کد مقاله	عنوان مقاله	نوع ارائه	ارائه دهنده	روز ارائه	زمان ارائه	مدت زمان ارائه	سالن ارائه	تعداد اسلاید		
	Young Investigator Award: Fast Presentations									
192	Amyloid $\beta$ -induced LTP impairment accompanied by hippocampal Aralkylamine N-Acetyltransferase activity attenuation	Oral	Leila KarimiZandi	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
314	The effect of high-intensity interval training and coenzyme Q10 supplementation on passive avoidance memory and synaptic plasticity in a rat model of amyloid beta-induced Alzheimer's disease	Oral	Samira Pouyanmajd	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
121	Exploring the Predictive Power of TMS-EEG in Cognitive Abilities: A Correlation Analysis with Three Cognitive Tasks	Oral	Mojtaba Chizari	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
33	Geraniol improves passive avoidance memory and hippocampal synaptic plasticity deficits in a rat model of Alzheimer's disease	Oral	Shekofeh Bagheri	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
636	Effects of nano-curcumin on noise stress-induced hippocampus-dependent memory impairment: behavioral and electrophysiological aspects	Oral	Azam Alinaghipour	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
302	Context-specific and context-invariant computations of interval timing	Oral	Ahmad Pourmohammadi	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
587	Effects of Reward and Punishment on Reaction Time and Performance During a Target Selection Task	Oral	Najme Golimahmoudi	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
445	Bile duct ligation alters the long-term potentiation and avoidance memory via the opioid pathway in rats	Oral	Mohadeseh Rahimi- Vala	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
188	Online AI-Based Cognitive Assessment Platform for Comprehensive Cognitive Evaluation	Oral	Zahra Rezvani	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
50	Stimulation-induced synaptic reorganization is shaped by inhibitory plasticity in a reduced model of Parkinson's disease	Oral	Mojtaba Madadi Asl	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
614	Brain age estimation of neonates based on structural MRI using Gaussian process regression	Oral	Seyedeh Masoumeh Taji	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
407	"Computational Modeling of Treatment Response to Transcranial Direct Current Stimulation (tDCS) on Fibromyalgia Pain Intensity "	Oral	Mehrnaz Hosseinzadeh	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
575	A Hybrid Deep Cross-Channel Correlation and Attentive Spatio-Temporal Representation Learning Model for Parkinson's Disease Diagnosis Using Resting State EEG	Oral	Mohammadreza Shahsavari	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
95	Design a diagnostic assistant for early Alzheimer's disease detection using deep learning methods on magnetic resonance imaging	Oral	Sepehr Rezaee	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
578	Decoding visuospatial Working Memory based on spike times within visual areas relative to frontal beta oscillation	Oral	AbdolShakoor Mohammadi	Wednesday	15:15 – 18:00	3 min	Hall 1	2		
139	The effect of transcranial direct-current stimulation on prolonged anosmia/ hyposmia in patients with COVID-19	Oral	Naseh Yousrfi	Wednesday	15:15 – 18:00	3 min	Hall 1	2		

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603	A Novel Gamified Approach for Objective Screening of Attention-deficit/hyperactivity  Disorder in Children	Oral	Zeinab Zakani	Wednesday	15:15 – 18:00	3 min	Hall 1	2
528	Protective effects of Spirulina platensis, voluntary exercise and environmental interventions on cognitive functions, BDNF changes and morphological remolding in a preclinical model of stress	Oral	Nasrollah Moradikor	Wednesday	15:15 – 18:00	3 min	Hall 1	2
8	The effectiveness of virtual reality-based mindfulness training on reducing the incompatibility of students with specific learning disabilities	Oral	Akram Azarnia	Wednesday	15:15 – 18:00	3 min	Hall 1	2
