

In the name of **Allah**

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Chairman Message



On behalf of Iranian Neuroscience Society, It is with great pleasure that I welcome you to the 2015 Basic and Clinical Neuroscience Congress in Tehran. I also express gratitude to our collaborators, Tehran, Iran and Tarbiat Modares University.

The Conference is aimed to build the bridge between basic and clinical neuroscientists aspired to understand how the brain works, treat patients, and create new applied technologies. We hope that we can create the foundation to achieve this society's expectation. Our effort at this conference is to create a learning environment for all the scientists and clinicians working toward this ambition.

I sincerely invite you to this exciting opportunity to share your knowledge and discoveries and learn from others to shape a bright future for the research in the area of neuroscience.

Mohammad Taghi Joghataie, PhD

Chairman


Scientific Secretary
Message

Basic and Clinical
4th NEUROSCIENCE
Congress 2015



Dear Friends, Dear Colleagues,

On behalf of the organizing and scientific committees, it would be our great pleasure to welcome you to the 4th Basic and Clinical Neuroscience Conference (BCNC) in Tehran. Fortunately the remarkable attendance of Iranian scientists from the different regions of the globe and our internationally well recognized key note speakers, have provided us a pleasant atmosphere for scientific networking and exchange of ideas, from basic science to clinical applications.

The main themes of congress include: •Cellular and Molecular Neuroscience •Electrophysiology and Brain Mapping •Neurodegenerative diseases •Traumatic brain injuries •Neural stem cells and repair •Clinical Neuroscience •Neurodevelopmental Disorders •Cognitive and Behavioral Neuroscience •Neuropsychiatry and Neuropsychology •Computational Neuroscience

Beside the arrangement of more than 40 scientific symposiums in different fields of neuroscience, the congress has become more attractive by active participation of high school and university students committees. Several workshops are organized to enhance teaching and career developing aspects of the congress. Special attention has been made to connect neuroscience to marketing and out of academy careers. We hope you find the congress a fruitful one and spent a pleasant time in Tehran. We are looking forward to see you in next BCNC congress.

Sincerely yours,

Mohammad Javan, PhD
Basic Scientific Secretary

Bahram Haghi, MD
Clinical Scientific Secretary



December 23-25, 2015

Razi Hall, Tehran, Iran



Mohammad Reza Zarrindast
Honorary President



Mohammad Taghi Joghataie
Chairman



Hamed Ekhtiari
Chair Deputy



Mohammad Javan
Basic Scientific Secretary



Bahram Haghi Ashtiani
Clinical Scientific Secretary



Ali Shahbazi
Scientific Secretary Deputy



Naser Naghdi
Executive Secretary



Abbas Haghparast
Deputy of Executive Secretary



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Executive Director



Soraya Mehrabi
Student Committee Secretary



Sareh Asadi
High School Student Committee Secretary



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Mohammad Jafar Aye	Mehrdad Eftekhar	Kavous Firouznia	Ladan Hosseini gohari
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Kambiz Bagherzadi	Farzad Eshrafi	Mohammad-Reza Gheini	Masomeh Jorjani
Hossein Baharvand	Mahmoud Elahdadi Salmani	Fereshteh Golab	Nida Jamali Raoufi
Fariba Bahrami	Mohammad Morad Farajollahi	Bahram Haghi Ashtiani	Mahyar Janahmadi



Mohammad Javan	Amir Masoud Sodagar	Masoud Nabavi	Mohammad-Hossein Paknejad
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Majid Katebi	Masoud Mehrpoor	Hamid-Reza Naghavi	Ebrahim Pishyareh
Mahmoud Kiaei	Fereshteh Mehraein	Naser Naghdi	Mohammad Hossein Pourgholami
Laya Kafami	Bita Mehravi	Arezo Nahavandi	Jalal Pourahmad
Reza Kalantarinezhad	Javad Mirnajafizadeh	Abdorrahman Najlerahim	Hamid-Reza Pouretamad
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Alireza Khoshnevisan	Azaraksh Mokri	Mohammad Nasehi	Firoozeh Raisi
Sahar kiani	Mansoureh Movahedin	Farinaz Nasiri-Nejad	Ali Rashidy-Pour
Alireza Komaki	Reza Mollahosseini	Mohammad Najafi	Omidvar Rezaie
Morteza Koruji	Hadi Moradi	Maliheh Nobakht	Homa Rasouli
Fariba Khodaghali	Hamidreza Mostafavi-Abdolmaleki	Aliakbar Nejati-safa	Ameneh Rezayof
Fariba Karimzadeh	Mohammad-Reza Motamed	Farnaz Nikbakht	Mohsen Roshanpajuh
Mehran Kuchak	Fatemeh Moradi	Reza Nilipour	Reza Rostami
Nader Maghsoudi	Ali Motie Nasrabadi	Maryam Noroozian	Majid Safa
Amin Mahnam	Mohammad Ali Nazari	Abbas Norouzi	Kourosh Shahpasand
Saeed Mahani	Kazem Mousavizadeh	Mohammad Ali Oghabian	Reza Shirazi



Hushang Saberi	Ali Shamsizadeh	Ahmad Yamini-sharif
Mohammad Shabani	Mohammad-Bagher Shamsollahi	Ali Yoonessi
Ali Sahraian	Seyed-Vahid Shariat	Farhad Zaker
Hedayat Sahraie	Vandad Sharifi	Alireza Zali
Mohammad Salami	Mohammad Sharifzadeh	Babak Zamani
Taki Tarihi	Mohammad Sharify	Mohammad-Reza Zarrindast
Mohammad Torabi Nami	Vahid Sheibani	Jalal Zarringalam
Ali Samadi Kuchaksaraei	Mansooreh Soleimani	
Abdolrahman Sarihi	Masoud Soleimani	
Alireza Sarkaki	Hamid Soltanian-Zadeh	
Saeed Semnanian	Mohammad Taghi Joghataie	
Ali Shahbazi	Mehdi Tehrani-doost	
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Gholamali Shahidi	Abbas-Ali Vafaei	
Siamak Shahidi	Gelareh Vahab Zadeh	
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Sohrab Shahzadi	Nasim Vousooghi	



Sina Golafshan

Zeinab Kolahtouz

Leila Zare

Forough Foolad

Sahar Farhangi

Masoumeh Gholami

Narges Pachrnari



Soraya Mehrabi, PhD Student of Neuroscience, Tehran University of Medical Sciences

Etrat Hooshmandi, PhD Student of Neuroscience, Shahid Beheshti University of Medical Sciences

Leila Simani, PhD Student of Neuroscience, Shahid Beheshti University of Medical Sciences

Bahram Teimoori, Medical Student, Iran University of Medical Sciences

Asma Darvishi, Medical Student, Tehran University of Medical Sciences

Delaram Jafari, Medical Student, Shahid Beheshti University of Medical Sciences

Reza Panahi, Medical Student, Iran University of Medical Sciences

Behnam Chardoli, Medical Student, Iran University of Medical Sciences



Yaser Ghahremani	Marjan Derakhshandeh	Maryam Goldoust	Marziye Karami
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Samaneh Dehghan			



Organizers

Cellular and Molecular Research Center, Iran University of Medical Sciences
 School of Advanced Medical Technologies, Iran University of Medical Sciences
 Iranian Neuroscience Society

Colleagues

Tarbiat Modares University	Neuroscience Research Center, Kerman University of Medical Science
Cognitive sciences and technologies council	Royan Institute
Neuroscience Research Center, Shahid Beheshti University of Medical Science	Iranian National Brain Mapping Lab
Tehran University of Medical Sciences	Autism Association
Institute of Cognitive Science	
Iran Psychology and Counseling Organization	
Iranian Anatomical Sciences Association	

December 23-25, 2015

Razi Hall, Tehran, Iran



Keynote Speakers



Prof. Yehezkel BEN-ARI
France
Mediterranean Institute of Neurobiology



Prof. Giantivo Martino
Italy
Institute of Experimental Neurology,
Division of Neuroscience, San Raffaele
Hospital, Milan



