 - 12:00
132	NEUROMODULATION OF MESENCHYMAL STEM CELL THROUGH PPAR SIGNALING IN ALZHEIMER'S DISEASE MODEL	Poster	<b>Samira Malekzadeh</b>	Friday	9:00 - 12:00
155	Exosomal microRNAs: the role from diagnostic to therapeutic applications in Alzheimer's Disease	Poster	<b>Nasrin Abolhasanpour</b>	Friday	9:00 - 12:00

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218	Transgenerational effects of morphine administration during adolescence on passive avoidance learning and memory	Poster	<b>Vida Alipour</b>	Friday	9:00 - 12:00
326	staurosporine induced neurite outgrowth during Phosphoinositid signal pathway in PC12 cells	Poster	<b>Hossein Zhaleh</b>	Friday	9:00 - 12:00
327	Methamphetamine-induced cell cytotoxicity suppressed by Descurainia sophia oil in PC12	Poster	<b>Hossein Zhaleh</b>	Friday	9:00 - 12:00
380	Neuroprotective effect of cerium oxide nanoparticles in a rat model of neuropathic pain	Poster	<b>Fatemeh Forouzanfar</b>	Friday	9:00 - 12:00
656	The Potential Therapeutic Impact of Simvastatin in Ameliorating Neuroinflammation and Cognitive Deficits in Alzheimer's Disease: An Experimental Study in Wistar Rats	Poster	<b>Elham Zahedi</b>	Friday	9:00 - 12:00
659	The Potential Impact of Discontinuing Endurance Exercise on Cognitive Function and Neuroprotection: Insights from a Rat Study	Poster	<b>Elham Zahedi</b>	Friday	9:00 - 12:00
177	Neural Activity of Somatosensory Cortex Following Transplantation of Dental Pulp Stem into Right Lesioned-Barrel in Rats	Poster	<b>Mansoureh Sabzalizadeh</b>	Friday	9:00 - 12:00
565	The Neural Correlates of Cardiovascular Disease: A Neurocognitive Perspective	Poster	<b>Somaye Naghavi</b>	Friday	9:00 - 12:00
161	Unlocking the Therapeutic Potential: NSCs Exosomes in Stroke Recovery	Poster	<b>Vida Mafikandi</b>	Friday	9:00 - 12:00
504	Effect of Nicotine Abstinence in Parents on Anxiety Behavior of The First Generation of Male Rats	Poster	<b>Seyedeh fatemeh Hosseini</b>	Friday	9:00 - 12:00
505	Reduction of Glutamate Function and Importance in Schizophrenia	Poster	<b>Seyedeh fatemeh Hosseini</b>	Friday	9:00 - 12:00
91	Investigating the analgesic and anti-inflammatory effects of the ethanolic extract of Suaeda aegyptiaca fruit in an animal model	Poster	<b>Hoda Hosseinikarizomr</b>	Friday	9:00 - 12:00
16	The use of medicinal plants in the treatment of Alzheimer's disease	Poster	<b>Somaye Hesami</b>	Friday	9:00 - 12:00
15	Investigating the relationship between cyberspace use and sleep disorders in adolescents	Poster	<b>Somaye Hesami</b>	Friday	9:00 - 12:00
13	Corona vaccination in MS and NMO patients	Poster	<b>Somaye Hesami</b>	Friday	9:00 - 12:00
250	Investigating and analysis types of excitability in generalized Fitzhugh-Nagumo planar model from dynamical systems point of view	Poster	<b>Safar Mohammadi</b>	Friday	9:00 - 12:00
72	5-HT <sub>3</sub> receptor mediates the effects of Minocycline on pentylenetetrazole-induced clonic seizure in mice	Poster	<b>Samane Jahanabadi</b>	Friday	9:00 - 12:00
402	Effectiveness of Transcranial Direct Current Stimulation (tDCS) on cognitive function and memory in neurological disorders	Poster	<b>Leila Hosseini</b>	Friday	9:00 - 12:00
43	Exosomes as a nanotherapeutic agent for Alzheimer's and Parkinson's Disease treatment	Poster	<b>Leila Hosseini</b>	Friday	9:00 - 12:00