45	Neural Roadmap of Positive, Negative, and Neutral Mood Induction impact on Driving Behavior Using fMRI	Oral	Sama Rahnemayan	Wednesday	15:15 – 18:00	3 min	Hall 1	2
211	The Effect of Pathogenic and Non-pathogenic Escherichia coli Strains on Spatial Memory and Anxiety in Rat	Oral	Erfan Soroush	Wednesday	15:15 – 18:00	3 min	Hall 1	2
379	Stimulation of principal pathways of hippocampal formation with different frequencies and evaluation of its effect on spatial memory consolidation in male rats	Oral	Tara Asgari	Wednesday	15:15 – 18:00	3 min	Hall 1	2
61	Examining the Relationship between Response Threshold to Electrical Stimulation and Sensitivity to Pentylenetetrazol Kindling in Male Rats	Oral	Nastaran RoshdRashidi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
585	Cannabinoid receptors and the proconvulsant effect of toxoplasmosis in mice	Oral	MohammadMahdi Ghanbari	Wednesday	15:15 – 18:00	3 min	Hall 1	2
75	Neurodegeneration with Brain Iron Accumulation Disorders and Retinal Neurovascular Structure	Oral	Elahe Amini	Wednesday	15:15 – 18:00	3 min	Hall 1	2
30	Laughing ceased, Nitrous oxide-induced Myelopathy evolved: A case report	Oral	Mahsa Sepahvand	Wednesday	15:15 – 18:00	3 min	Hall 1	2
364	MicroRNA-22: a Novel and Potent Biological Therapeutics in Neurological Disorders	Oral	SeyedHamidreza RastegarMoghaddam	Wednesday	15:15 – 18:00	3 min	Hall 1	2
204	Administration of growth hormone ameliorates adverse effects of total sleep deprivation	Oral	Parisa Arvin	Wednesday	15:15 – 18:00	3 min	Hall 1	2
32	Neurochemical ameliorating of the hippocampus in dyslipidemic Alzheimer patients following Silymarin; a double-blind placebo-controlled randomized clinical trial	Oral	Auob Rustamzadeh	Wednesday	15:15 – 18:00	3 min	Hall 1	2
611	Truncated Whey Proteins as Bioactive Peptides Inhibit Alpha-Synuclein Fibrillization	Oral	Maryam Motamedi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
83	The Role of Inhaled Estradiol and Myrtenol, Alone and in Combination, in Modulating Behavioral and Functional Outcomes Following Traumatic Experimental Brain Injury	Oral	Mohammad Amin Rajizadeh	Wednesday	15:15 – 18:00	3 min	Hall 1	2
502	Role of autotaxin in the pathophysiology of hepatic encephalopathy at the level of the gut- liver-brain axis: an in vitro and in vivo study	Oral	Ali Sepehrinezhad	Wednesday	15:15 – 18:00	3 min	Hall 1	2
526	Establishing of animal model of Rat Optic nerve crush	Oral	Kimia Ahmadi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
219	Adapting International Clinical Practice Guidelines for Rehabilitation Management of Acute Spinal Cord Injury in Iran	Oral	Seyedbehnam Jazayeri	Wednesday	15:15 – 18:00	3 min	Hall 1	2
242	Comparison of Anterior and Posterior Surgical Approaches to Degenerative Cervical Myelopathy: A Systematic Review and Meta-analysis	Oral	Sepehr Khosrabi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
544	Microfluidic fabrication of polycaprolactone fibers containing polydopamine-magnetic nanoparticles for nerve tissue engineering	Oral	Zahra Forootan	Wednesday	15:15 – 18:00	3 min	Hall 1	2
396	The effect of nanometformin on the hippocampal CA1 neurons after cerebral ischemia due to transient bilateral occlusion of common carotid arteries in rat	Oral	Jahan Chupani	Wednesday	15:15 – 18:00	3 min	Hall 1	2

400	Robust and Accurate Diagnosis of Multiple Sclerosis from MRI using Deep Neural Networks	Oral	Amin Mozayyan	Wednesday	15:15 – 18:00	3 min	Hall 1	2
357	Hypothermia, Insulin, and Combined Treatment for Intracranial Hemorrhage After Traumatic Brain Injury	Oral	Shahrokh Mousavi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
225	Acellular fetal skin in prenatal treatment of myelomeningocele: A preclinical study	Oral	Alireza SoltaniKhaboushan	Wednesday	15:15 – 18:00	3 min	Hall 1	2
269	Investigating the link between inflammatory biomarkers and neurotrophic factors and cognitive impairment in MS	Oral	Niloufar Pourakbar	Wednesday	15:15 – 18:00	3 min	Hall 1	2