Prof. Vincent Walsh
England
Institute of Cognitive Neuroscience,
University College London



Prof. Tatyana Stroganova
Russia
Moscow State University of Psychology
and Education



Prof. Constance HAMMOND
France
Director of Research INSERM,
Mediterranean Institute of Neurobiology



Prof. Saeed Semnanian
I.R. of Iran
Physiology Dept., Tarbiat Modares
University, Iran



Keynote Speakers



Prof. Hossein Baharvand
I.R. of Iran

Department of Stem Cells and Developmental Biology, Cell Science Research Center, Royan Institute for Stem Cell Biology and Technology, ACECR



Dr. Azarakhsh Mokri
I.R. of Iran

Department of Psychiatry, Roozbeh Hospital, Tehran University of Medical Sciences, Tehran, Iran, and Department of Clinical Sciences, Iranian National Center for Addiction Studies, Tehran University of Medical Sciences, Tehran, Iran



Dr. Farshad A. Mansouri
Australia
Monash University, Australia

Daily Program

Basic and Clinical

4th

NEUR  SCIENCE

Congress 2015

December 23-25, 2015

Razi Hall, Tehran, Iran

Time 90

Wednesday, 8:30-10:00, Hall 1

Vision

Presidium: Salehi, Yoonessi, Hadizadeh, Daliri, Akbarfahimi

20	Sina Salehi	Differential contribution of suppressive and enhanceive temporal neurons in face processing
20	Ali Younesi	Advances in understanding color vision
20	Hadi Hadi-Zadeh	Psychophysical Modeling of the Human Visual System
20	Mohammad Reza Daliri	Using Cross-frequency Coupling approach for Decoding of Object Categories in Brain Signals
10	Malahat Akbarfahimi	Visual Perception among Faller and Nonfaller Older Adult
10	Masoud Aghsaie fard	Visual Perception

Time 90	Wednesday, 8:30-10:00, Hall 2	
	Consciousness and attention	
	Presidium: Salehi Fadardi, Pishyareh, Yoonessi, Asadollahi, Khorami	
15	Pishyareh	Sensory integration in pyramid development in ADHD children
10	Nader Alirezaloo	Examining the Effectiveness of QEEG based Biofeedback on Attention & Behavior features of 7-14 year old boys with ADHD
10	Fatemeh Nouri	Graph-based salient object detection using color and edge features
10	Sedigheh Farokhimoghadam	The effects of passive vestibular therapy using vestibular stimulation on balance & cognition in children with ADHD
10	Borzoo Amirpour	Comparison of thought control strategies among students with and without test anxiety
10	Masoume Gholipour Cheshme Gilak	Effect of the pregnant age of women and event incident «Attention Disorder Hyper Dificit» (ADHD) in statistical community of educational women
10	Azadeh Borandeh	Evaluation of self-rating ADHD symptoms and CPT measurements in a sample of college students.
15	Panel discussion	-

Wednesday, 8:30-10:00, Hall 3		
Time 90	Cognitive aspect of psychiatric disorders	
Presidium: Alavi, Jalali Nadoushan, Ghadiri, Akbarfahimi, Eftekhar		
15	Alavi	A critical review on current medications in neurocognitive enhancement of schizophrenia
15	Jalali -Nadoushan	Retrospective and prospective aspect of social cognition in schizophrenia
15	Ghadiri vasfi	Retrospective and prospective aspect of social cognition in schizophrenia
15	Hamid Alipour	Effectiveness of Transcranial Direct Current Stimulation(tDCS) on Craving and positive affect and negative Affect in Methamphetamin Dependents
15	Pegah Vafaii	Evidence of anti-extinction in patients with schizophrenia
15	M. Akbarfahimi	The relationship between global functioning of patients with schizophrenia and Negative Emotional faces perception: An Event Related Potential Study (ERP)

Wednesday, 8:30-10:00, Hall 4		
Time 90	Brain Mapping	Presidium: Shalchian, Shamsollahi, Makki Abadi, Ghassemi, GhaziSaidi, Taremian
15	Makki Abadi	The online component of the electrical brain stimulation location using tensor analysis of EEG signal
15	Ladan GhaziSaidi	Interference Control In Elderly Bilinguals: Appearances Can Be Misleading
15	Farnaz Ghassemi	Identification of Brain-activity/Artifactual Components of EEG Using Independent Component Analysis
15	Farhad Taremian	Comparison study of Brain waves amplitudes among clinical depression and generalized anxiety patients; comparing theoretical conceptions and clinical findings
10	Reza Kazemi	Electrophysiological correlates of bilateral and unilateral repetitive transcranial magnetic stimulation in patients with bipolar depression
10	Narges Sadeghbeigi	A Review on Methodological Parameter Space in Language Mapping using Navigated Transcranial Magnetic Stimulation Studies
10	Nima Ganji	EEG in OCD patients

Time 90	Wednesday, 8:30-10:00, Hall 5	
	Short presentation: Neuroprotection and Neuroregeneration	
	Presidium: Akbari, Azizi, Anvari, Janahmadi, Soleimani, Faghihi	
10	Mohammad taghi Akbari	The Frequency of DYT1 (GAG Deletion) Mutation in Primary Dystonia Patients from Iran
10	Monireh Azizi	Comparison of Two Strategies for SCI Treatment : Chondroitinase ABC –loaded Nanoparticles and cell therapy by OECs
10	Enaiat Anvari	Impairment of the NTS insulin signaling pathway and baroreceptor reflex sensitivity in fructose feeding insulin resistant rats
8	Hassan Abbassian	Neuroprotective effects of WIN 55 212-2 on explorative behavior and passive avoidance memory disturbances due to harmaline administration in Rats
8	Zoleikha Golipoor	Transplantation of very small embryonic like stem cells to spinal cord injury rat model promotes movement recovery

8	Leila Deghani	Comparison of Heparin Binding Growth Factor Level in Multiple sclerosis Against Neuromyelitis Optica Patients
8	Majid Asadi Shekaari	Nepeta dschuparensis Bornm extract moderates COX-2 and IL-1 β expression in rat animal model of cerebral ischemia
8	Maryam Bagheri	Protocol for Three-dimensional Confocal Morphometric Analysis of Astrocytes
8	Mehrnaz Moattari	Study of transected sciatic nerve repair by chitosan/ Polyethylene oxide scaffolds and human mesenchymal stem cells from Wharton's jelly in Wistar rats : Withdrawal reflex latency analysis
8	Noorolhoda Fotovat eskandari	investigating the neuroprotective effect of HCG and Trolox on hippocampus neurons in ischemia-reperfusion in mice

Wednesday, 8:30-10:00, Hall 6		
Time 90	Bridging the Gaps in Sleep Neuroscience	
	Presidium: Saebipour, Zare, Torabi-Nami, Nazaraghaei, Sadeghniat	
15	Mohammad Reza Saebipour	The Neurochemistry of Insomnia; New Therapeutic Targets in Sleep Neuroscience
15	Bizan Zare	Wake Promoting Agents; Ifs and Buts
15	Mohammad Torabi-Nami	Behavioral Sleep Disorders, Parasomnias and Sleep Epilepsy; A Critical Dilemma
15	Farshad Nazaraghaei	Non-Pharmacological and Holistic Health Approaches Towards Insomnia
15	Khosro Sadeghniat-Haghighi	Circadian Rhythms and the Related Sleep Phase Disorders
15	Pannel	Promoting Sleep Research through Interdisciplinary working teams in Our Setting

Wednesday, 8:30-10:00, Hall 7

Workshop

Prof. V. Walsh

How to make a carrier in cognitive neuroscience out of academia?

Wednesday, 10:30-11:30, Hall 1

Opening Ceremony

Islamic Republic of Iran's National Anthem

Congress President

Chancellor of Iran University of Medical Sciences

The Ministr of Science, Research and Technology

Vice-President for Science and Technology

The Secretary of Cognitive science and technology council

Congress Basic Science Secretariat

Mohammad Taghi Joghataie

Javad Hajimiresmaeil

Mohammad Farhadi

Sorena Sattari

Kamal Kharrazi

Mohammad Javan

Wednesday, 11:30-12:15, Hall 1

Keynote Lecture

Prof. Y. Ben-Ari

Is delivery a critical period in the pathogenesis of autism?