567	Persistent effects of early handling on motor activity and social interaction after social stress in adolescence: morphological alterations of striatal neurons	Poster	<b>Negar Kayedi-Bakhtiari</b>	Friday	9:00 - 12:00
116	Minocycline Ameliorate Sepsis-Induced Neuroinflammation and Oxidative Damage and Accelerate Mice Recovery from Sepsis	Poster	<b>Hossein Salmani</b>	Friday	9:00 - 12:00
115	Assessing Rodent Working Memory: A Review of Tasks and Methodological Approaches	Poster	<b>Behnaz Namdarzadeh</b>	Friday	9:00 - 12:00
10	Animal models of tinnitus: a review of pharmacological and noise methods	Poster	<b>Mitra Rezapour</b>	Friday	9:00 - 12:00
322	Vagus nerve stimulation for treatment of tinnitus: A review and perspective	Poster	<b>Mitra Rezapour</b>	Friday	9:00 - 12:00
298	Investigating the effect of different doses of valproic acid on cellular and tissue changes in the hippocampal CA1 region in the focal ischemia model in male rats.	Poster	<b>Samaneh Seyedi</b>	Friday	9:00 - 12:00
125	Investigating the correlation between neural activity of the frontal cortex and response inhibition via QEEG	Poster	<b>Sevda Abbasi</b>	Friday	9:00 - 12:00

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143	Melatonin protective effect against amyloid $\beta$ -induced neurotoxicity mediated by mitochondrial biogenesis; involvement of hippocampal Sirtuin- 1 signaling pathway	Poster	<b>Mitra AnsariDezfouli</b>	Friday	9:00 - 12:00
145	Four mutations in C20orf54 identified in Brown–Vialeto–Van Laere syndrome	Poster	<b>Mitra AnsariDezfouli</b>	Friday	9:00 - 12:00
354	Effects of 10-week Exercise Therapy in Transverse Plane at Home on Postural Stability and Initiation of Gait in Patients with Parkinson’s Disease: A Clinical Trial	Poster	<b>Mohammed Ashtiani</b>	Friday	9:00 - 12:00
355	Biomechanical Evaluation of Trunk Stability in Response to Unexpected Quick Release Perturbation in Patients with Parkinson’s Disease and Age-matched Healthy Individuals	Poster	<b>Mohammed Ashtiani</b>	Friday	9:00 - 12:00
331	Transcranial Direct cranial current stimulation (tDCS) in behavioral and Internet addiction : A review of efficacy, technical, and and methodological issues	Poster	<b>Zakiyeh Lashgari</b>	Friday	9:00 - 12:00
37	Neurotoxicity in central nervous system hematologic disease associated CAR-T cell therapy	Poster	<b>MohammadSaleh Safari</b>	Friday	9:00 - 12:00
38	The role of microRNA alterations in triggering inflammatory cascades related to Alzheimer's Disease pathogenesis	Poster	<b>MohammadSaleh Safari</b>	Friday	9:00 - 12:00
92	Prevalence and Patterns of Spine and Spinal Cord Injuries in Patients Presenting to the Emergency Department	Poster	<b>Ali Arianezhad</b>	Friday	9:00 - 12:00
237	Investigation of the Potential of Anti-RhoA and Anti-ROCK Inhibitors for Locomotor and Sensory Improvement; A Systematic Review and Meta-analysis	Poster	<b>Armin Khavandegar</b>	Friday	9:00 - 12:00
313	Gut Microbiota and Cognitive Function: A Systematic Review	Poster	<b>Yeganeh Salimi</b>	Friday	9:00 - 12:00
527	Neuroprotective effects of stem cells in Alzheimer's disease: role of miRNAs	Poster	<b>Haniyeh Kariminejad-Farsangi</b>	Friday	9:00 - 12:00
21	The Influence of Bilingualism on Executive Functions: A Review	Poster	<b>Soha Nesari</b>	Friday	9:00 - 12:00
71	The significance of cytokines in the development of schizophrenia	Poster	<b>Sara Razavi</b>	Friday	9:00 - 12:00