238	Evaluation of Upper Extremity Kinematic Synergies in Parkinson's Patients in ON and OFF Medication States	Oral	Erfan Kashefi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
39	Computational Linguistics Reveals Consistent Indicators of Alzheimer's Disease across English and Persian	Oral	Sabereh Bayat	Wednesday	15:15 – 18:00	3 min	Hall 1	2
420	reward processing and risk preferences: an event related potential study	Oral	Sedigheh Naghel	Wednesday	15:15 – 18:00	3 min	Hall 1	2
533	Investigating the effectiveness of transcranial direct electrical stimulation on the electroencephalography pattern Quantification and symptoms of patients with OCD	Oral	Mohammadreza Gholipourfallahy	Wednesday	15:15 – 18:00	3 min	Hall 1	2
383	the effectiveness of clay therapy on self-esteem of children with specific learning disorder(dyslexia)	Oral	Maryam Bayat	Wednesday	15:15 – 18:00	3 min	Hall 1	2
315	Effect of sensorimotor training combined with transcranial direct current stimulation on cortical sensorimotor processing and clinical symptoms in patients with chronic low back pain	Oral	Soheila Qanbari	Wednesday	15:15 – 18:00	3 min	Hall 1	2
100	Construction of neural conduit with piezoelectric property with injectable gel of gellan containing alginate and curcumin with the aim of repairing nerve tissue	Oral	Farhan Delavar	Wednesday	15:15 – 18:00	3 min	Hall 1	2
137	Anti-tumoral effects of Riluzole in comparison with Temozolomide on Glioblastoma and Spinal Cord Tumor stem cells derived from patients	Oral	Maedeh AmiriShahri	Wednesday	15:15 – 18:00	3 min	Hall 1	2
185	Safety Assessment of Drug Delivery across the Blood-Brain Barrier using Rapid Short-Pulse Sequences in vivo with Variable Intensity Focused Ultrasound	Oral	Fatemeh Nasrollahi Boroujeni	Wednesday	15:15 – 18:00	3 min	Hall 1	2
592	Study of the effect of Itaconic acid on thermal and chemical pain induced in larva and thermal pain in adult Drosophila melanogaster	Oral	Javad Jahangiri	Wednesday	15:15 – 18:00	3 min	Hall 1	2
665	Acamprosate effect on neuropathic pain in rats: With emphasis on the role of ERK/MAPK pathway and SCN9A sodium channel	Oral	Fateme Mehrabi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
484	The interactive effects of glucocorticoids and β-adrenoceptors in the basolateral amygdala on the expression of fear memory in a passive avoidance task in male rats	Oral	Morvarid Meamar	Wednesday	15:15 – 18:00	3 min	Hall 1	2
42	Enhancement of conformity behavior with the application of a non-invasive brain stimulation technique	Oral	Farzaneh AbdollahzadehBina	Wednesday	15:15 – 18:00	3 min	Hall 1	2
149	The Aβ neurotoxicity and the main regulatory enzyme of melatonin synthesis in pinealectomized rats	Oral	Shima Mohammadi	Wednesday	15:15 – 18:00	3 min	Hall 1	2
201	Oxytocin in dorsal hippocampus facilitates auditory fear memory extinction in rats	Oral	Amir Bazaz	Wednesday	15:15 – 18:00	3 min	Hall 1	2

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	Artificial Intelligence Applications	in Basi	ic and Clinical Neuro	science				
637	Al-Nano-Neuro Brain Interfaces: A Promise for Brain Communication, Disease detection, and Improvement	Oral	Nasibeh Rady Raz	Friday	8:00 - 9:30	10 min	Hall 5	10
65	Using Microsoft HoloLens 2 for fast and accurate neurosurgery planning	Oral	Ahmad PourRashidi	Friday	8:00 - 9:30	10 min	Hall 5	10
540	Investigating the prediction of SAG voltage under harmaline toxicity in response to positive charge in intracellular recording data with the help of artificial intelligence	Oral	Zeinab Naseri	Friday	8:00 - 9:30	10 min	Hall 5	10
403	Epilepsy Diagnosis and Seizure Localization using Resting State EEG Analysis and Machine Learning Approach	Oral	Alireza Fallahi	Friday	8:00 - 9:30	10 min	Hall 5	10
330	Predicting the value of the first spike latency in response to positive charge in intracellular recording data from healthy and unhealthy cerebellar purkinje cell using machine learning methods	Oral	Raheleh GhouchanNezhadNoorNia	Friday	8:00 - 9:30	10 min	Hall 5	10