Dr. Azarakhsh Mokri

Wednesday, 13:30-14:15, Hall 1

Keynote Lecture

Prof. V. Walsh

Why sleeping is the most important thing you do every day?

Wednesday, 14:15-15:00, Hall 1

Keynote Lecture

Prof. G. Martino

The therapeutic plasticity of neural stem cells in brain inflammation and regeneration

Wednesday, 13:30-15:00, Hall 2

Time 90

Computational modeling in cognitive neurosciences

Presidium: Sammaknejad, Safavimanesh, Bakouie, Khosrowabadi

20

Negar Sammaknejad

Computational modeling of behavior using eye tracking data

20

Farzaneh Safavimanesh

Stochastic Spatial Statistics in neuroscience

20

Fatemeh Bakouie

Complex systems in cognitive modeling

20

Reza Khosrowabadi

Graph theory in cognitive neuroscience

10

Panel

Wednesday, 13:30-15:00, Hall 3		
Time 90	Neurolinguistics	
Presidium: Parsa, Najlerahim, Ashayeri, Nilipour, Zamani		
15	Khosro Parsa	Memory Disorders in Mild Brain Damaged Patients
15	Nilipour	Neuroscience and the Mystery of Embodied Language
15	Abdolrahman Najlerahim	Early embodied capacities and Primary self -consciousness
15	Hassan Ashayeri	Neurocognitive Rehabilitation
10	Babak Zamani	Primary Progressive Aphasia
10	Zahra Moradi	Towards an understanding of the role of Insula in social cognition: Combined neuroimaging and neuropsychological approach
10	M. Mommenian	Neuroprotective Effects of Bilingualism

Time 90

Wednesday, 13:30-15:00, Hall 4

Short presentation: Neuropharmacology and Toxicology

Presidium: Attarzadeh, Sabetkasaei, Naderi, Haghparast, Saghaei, Mousavizadeh

8

Ghassem Attarzadeh Yazdi

Effect of dexamethasone on dex-ras1 and glucocorticoid-induced protein kinase ,SGK

8

Mojgan Fakhari

The effect of central orexin type 1 receptor blockade on the development of morphine dependency in the rat locus coeruleus neurons: an electrophysiological approach

8

Masoomah Mohamadpour

Stereological study of the effects of sodium benzoate and/or ascorbic acid on the rat cerebellum

8

Ruhollah Hosseini

Combination of Dexamethasone and Melissa officinalis has neuroprotective properties in Spinal Cord Injury

8

Akram Aboutorabi

Calcium-activated potassium channels electrophysiological characterization of crude venom of Iranian scorpion Buthotus schach.

8	Freshteh Mehri	Toxicity of 4-Methylimidazole on brain: using behavioral methods
8	Paria Arfa fatollahkhani	The effect of LH reducing agent on anxiety and novel object recognition memory in gonadectomized rats
8	AmirSina Homayooni	The effect of acute corticosterone administration on retrieval of remote and recent memory
8	Mohsen Seifi	Stress and age-dependent alterations in the GABA-A receptor system of the enteric nervous system of the mouse colon - Implications in inflammatory bowel disease
8	Azam Aminabadi	Evaluation of sub-chronic intra-hippocampal aminoguanidine on expression of anti/apoptotic genes in diabetic rats
8	Maryam Nazari	The role of basolateral amygdala' glucocorticoid receptors in late memory reconsolidation in rat

Wednesday, 13:30-15:00, Hall 5

Workshop

Prof. T. Stroganova

How MEG Works for Cognitive Neuroscience?

Wednesday, 13:30-15:30, Hall 6

Workshop

Student committee workshop

(Brain Dissection)

Wednesday, 13:30-17:00, Hall 7

Workshop

Neurogame

Time 90	Wednesday, 15:30-17:00, Hall 1 Neurodegenerative diseases Presidium: Haghdooost Yazdi, Mahani, Shabani, Dargahi, Shahpasand	
15	Hashem Haghdooost Yazdi	Preventive effect of Calcium channel blockers on the 6-hydroxydopamine-induced Parkinsonism in rat
15	Mahani	Multifunctional aspects of neurosteroid allopregnanolone in Parkinson's disease
15	M Shabani	Tremor induced by motor-related disorders and Cannabinoids: friend or foe?
8	Saman Esmaeilnejad	Valproic acid enhances repair capacity in kainic acid induced hippocampal degeneration
8	Mansooreh Heravi	Cytotoxic assessment of alpha-synuclein aggregates on primary hippocampal neurons compared to PC12 and SHS-Y5Y cell lines: a reliable model of synucleinopathies.
8	Sara Amiri	Activity changes of Protein Kinase C in the platelet of Alzheimer's disease model in adult male Rat
8	Sirvan Abbasbeigi	Synthesis and characterization of some benzofuranone derivatives for quantification of amyloid fibrillar aggregates
8	Banafsheh Dolatyar	Successful Function of Human Embryonic Stem Cell Derived Midbrain Dopaminergic Progenitor cells Following Transplantation into the Rat Model of Parkinson's Disease.

Time 90	<p>Wednesday, 15:30-17:00, Hall 2</p> <p>Epilepsy I</p> <p>Presidium: Sayyah, Elahdadi salmani, Karimzadeh, Nikbakht, Ataee</p>	
15	M. Elahdadi salmani	Stress and seizure: Lateral hypothalamus involved
15	Fariba Karimzadeh	Discrepancy of Type-1 AMPA receptors in the absence epilepsy as a neurodevelopmental disorder
15	Farnaz Nikbakht	Role of $\alpha\nu$ & $\alpha\rho$ nicotinic acetylcholine receptor subtypes in neural protection and aberrant Mossy fiber sprouting following kainite- induced temporal lobe epilepsy in rat
10	S. Ghafouri	Effect of low frequency stimulation on seizure-induced impairment in memory and synaptic potentiation of hippocampal slices of kindled rats

10	Alireza Amini Rad	Effect of nanocurcumine in the pentylenetetrazole model of epilepsy in mice:intraction of NO-cG pathway
10	Fahime Azimirad	Effect of minocycline on LPS clonic seizure Threshold modulatory effect on PTZ-induced clonic seizure in mice: involvement of NO pathway
10	Ramin Ataee	Evaluation of anticonvulsant activities of Eryngium caucasicum with MES and kindling model of seizure in mice
10	Samira Haghbidar	Direct inhibition of potassium channels underlies the proconvulsive action of carvone on central snail neurons

Wednesday, 15:30-17:00, Hall 3		
Time 90	Multiple Sclerosis and related diseases	
	Presidium: Nabavi, Moghadasi, Mohammadianinejad, Goudarzvand	
15	Nabavi	The mechanism of disease modifying therapies in MS
15	Moghaddasi	Cognitive disorders in MS
15	Mohammadiani nejad	Neuromyelitis optica: Symptoms and treatments
15	Goudarzvand	Remyelination and cognition: consequences of diverse strategies
10	Sakineh Taherkhani	Effectiveness of cognitive behavioural therapy (CBT) for the treatment of depression in people with multiple sclerosis
10	Maryam Soleimani	Comparative study of the effects of CoQ10 and Vitamin-D3 on EAE model of Multiple Sclerosis in C57BL/6
10	Tahereh Azimi	CD95L in multiple sclerosis patients: Results from a case-control study

Time 90	Wednesday, 15:30-17:00, Hall 4	
	Neuro-Oncology	
	Presidium: Sharifi, Arbabi, Farhan, Torabi-Nami, Ordoni	
15	Giv Sharifi	Functional Surgery Approaches in Malignant Astrocytomas
15	Farshid Arbabi	The Cognitive 'Toll and Aid' of Radiotherapy in High-grade Gliomas
15	Farshid Farhan	Malignant Gliomas, the Standard of Care vs. Emerging Trends
15	Mohammad Torabi-Nami	High-grade Gliomas in the Immuno-Oncology Era: A Beckoning Future
15	Jalal Ordoni	Hypothyroidism following radiation therapy to the non-pituitary brain tumors
15	The Panel	Promoting Neuro-Oncology Research and Interdisciplinary Approach in Our Setting, The Neuro-Oncology Scientific Club (NOSC)

Time 90

Wednesday, 15:30-17:00, Hall 5

Neuro Rehabilitation I

Presidium: Forough, Ahadi, Sajadi, Raissi, Emami Razavi, Abharian

15

Forough

rTMS in stroke

15

Ahadi

Biofidback in Neurorehabilitation

15

Sajadi

Rehabilitation interventions in multiple sclerosis

15

Raissi

rTMS in pain

15

Emami Razavi

Updates in spinal cord rehabilitation

15

Peyman Hassani Abharian

Drug Addiction, Brain and Rehabilitation

Time 90

Wednesday, 15:30-17:00, Hall 6

Short presentation: Molecular Neuroscience and Neurogenetics

Presidium: Samadi, Elahi, Asadi, Sahfeghati, Kariminejad

8	Afagh Alavi	HMSN-P -a new type of neuronopathy- and mutation in TFG gene in an Iranian pedigree
8	Arvin Haghightfard	Neuroimaging genetic study revealed novel findings in Pathophysiology of Internet addiction
8	Elahe Mozaffari	Investigation of COX-2-765 G→C gene polymorphism connection in migraineurs with parent marriage type
8	Elham Jaberi	Identification of mutation in GTPBP2 as cause of neurodegeneration accompanied by iron deposition in the brain
8	Hamed Dabiri	Variant T of TrkC-miR1-5p microRNA are highly expressed in some types of brain tumors with different degrees of malignancy

8	Saeed Faridi	Specific association of protein kinase C γ expression in the prefrontal cortex, hippocampus and cerebellar cortex with hepatic encephalopathy in rat
8	Soma Tahmasebi	Gene expression of calcium-calmodulin dependent protein kinase II α in brain of a rat model with hepatic encephalopathy
8	Amene Shahrokhi	The role of GABA transporter on physical development and neurological reflexes
8	Reza Salarinia	Decorin and fibromodulin expression from engineered monocytes promotes axonal regeneration and functional recovery in the rat Spinal Cord Injury model (SCI)
8	Vida Aghzadeh	Dopaminergic DRD3 and DRD4 receptors gene expression on major depression
8	Leila Dehghani	Direct and indirect modulatory actions on the ion channels contribute to the menthol-induced burst firing in snail neurons

Thursday, 8:30-10:30, Hall 1		
Time	120	Epilepsy II
Presidium: Mehvari, Hashemi, MirzaAskari, Mirnajafi-Zadeh		
15	Mehvari	Intracranial recording and electrocorticography in epilepsy surgery
15	Hashemi Fesharaki	Semiology of focal seizure
15	Mirza Askari	Semiology of genetic epilepsy
15	F. Fadaei	Neuropsychology of epilepsy
15	Shojaei	Effect of rTMS during epileptogenesis on electrophysiological properties and ionotropic glutamate currents of hippocampal CA1 neurons
15	K. Esmailpour	Effect of low frequency stimulation on kindling-induced learning and memory impairments

10	Marzieh Marahem	Effect of melatonin on electrical activity of Helix aspersa F1 neuron in a pentylenetetrazol induced epileptic model using intracellular recording system
10	Nastaran Afsordeh	Comparing the effect of estradiol and genistein on the onset of PTZ-induced seizure and nitric oxide serum>s level in ovariectomized rats
10	Samira Ramazi	Salvianolic Acid Improves Status Epilepticus and Learning and Memory Deficiency in Rat Model of Temporal Lobe Epilepsy

Time 120	Thursday, 8:30-10:30, Hall 2	
	Reward and Addiction	
	Presidium: Farhoodian, Rezayof, Sarihi, Shams, Miladi Gorji, Daneshmand	
15	Rezayof	Critical role of endocannabinoid system in memory formation
15	Sarihi	Glutamate receptors in the nucleus accumbens and their role in reward pathway
15	Shams	Effect of coQ10 modulates apoptosis in adult male rats striatum following methamphetamine administration
15	H. Miladi gorji	Effects of swimming exercise on anxiety and depressive-like behavior and voluntary morphine consumption in rat pups born from morphine dependent mothers during pregnancy
10	Bahman Sadeghi	Orexin-2 receptors in hippocampal CA1 area are involved in expression and extinction of morphine place preference in rats

10

Amin Mokhtari Zaer

Anti apoptotic effect of low intensity treadmill exercise in morphine dependent rats

10

Samad Javadi

The effects of Ap5, NMDA receptor Antagonist, in PI prefrontal cortex on morphine-induced CPP

10

Mona Sharifi Fardshad

Modulation of anxiety in crystalline heroin users by tDCS.

10

Hamidreza Famitafreshi

Synergistic Effect of Social Isolation and Morphine on Reduction of Neurogenesis and BDNF and Reduce in Cognitive and Emotional States

10

Shima Mehrabadi

The effect of sub effective dose of GABAB agonist on electrophysiological changes of WDR neurons in morphine tolerance in male rats

Time 120	Thursday, 8:30-10:30, Hall 3 Short Presentation: Learning and Memory Presidium: Rashidpour, Azizi, Hosseinmardi, Ataie, Soleimani Asl, Hosseinz	
8	Sara Soleimani Asl	An investigation into the ameliorating effect of Borago Officialis on amyloid β -induced cognitive impairment in the male rats
8	Amin Ataie	Interaction of Memantine with Homocysteine on the Apoptosis in the Rat Hippocampus cells
8	Roshanak Roustazade	Effects of different doses of saffron (<i>Crocus sativus</i> L.) extract on memory trend in rats
8	Monir ShayestehFar	Cognitive and motor and characteristics of parents of children with autism spectrum disorders: a new path for broader autism phenotype
8	Farimah Beheshti	The effects of Thymoquinone on learning and memory impairment induced by Scopolamine
8	Yousef Baghcheghi	The effects of Vitamin E on hypothyroidism-associated learning and memory impairment during juvenile growth in rats
8	Zahra Jalayeri	The effect of Metamphetamine exposure during pregnancy on learning and memory of rat,s offspring

8	Fahimeh Hashemirad	The effects of anodal transcranial direct current stimulation of movement related functional areas of the brain on motor sequence learning
8	Marzieh Dehghan shasaltaneh	the effect of i.c.v administration of beta boswellic acid on cognitive and phosphorylated tau in male rats
8	Masoumeh Nazari	Interaction between effects of AM251 and Baclofen on dentate gyrus synaptic plasticity in rats
8	Samaneh sadat Alavi	The Role of opioid receptors in avoidance memory corruption by mobile waves in rats
8	Zahra Azizi	Protective effects of thymol against amyloid beta-induced cytotoxicity
8	Shahram Zarabian	The role of CA3 GABA _A receptors in anxiolytic-like behaviors and avoidance memory deficit induced by D-AP5
8	Soheila Hosseinzadeh	Serotonergic modulation of learning processes via synchronicity of hippocampal electrical activity
8	Masoumeh Dadkhah	Role of glucocorticoid receptors of the infralimbic of prefrontal cortex on auditory fear memory extinction in rat

Thursday, 8:30-10:30, Hall 4		
Time 120	Pain and its Mechanisms	
Presidium: Manaheji, Haghparast, Imani, Zarringalam, Kayedi		
15	Haghparast	Orexinergic system and Pain
15	Kayedi	Partial involvement of PGA neurons in opiate withdrawal induced hyperactivity of rat LC neurons: electrophysiological study
15	Imani	Interventional management of chronic pain
15	Zarringalam	The variable effects of TNF on inflammatory pain
10	Atousa Janzade	Low Level Laser Therapy Reduces Apoptotic Factors And Increases Glutathione Levels In a Neuropathic Pain Model