593	Comparing the Results of Video Head Impulse Test in Patients with Peripheral and Central Vestibular System Tumors	Oral	Moslem Shaabani	Friday	8:00 - 9:30	10 min	Hall 5	10
66	Personalized 3D-Printed Skull Prosthesis by Polyether Ether Ketone after Neurological Surgery	Oral	Sajjad Najafi	Friday	8:00 - 9:30	10 min	Hall 5	10
	Brain effective connectome based on fMRI and DTI data: Bayesian causal learning and assessment	Oral	Mehdi Bagheri	Friday	8:00 - 9:30	10 min	Hall 5	10
	Neural Plasticity	<mark>/: Anim</mark>	al Studies					
373	Synergistic Effects of Piperine and Memantine on Reducing the Symptoms of Depression and BDNF Expression in Corticosterone Model of Depression in Amygdala and Hippocampus of Rat Brain	Oral	Amin Ataie	Friday	10:00 – 11:30	10 min	Hall 5	10
19	Repeated administration of N-acetylcysteine could reduce extinction-responding in the morphine conditioned rats	Oral	Seyedeh-Najmeh Katebi	Friday	10:00 – 11:30	10 min	Hall 5	10
321	NEW ALTERNATIVE IN CELL THERAPY USING ALLOGENEIC/HETEROLOGOUS SPERM HEAD TO REPAIR AND REGENERATE BRAIN IN ANIMAL MODEL OF ALZHEIMER'S DISEASE: GUIDANCES FROM REPRODUCTIVE IMMUNOLOGY	Oral	Nafiseh Pakravan	Friday	10:00 – 11:30	10 min	Hall 5	10
144	The role of miRNAs in neurodevelopment and neuropathology of the hippocampus	Oral	Mitra AnsariDezfouli	Friday	10:00 – 11:30	10 min	Hall 5	10
643	Low-Frequency Electrical Stimulation Reduces the Impairment in Synaptic Plasticity Following Epileptiform Activity in Rat Hippocampal Slices through $\alpha 1$ , But Not $\alpha 2$ , Adrenergic Receptors	Oral	Nooshin Ahmadirad	Friday	10:00 – 11:30	10 min	Hall 5	10
179	The eficacy of Vitamin B6 and alpha-lipoic acid in preventing levetiracetam depressant-like behavior in mice	Oral	Azadeh Mesripour	Friday	10:00 – 11:30	10 min	Hall 5	10
	The role of Theta burst parameters in inducing neuroplasticity at dlpfc while measuring it by TMS-EEG	Oral	Maryam Rostami	Friday	10:00 – 11:30	10 min	Hall 5	10

#### **Cognitive Neuroscience: Basic and clinical Studies**

135	Dose-dependent relationship between diurnal cortisol rhythm and delay discounting in cannabis users: A matched pair case-control study	Oral	Bijan Pirnia	Friday	8:00 - 9:30	10 min	Hall 6	10
44	No Effect of Biological Sex on Syntactic Processing: Evidence from ERPs and Balanced Bilinguals	Oral	Simin Meykadeh	Friday	8:00 - 9:30	10 min	Hall 6	10
6	Impact of Phonological Awareness Intervention Combined with Transcranial Direct Current Stimulation on Rapid Automatized Naming and Verbal Short Term Memory in developmental dyslexia: A Randomized Cont	Oral	Seyyedehsamaneh Mirahadi	Friday	8:00 - 9:30	10 min	Hall 6	10
79	A new statistic for steady-state evoked potentials: new insights into attention	Oral	Amir Norouzpour	Friday	8:00 - 9:30	10 min	Hall 6	10
112	A Low-Cost, Open-Source Automated System for the Assessment of Rat Cognitive Behavior	Oral	Behnaz Namdarzadeh	Friday	8:00 - 9:30	10 min	Hall 6	10
203	Eye Movements During Sentence Processing in High-Functioning Autistic Children Compared to Neurotypical Peers: an eye tracking study	Oral	Faezeh Dehghan	Friday	8:00 - 9:30	10 min	Hall 6	10
110	Cognitive appraisals of disability	Oral	Maryam Shabany	Friday	8:00 - 9:30	10 min	Hall 6	10

### **Multiple Sclerosis and Neuroinflammation**

528	Protective effects of Spirulina platensis, voluntary exercise and environmental interventions on cognitive functions, BDNF changes and morphological remolding in a preclinical model of stress	Oral	Nasrollah Moradikor	Wednesday	8:00 – 9:30	10 min	Hall 2	10
157	Defective complex III mitochondrial respiratory chain due to a novel variant in CYC1 gene masquerades acute demyelinating syndrome or Leber hereditary optic neuropathy	Oral	Maryam Rasoulinezhad	Wednesday	8:00 – 9:30	10 min	Hall 2	10
257	The effect of combined tDCS and VR training on fatigue, balance and walking in patients with multiple sclerosis	Oral	Yousef Moghadas tabrizi	Wednesday	8:00 – 9:30	10 min	Hall 2	10