10	BITA VASEGHI	Influence of concurrent cathodal tDCS of two sites of pain neuromatrix in a same hemisphere on the corticospinal excitability and its lasting effect
10	Elham Charmchi	The effect of restraint stress on morphine sensitization: involvement of D1-like dopamine receptors within the nucleus accumbens
10	Laleh Rezaee nazifi	Investigating the role of glia in LTP induction of spinal WDR neurons after L5 spinal nerve transection in male wistar rats.
10	Mahdieh Nourzadeh	Inflammatory pulpal pain impairs cognition via hippocampal Apoptosis
10	Somayeh Ezzatpanah	Differential contribution of orexin receptors within the ventral tegmental area to modulation of persistent inflammatory pain

Thursday, 8:30-10:30, Hall 5		
Optogenetics and Neuroimaging		
Presidium: Dargahi, Mirnajafizadeh, Safari, Zibaei, Ahmadieh, Latifi		
Time 120		
20	Mohammad Esmaeil Zibaei	Fabrication and application of optic and optoelectronic devices for optogenetics
20	Leila Dargahi	Opsin gene delivery and expression; behavioral and electrophysiological proof
20	Mir Shahram Safari	Optogenetic approaches for deciphering cell-type specific inhibition of visual responses in primary visual cortex
20	Javad Mirnajafi-Zadeh	Effect of basal forebrain cholinergic projections on GABAergic neurons in mouse visual cortex
20	Amir Mahmoudi	Optogenetic therapy in retinal degenerative disorders
20	Narsis Daftarian	Retinal ganglion cell as the main targets of retinal opto-genetic cell therapies
20	Hamid Latifi	Optical neuroimaging methods

Thursday, 8:30-10:30, Hall 6

Time 90

Short presentation: Cognition and Neurolinguistics

Presidium: Talkhabi, Dadashi, Nakhtiar, Moradi, Ashayeri

8

Mahmoud Talkhabi

Developing theoretical model of education from cognitive science's point of view

8

Mohsen Dadashi

Comparison the effectiveness of neurofeedback, pharmacotherapy and metacognitive therapy on occipital alpha amplitude in GAD

8

Mehdi Bakhtiar

The neural effect of age of acquisition on reading transparent and opaque words in Persian: An event-related potential measure

8

Fatemeh Shetabivash

Effect of online Cathodal/Anodal trans-cranial Direct Current Stimulation (tDCS) on right Ventrolateral Prefrontal Cortex (rVLPFC) on symptoms of ego depletion

8

Mahmoud Kargar

Visuospatial Memory dysfunction in Patients with Mild Cognitive Impairment (MCI)

8	Fahimeh Darki	Quantitative susceptibility mapping of brain iron and its association with working memory performance
8	Alireza Shams	Interaction effects of mood & behavior on body function via changes in serotonin levels of CNS & blood serum
8	Masoomeh Kazemi	Comparison of Visual Learning and Visual Memory Potency in Male Rhesus Monkey Based on Age
8	Elahe Shafiabadi	Comparison of Working Memory and Prospective Memory in Bilingual and Monolingual Individuals
8	Elnaz Roohi	Exploring L1 and L2 Speech Fluency in Aphasic Azari and Persian Bilinguals
8	Niloofer Keshtiari	Gender and recognition of emotional prosody: Evidence from a syllable-timed Language (i.e., Persian)

Thursday, 8:30-17:00, Hall 7

Workshop

Neurogame

Thursday, 11:00-11:45, Hall 1

Keynote Lecture

Prof. T. Stroganova

What changes in neural oscillations can reveal about developmental cognitive neuroscience: visual perception as a case in point?

Thursday, 11:45-12:30, Hall 1

Keynote Lecture

Prof. H. Baharvand

Human Neural Stem Cells derived from Cellular Programming and Reprogramming: Fundamentals and Implications

Thursday, 11:00-12:30, Hall 3		
Short presentation: Computational Neuroscience		
Presidium: Nili, Yoonessi, Bahrami, Alaie, Vahabi, Aarabi		
Time 90		
8	Abed Khorasani	Continuous Decoding of Rat Forelimb Force from Local Field Potentials
8	Ahmad Sohrabi	Simulating the effect of attention and noise on priming effect using a neurocognitive model: Its implication for psychopathology
8	Jahangir Mobarezpour	Screening of Asperger disorder using graph theoretical approach on task-free fMRI data
8	Mehdi Borjkhani	Computational Modeling of Opioid Receptors Function in Hippocampus
8	Milad Shojaee	Seizure prediction using a hippocampal neural circuitry model based on tripartite synaptic structure

8	Mojtaba Madadi Asl	The effect of dendritic and axonal propagation delays on the outcome of spike-timing-dependent plasticity of two coupled neurons
8	Zahra Ghasemi Esfahani	Delayed-coupled neuronal networks yield stimulus-dependent synchronization and communication channels
8	Abolfazl Nadi	Human mood detection using eye tracking
8	Mona Delavarian	A designed computer based neuro-cognitive program for screening children at risk for dyslexia
8	Taha Morshedzadeh	Cross-frequency coupling as a neural correlate of consciousness
8	Farzaneh Barjasteh	spike sorting based on multi clustering system
8	Zeinab Fazlali	Locus Coeruleus, Cortical State & Sensory Coding

Thursday, 11:00-17:00, Hall 4

Workshop

Student committee workshop

(Minimum Viable Product)

Thursday, 11:00-12:30, Hall 5

Iranian National Brain Mapping Lab: From Techniques to Services (90 min)

From Techniques to Services

Iranian National Brain Mapping Laboratory is an affiliate of the Ministry of Science, Research and Technology, which, in close cooperation with Ministry of Health, will provide the necessary infrastructures and efficient and up-to-date services for various brain mapping studies. Mission of INBML is to provide brain researchers with different services. There are different sections in lab, including f/MRI, brain stimulation, EEG, and fNIRS equipped with the most state of the art devices which can be used by researchers of different universities and centers. In this panel, INBML's structure, goals, and different services provided by it will be introduced and leading scientists will discuss different suggestions for extending brain mapping studies using these technologies in country.

Thursday, 10:30-15:30, Hall 6

High School Student Committee

Thursday, 13:30-14:15, Hall 1

Keynote Lecture

Prof. C. Hammond

Novel perspectives in treatment of parkinson disease

Thursday, 14:15-15:00, Hall 1

Keynote Lecture

Prof. S. Semnanian

New advances on nucleus locus coeruleus involvement in morphine dependency

Dr. Farshad A. Mansouri

Contribution of prefrontal cortex to primate cognition.

Time 90

Thursday, 13:30-15:00, Hall 2

Computational Neuroscience & Neuroengineering

Presidium: Marateb, Khanbabaie, Valizadeh, Nekoukar, Sarbaz, Daliri

15

Hamid Reza Marateb

A Density Based Spike Sorting Algorithm for Decoding Large Number of Neurons

15

Reza Khanbabaie

Mechanisms of Motion Detection in the Brain

15

Alireza Valizadeh

Impact of high frequency neurons on information transfer in neuronal networks

15

Vahab Nekoukar

The next generation of FES-assisted orthoses for rehabilitation of paraplegic subjects

15

Yashayar Sarbaz

Quantitative modeling of neural diseases; achievements, challenges and future directions

15

Hamed Seyed alaie

Phase diagram of spiking neural networks

Time 90	Thursday, 13:30-15:00, Hall 3 Neurodevelopmental disorders Presidium: Tehranidoost , Tonekaboni, Pouretamad, Hajighasem, Ashrafi	
15	S. H. Tonekaboni	EEG in autistic children
15	Pouretamad	Neuropsychological markers of autism
15	Hajighasem	Excitatory GABA as a neuropathological mechanism in neurodevelopmental disorders
10	Pegah Soleiman	Using a Parrot like Robot for Speech Therapy of Children with Autism
10	Meysam Amidfar	Influence of comorbid depression symptom on working memory capacity in Farsi-speaking Children with autism
10	Rezvan Noroozi	Genetic analysis of autism as a synaptopathy: evidence of association of GRM7 gene with ASD.
10	Monir ShayestehFar	Cognitive and motor and characteristics of parents of children with autism spectrum disorders: a new path for broader autism phenotype

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Thursday, 13:30-15:00, Hall 5

Workshop

Using No GEI CPD Signal Recording In Epilepsy, Source Localization & Children

Artan Teb Co.

Time 90	Thursday, 15:30-17:00, Hall 1 Neural Stem Cells and repair Presidium: Hamidiyeh, Mowla, Pourabdolhossein, Azari, Fathi, Kiani	
15	Mowla	Enhancing survival pathways in stem cells via manipulating Neurotrophins (NTs) and NT receptors: a potential application in cell-based therapy of neurodegenerative diseases
15	Pourabdolhossein	tEAE-induced ependymal cell plasticity is timely regulated with ectopic neuroblast migration
15	Dehghan	Oct4 overexpression in Conjunction with Valproic Acid increase neural stem cell and pluripotency markers and Accelerates Myelin Repair
15	Ghasemi	Enhancement of hippocampus repair by in vivo reprogramming of astrocytes to neurons
10	Mohammad Karimipour	From Neural Stem Cells to Integration of New Generating Neurons in Existing Hippocampal Circuitry: A New Promising Approach for Management and Treatment of the Alzheimer's disease
10	Omid Harandi	Control of stem cell self-renewal and differentiation by the heterochronic genes and the cellular asymmetry machinery in C. elegans
10	Behnaz Jafari	Effect of G-CSF on mobilization of transplanted bone marrow stem cells in model of Parkinson's disease

Time 90

Thursday, 15:30-17:00, Hall 2

Dementia and Alzheimer

Presidium: Zarrindast, Norouzian, Zamani, Naghdi, Shahidi

15	Norouzian	The role of prefrontal cortex in cognition
15	Zamani	Frontotemporal dementia
15	Akhondi	Rapidly progressive dementia
15	Naghdi	Alzheimer disease and protein kinases
15	Shahidi	Effect of N-acetyl-L-cysteine on learning and memory in rat model of Alzheimer disease
15	F. Asgharpour	effect of rosmarinic acid on the antiglycation of proteins and help to treatment of Alzheimer's disease

Thursday, 15:30-17:00, Hall 3		
Time 75	Movement disorders	
	Presidium: Shahidi, Ashrafi, Habibi, Fathi, Salehi, Parvaresh	
15	Gh Shahidi	Deep brain stimulation in Turret syndrome
15	Ashrafi	Cognitive impairments in Parkinson's disease: Evidence from an Iranian population.
15	Habibi	Deep brain stimulation in PD
15	Fathi	Applications of stem Cell in Parkinson's disease cell therapy
15	Sina Salehi	Identification and 3D shape approximation of the Subthalamic Nucleus in Deep Brain Stimulation

Time 90	Thursday, 15:30-17:00, Hall 5 Spinal cord and vascular injuries Presidium: Rahimi Movaghar, Joghataei, Ghorbani, Kiani, Nikbakht	
15	Joghataei	Advances in spinal cord injury therapies
15	Ghorbani	Vascular malformation in spinal cord
15	Nikoubakht	Spinal cord Tumors
15	Kiani	Transplantation of neural stem cells isolated from sub ventricular zone into a contusion spinal cord injury model in rhesus macaque monkeys
10	H Aligholi	Three-dimensional culture of adult neural stem/ progenitor cells using PuraMatrix: a comparative study using different methods
10	Sh Rastegar pouyani	Predicting cell cycle regulator genes during generation of astrocytes from neural stem cells using high throughput data
10	R. Jaber	Characterization of neural stem cell isolated from adult monkey SVZ
10	Gholamreza Kaka	The effect autologous intra spinal transplanting of bone marrow stromal cells into spinal cord injury rat model

Thursday, 15:30-17:00, Hall 6

Time 90

Short presentation: Stress and Neurodevelopmental Disorders

Presidium: Sheibani, Sahraie, Elahdadi, Nazari, Shahbazi, Farhoudi

8

MohammadAli Nazari

Emotional Processing in ADHD: ERN & LPP: A Review of Event-related Potentials (ERPs) (Study

8

Mojgan Jouybar

Postnatal bilateral whisker trimming alters the neuronal count in hippocampal formation of adult rats

8

Nahid Fathi

comparative analysis of Executive Function and Attention in 8-11 years old Children with ADHD and normal Controls

8

Parivash Purabbasi

Group-ICA reveals significant difference in facial expression recognition between ADHD and Normal children

8

Touraj Hashemi

Error Monitoring in ADHD: A Review of ERP Research

8	Belal Mosaferi	Post-weaning environmental enrichment improves BDNF response of adult male rats
8	Marjan Erfani	Evaluating of the effects of maternal physical and psychological stress on morphine-induced tolerance in the second generation of NMRI mice
8	Maryam Sardari	The basolateral amygdala determines the effect of stress on memory formation
8	Paria Hashemi	Interaction of prenatal stress and alcohol alters Corticosterone and seizure in rat pups both time and sex dependently

Time 120	Friday, 8:30-10:30, Hall 1	
	Stroke and Trauma	
	Presidium: Mehrpour, Bigdeli, Shahpasand, Sarkaki, Basiri, Aboutaleb	
15	Mehrpour	Interventions in acute stroke
15	MR Bigdeli	Preconditioning and ischemic tolerance elicited by neuroprotective factors
15	K. Shahpasand	A major early driver of traumatic brain injury and neurodegeneration that is blocked by antibody
15	A. Sarkaki	Cognition and brain electrical activity improved by ellagic acid through restoring brain content of TNF- α after traumatic brain injury
10	Mohsen Basiri	Melatonin treatment reduces astrogliosis and apoptosis in rats with traumatic brain injury

10	Fereshteh Azedi tehrani	Improving the translation of animal ischemic stroke studies to humans: Bench to bedside
10	Reza AHADI	Diagnostic Value of Serum Levels of GFAP, pNF-H, and NSE Compared With Clinical Findings in Severity Assessment of Human Traumatic Spinal Cord Injury
10	Hamid Reza Sadeghnia	Neuroprotective Effect of Rutin against Serum/Oxygen/Glucose Deprivation-Induced Cytotoxicity
10	Sepideh Khaksar	Cannabidiol targets Na ⁺ /Ca ²⁺ exchanger to ameliorate severity of ischemic damages in the animal model of cerebral ischemia
10	Kiana Karimifar	Effect of Viola odorata hydro-alcoholic extract on inflammatory factors (TNFR1 and NF-κB) expression in middle cerebral arteries occlusion (MCAO) stroke in the male rat
10	Mehdi Farhodi	New Strategy for Primary Stroke Prevention

Friday, 8:30-10:30, Hall 2		
Learning and Memory		
Presidium: Motamedi, Rashidy-poor, Vafaei, Salami, Komaki, Hosseinmardi		
15	RashidyPour	Effects of stress and glucocorticoids on memory extinction and reconsolidation
15	Vafaei	Effects of stress - related neurotransmitter systems on memory retrieval
15	Salami	Microbiota–Gut–Brain Axis: probiotics supplements, effective or ineffective
15	Komaki	The interactive role of cannabinoid and GABAergic systems in hippocampal synaptic plasticity in rats
15	Narges Hosseinmardi	The role of hippocampal orexin-1 receptors (OX1R) on CA1 augmented LTP in morphine dependent rats
10	Gholam Hossein Meftahi	Assessment of the effect of Crocus sativus on short term memory of human based on psychophysics method
10	Khadijeh alsadat Sharifi	Inhibition of ventral tegmental area GABA-A receptors reversed ACPA/morphine-induced memory impairment in rats
10	Ladan Vaghef	Effects of Crocus sativus on spatial memory, passive avoidance and oxidative stress in rats exposed to ischemia-reperfusion
10	Mahmoud Hosseini	L-arginine prevented spatial learning and memory impairment induced by lipopolysaccharide