69	Impact of royal jelly consumption on oxidative stress, EDSS and quality of life of patients with Multiple Sclerosis, a randomized, double-blind placebo controlled study	Oral	Susan Sabbagh	Wednesday	8:00 – 9:30	10 min	Hall 2	10
3	Autophagic Molecular Alterations in the Mouse Cerebellum Experimental Autoimmune Encephalomyelitis Model Following treatment with Cannabidiol and Fluoxetine	Oral	Maryam Akhavan	Wednesday	8:00 – 9:30	10 min	Hall 2	10
278	Exploring the Potential of Exosomal miRNAs as Biomarkers for Multiple Sclerosis: A Comprehensive Analysis of CSF and Serum Samples	Oral	Mina Mohammadinasr	Wednesday	8:00 – 9:30	10 min	Hall 2	10

	Neuropsychiatry										
520	RNA-based drugs for genetic neurological and neurodevelopmental disorders	Oral	Mohammad Javad Eslamizade	Friday	10:00 – 11:30	10 min	Hall 6	10			
274	Comparison of Psychological Tenacity and Irritability of Blood Groups	Oral	Mahnaz Babaei	Friday	10:00 – 11:30	10 min	Hall 6	10			
180	Endurance Training Preconditioning restores Antioxidant content and Integrity of the BBB in Hyppocampus of Psychosocial Stressed Male Rats Following Cerebral Ischemia-Reperfusion	Oral	Hadi Feizi	Friday	10:00 – 11:30	10 min	Hall 6	10			
542	The effects of Transcranial direct current stimulation (tDCS) on anxiety, depression and sleep quality in patients undergoing hemodialysis	Oral	Samaneh Farnia	Friday	10:00 – 11:30	10 min	Hall 6	10			
387	Transcranial Magnetic Stimulation for the Treatment of Depression and Psychiatric Disorders: Separating Hope from Hype	Oral	Alireza Mohammadi	Friday	10:00 – 11:30	10 min	Hall 6	10			
93	Social Cognitive Study of Inter-religious Prejudices and Stereotypes Among Kurd, Balochi, Turkmen University Students in Iran	Oral	Sobhan Rezaee	Friday	10:00 – 11:30	10 min	Hall 6	10			
	Spinal Cord Injury										
657	Comparative of Histologic and histomorphometric changes of proximal and distal part of the Sciatic nerve in diabetic rat treat by Aloe Vera gel extract	Oral	Hamid Reza Ghaffari	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
166	The effect of using the extracellular matrix of adipose tissue on the regenerative effects of bone marrow stem cells in the laboratory model of spinal cord injury in rats	Oral	Mohsen Rezaei	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
434	Hydrogel-Encapsulated Exosomes for the Regeneration of spinal cord injury	Oral	Maryam Jafarian	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
63	Related Fluoxetine and Methylprednisolone changes of TNF- $\alpha$ and IL-6 expression in the Hypothyroidism rat model of Spinal cord injury	Oral	Maryam Soleimani	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
175	Synergetic effect of conductive conduit and electrical stimulation for peripheral nerve regeneration applications	Oral	Zahra Hassannejad	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
99	Methods for evaluation of autonomic nervous system functions: a review	Oral	Roham Mazloom	Wednesday	8:00 – 9:30	10 min	Hall 3	10			
	Str	oke									
146	Tenecteplase administration for Acute Ischemic Stroke	Oral	Shahram Rafie	Thursday	16:30- 18:00	10 min	Hall 6	10			
339	The Neuroprotective Effect of Fucoxanthin on Water Content, Blood Brain Barrier and Neurological Scores after Traumatic Brain Injury in Male Rats: A Behavioral, Biochemical and Histological Study	Oral	ALi Siahposht khachaki	Thursday	16:30- 18:00	10 min	Hall 6	10			
332	Substantial increase in the social memory interaction by cell-free serum therapy in C/57 mice model of mPFC ischemia	Oral	SAREH KAZMI	Thursday	16:30- 18:00	10 min	Hall 6	10			
335	Predictive value of interleukin-6 and inflammatory indexes for acute stroke development in hospitalized COVID-19 patients	Oral	Mohsen Sedighi	Thursday	16:30- 18:00	10 min	Hall 6	10			
220	Role of M1 microglia on contralateral hippocampal long-term potentiation changes following unilateral intracerebral hemorrhage	Oral	Farzaneh Vafaee	Thursday	16:30- 18:00	10 min	Hall 6	10			
644	The role of neurotransmitters in glioblastoma multiforme-associated seizures	Oral	Nooshin Ahmadirad	Thursday	16:30- 18:00	10 min	Hall 6	10			