Time 120	Friday, 8:30-10:30, Hall 3	
	Neurorestoratology	
	Presidium: Saberi, Ai, Begdeli, Sheikhezadei, Farahmand, Mobasher	
15	Hooshang Saberi	Efficacy of Granulocyte-Colony Stimulating Factor (G-CSF) administration for Neurological Improvement in incomplete post-rehabilitated, spinal cord injuries: a Double Blind Randomized Clinical Trial
15	Jafar Ai	Differentiation of human endometrial stem cells into Schwann cells (SCs) in fibrin hydrogel as 3D culture
15	Mohammad Reza Bigdeli	The effect of Sertoli-Stem Cell mixture Versus Stem Cell Therapy to Restore Cognitive and Neurologic Deficits
15	Abdolreza Sheikhezadei	Is there a golden time for early decompression in spinal cord injury?
15	Farzam Farahmand,	Intelligent Systems and Technologies for Neurorehabilitation
15	Hamid Mobasher,	Repair effects of polymeric biomaterials on damaged neural cells: a noninvasive biophysical approach to treat spinal cord injuries
15	Samaneh Sheikhi	The effect of presence of eNOS, MMP-9, and NADPH Oxidase Polymorphism on the Recovery in Patients with Transient Ischemic Attack
15	Panel Discussion	

Friday, 8:30-10:30, Hall 4		
Cognitive neuroscience		
Presidium: Yoonesi, Salehi, Nazari, Mirzaee, Hatami, Fadardi		
Time 120		
10	Mojtaba Soltanlou	The neural correlates of arithmetic in children: An fNIRS study
10	Mohsen Rafiei	Ensemble Representation: Human Capacity for extraction the average age from sets of faces
10	Seyyed abed Hosseini	A novel hybrid approach in estimating depth of anesthesia using multi-modal bio-signals
10	Mohammad Ali Nazari	Neuromarketing: An Event Related Potential Investigation of Consumers' Preferences to Drink Brands
10	Hossein Sepasi Moghaddam	The effect of visual stimulus repetition on performance in sub-second time discrimination task

10	Fateme Zareayan Jahromy	Functional connectivity between Temporal and Frontal lobes during object categorization
10	Khatereh Borhani	Choosing, Doing, and Controlling: Implicit Sense of Agency for Somatosensory Events
10	Ali Khatibi	Neuropsychophysiological responses predict biased processing of pain in facial expression of others
10	Hoda Majdi	Filter Bank Local Temporal Correlation Common Spatial Pattern for Motor Imagery-based BCIs
10	Jafar Mirzaee	Executive function, memory and neuropsychological in PTSD
20	Panel	

Time 90	Friday, 8:30-10:30, Hall 5 Neuro Rehabilitation II Presidium: Jaberzadeh, Rayegani, Alizadeh, Shariat, Ebrahimi, Arab	
15	Shapour Jaberzadeh	Concurrent dual-site tDCS of functionally connected brain sites: a novel technique to increase the size and lasting of corticospinal excitability
15	Majid Naeemi	Effectiveness of Audiovisual Stimulation on Executive function in Children with High-functioning Autism
10	Afsane Dadarkhah	Evaluation of transcranial direct current stimulation on improving quality of life & decreasing pain in fibromyalgic patients
10	Ali Akbar Sharifi	The impact of computerized cognitive rehabilitation on memory performance in patients with traumatic brain injury
10	Masoume Abedi	Evaluation of repetitive transcranial magnetic stimulation on decreasing pain of fibromyalgia
10	Majid Pourmemar	The design, development, and evaluation of a system for joint attention therapy for children with autism:
10	Arezoo Shomali Oskoei	The Effect of Cognitive Remediation on the Set-Shifting Attention Ability of Adult Individuals with Mild Cognitive Impairment
10	Peymaneh Bahrami	The effectiveness of group cognitive remediation therapy, as one of the psychotherapeutic methods is to reduce positive and negative symptoms in schizophrenic patient

Time 120

Friday, 8:30-10:30, Hall 6

Biomarkers in diseases and disorders of the nervous system

Presidium: Zahmatkesh, Torkaman, Torabi-Namo, Shafiei, Ahadi

20	Maryam Zahmatkesh	Microparticles; biomarker in Alzheimer's disease
20	Anahita Torkaman Bootorabi	Biomarkers in Parkinson's disease
20	Mohammad Torabi Nami	Potential biomarkers in neuropsychopathology of bipolar disorders; where does homocysteine fit on the list?
20	Mahdi Shafiei Sabet	Biomarkers of inflammatory and auto-immune central nervous system disorders
20	Reza Ahadi	The Epidemiology of Traumatic Brain Injury in Tehran
20	panel	

Friday, 8:30-12:30, Hall 7

Workshop

Neurogame

Time 90	Friday, 11:00-12:30, Hall 1	
	Multiple Sclerosis and myelin repair	
	Presidium: Motamed, Javan, Aalaei, Pourabdolhossein, Asadi, Sahraie	
15	Motamed	Role of environmental factors in MS
15	Aalaei	Symptoms and treatments in MS
15	S. Goudarzi	Gas6 stimulates oligodendrogenesis and reduces myelin loss in a lysolecithin-induced demyelination model
15	Mohajeri	Nano-Curcumin Effect on CNS Myelin and the Inflammation Process in Experimental Autoimmune Encephalomyelitis
10	Yazdi	Enhanced remyelination following lysolecithin induced demyelination in mice under treatment with fingolimod
10	Farzad Kahrizi	Toxicity of repeated administration of mercuric sulfide on mouse brain mitochondria in experimental model of multiple sclerosis
10	Mohammad Taheri	HLA genes as modifiers of response to IFN- β -1a therapy in relapsing-remitting multiple sclerosis

Time 90	Friday, 11:00-12:30, Hall 2	
	Cognitive impairment in neuropsychiatric diseases	
	Presidium: Najjarzadegan, Mirfazeli, Almasi, Gholipour, Tajik	
15	Najjarzadegan	Time processing in the brain
15	Mirfazeli	Violent crime in autism, fact or fiction
15	Almasi	Neuropsychological Assessment
15	Gholipour	Methamphetamine and striatum
15	Tajik	Negative symptoms of schizophrenia and cognitive decline
15	Panel Discussion	-

Time 90	Friday, 11:00-12:30, Hall 3	
	Neuromuscular diseases	
	Presidium: Nafisi, Fathi, Moghaddasi, Haghi, Darvishi	
15	Davoud Fathi	Motor Unit Number Index: new neurophysiological index for motor neuron loss in ALS
15	Moghaddasi	ALS review
15	Haghi	Summary of motor neuron disease pathophysiology
15	M. Darvishi	Imaging motor neuron like cell derived adipose drive stem cell (ADSCs) stimulation in vitro: voltage-sensitive dyes (RH 795)
10	Somaie Mohammadi abisofla	Study the effect of Alpha-Lipoic Acid on neuronal degeneration due to sciatic nerve transaction in rat
10	Seyyedeh zahra Mousavi	Phylogenic Study of PMP22 the peripheral nervous system protein in Mammalian
10	Somaie Mohammadi abisofla	The relation of oxidative stress and Wallerian degeneration in rat transacted sciatic nerve

Friday, 11:00-12:30, Hall 4		
Neural imaging and mapping		
Presidium: Shams, Khadem, Darki, Mahmoudian		
Time 90		
15	S. M. Shams	Resting-state fMRI: methods and clinical applications
15	A. Khadem	Long range reduced predictive information transfer of autistic youths in EEG sensor-space during face processing
15	F Darki	Imaging Genetics
15	S. Mahmoudian	Tinnitus Residual Inhibition By Means of Electrical Stimulations: An Objective Evaluation through Topographic Brain Mapping of Mismatch Negativity Auditory Responses
10	A.R. Shahbabaee	Functional neuroimaging for addiction medicine: From mechanisms to practical considerations
10	Mehrnaz Mohebbi	Auditory middle latency responses differ in right- and left-handed subjects: An evaluation through topographic brain mapping
10	Nima Noury	Obstacles of simultaneous transcranial current stimulation and electrophysiological recording

Time 90	Friday, 11:00-12:30, Hall 5	
	Short presentation: PD and movement disorders	
	Presidium: Nahavandi, Saebipour, Haghi, Fathi, Haghdoost Yazdi	
8	Mohammad Reza Saebipour	DBS for sleep improvement in neurological disorders
8	Saba Manoochehrabadi	Vitamin D Receptor Gene Variant and Suseptibility to Parkinson Disease
8	Abdolnasser Rostami	N-acetylaspartate metabolite changes associated with cognitive impairment in Parkinson's disease
8	Amirhosein Ghaderi	Reduction of QEEG abnormality related to Parkinson disease using transcranial direct current stimulation: a single case study
8	Maryam Mehdizadeh	Freezing of gait questionnaire: Validity and Reliability in patients with Parkinson's disease in «on» and «off» drug phases.
8	Masoud Alirezai	Betaine antioxidant effects in treatment of Parkinson's disease
8	Omid Reza Tamtaji	Effect of alcoholic extract of onion (Allium cepa) on learning and memory in animal model of Parkinson's disease: a behavioral, biochemical and histological study

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8	Kobra Shabani	protective effects of vitamin E consumption on ultrastructural changes of cells and nerve fibers of substantia nigra that caused by electromagnetic field exposure in rats
8	Ehsan Dadgostar	Evaluating serum level of IL-33 and IL-37 in patient with Multiple Sclerosis
8	Ehsan Sinaie	The effect of Encephabol on learning in children with cerebral palsy

Friday, 11:00-12:00, Hall 6

Cognitive Science and Technologies Council Report Meeting

Friday, 12:30-13:15, Hall 1

Closing Ceremony

Awards Distribution


Friday, 13:15-14:30, Hall 1

Brain and Art

(SADRA Student Group)

Poster Presentations
Time & Date

4th

Basic and Clinical
NEUR  **SCIENCE**
Congress 2015

December 23-25, 2015

Razi Hall, Tehran, Iran

Poster Presentations Time & Date

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Code	Title	Author
25612	The role of GABAA receptor in the shell–accumbens in the spatial memory of Methamphetamine-treated Rats	Somayeh Heysieattalab
26731	Brain CB1 receptor blockade during extinction period increased the firing rate of nucleus accumbens neurons in reinstatement phase in CPP paradigm	Hossein Khaleghzadeh Ahangar
26756	Blockade of the orexin-1 receptors within the nucleus accumbens causes faster extinction in morphine-induced conditioned place preference	Parastoo Namvar
27761	Prediction Mobile Phone Addiction on the Bases of Addictive Behaviors Seers: Mindfulness, Cognitive Emotion Regulation and Alexithymia	Masoumeh Sajjadi
27893	Reduce Morphine Withdrawal Signs Following Administration of Dendrosomal Nanocurcumin in Rats	Jalaledin Noroozi
23600	Protective effects of noscapine on primary murine fetal cortical neurons injured by oxygen–glucose deprivation and recovery at three time schedules (30, 60, and 240 min)	Gelareh Vahabzadeh
26669	Can abdominal aortic clamp cause paraplegia in rats?	Shadi Salehi
27755	The effects of soy extract on spatial learning and memory damage induced by global ischemia in ovariectomised rats.	Farzaneh Vafaei

Poster Presentations Time & Date



Wednesday

23 December, 2015 / 9:30 - 15:30

4th Basic and Clinical
NEUROSCIENCE
Congress 2015

27831	Protective effects of atorvastatin on brain infarction and neuronal damage during cerebral ischemia-reperfusion in rat	Zahra Jahanbakhsh
27846	General hypothermia (32°C) extends therapeutic time windows of t-PA therapy to 6 hour after the embolic stroke	Mohammadreza Zarisfi
27850	Repair of Spinal Cord Injury (SCI) using Platelet Rich Plasma (PRP) and mesenchymal stem cell in a Rat SCI Model	Reza Salarinia
26668	Moment of Inertia as a Feature to Study High Frequency Bands in Brain Signals	Hossein Akbari Lalimi
27766	Assessment of brain anatomic substructures with Quantitative Susceptibility Mapping (QSM) using by MRI	Hadis Alvankar Golpayegan
27900	Neurofeedback treatment effects on the theta oscillatory activity of ADHD patients	Hossein Abbasi
26701	The Relationship between Growth Hormone and Received Dose to Hypothalamus-Pituitary Axis in Non-Pituitary Brain Tumors	Jalal Ordoni
26661	Promotion of human endometrial derived stem cells differentiation into neural cells in the presence of Oleic acid	Maryam Ali mohammadie kojour
27832	The effect of progesterone on differentiation of human endometrial stem cells into neural cells	Mohammadhossein Karbalayi ebrahim

Poster Presentations Time & Date

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26674	One week intraperitoneal injection of aminoguanidine improves passive avoidance learning in diabetic rats	Bayan Amini
26678	Normative feedback effects on the learning of a throwing task in children with spastic hemiplegic cerebral Palsy	Mohammad hossein Zamani
26704	Is there association between mental rotation ability and cognitive function in multiple sclerosis patients?	Mahdieh Azin
27809	Comparing Executive Cognitive functions of brain in two Groups of children with ADHD and ADHD comorbide anxiety	Sareh Falatoni
27817	Erythropoietin improves the cognitive dysfunction induced by renal ischemia in male rats	Mahshid Tahamtan
27888	Electrophysiological evidence of modulation of time perception by repetition suppression	Hoda Jalalkamali
27907	TIME PERCEPTION AND SPORT	Maryam Moghadam Salimi
27924	The efficacy of Group mindfulness-based cognitive therapy with reduction of material craving in Individual with substance abuse disorder	Morteza Zakeri
27927	The effects of developmental treatment with ethosuximide on cognitive performance in adult rats	Zeinab Jan

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26639	High frequency neurons determine the effective connectivity in neuronal networks	Aref Pariz
27822	Modeling different Parts of the Brain and neural system to imitatively learn and Control Locomotion in Humanoid robots	Hamed Shahbazi
27852	A minimal model for excitability in neurons	Azadeh Ghajarjazy
27854	A Bifurcation analysis method for transition between type-I and type- II behavior in neurons	Azin Arasteh
27881	Investigating the relation between frequency bands and object categorization levels	Matin Najar Ashtiani
27902	Tunning of synchrony by inhomogeneity	Ehsan Bolhasnai
25616	The role of hydro-alcoholic extract of Apium graveolens seed on the seizure induced by PTZ kindling in mice	Seyed Mehdi Beheshti Nasr
26728	Study of the effects of Humulus lupulus plant on the seizures induced by different doses of pentylentetranzol in male mice	Soheila Nasirifard
27776	Effects of Pinus Edarica extract on oxidative damage in pentylenetetrazole-induced seizures in rats	Fereshteh Asgharzadeh
27777	Effect of Rosa Damascena extracts on pentylenetetrazole-induced seizures in mice	Rahimeh Bargi

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27856	The comparison between item and source memory among temporal lobe epilepsy patients and non-patients	Pooneh Kermansaravi
27918	Determination of anti-seizure, hypnotic and memory loss effects of 4-chloro-N-(4-oxo-2-phenyl-thiazolidin-3-yl)-2-phenoxy-benzamide, novel benzodiazepine-like ligand	Reza Jahani
26673	GJB2 gene mutations and linkage analysis of DFNB2, DFNB4 and DFNB7/11 loci involved in Autosomal Recessive Non-Syndromic Hearing Loss	Najmeh Ahangari
26681	Correlation between the tinnitus disturbance, age of onset and its duration in normal hearing patients	Fereshteh Bahrani
26682	Relationship between subjective tinnitus loudness and its annoyance	Fereshteh Bahrani
27859	Comparison of auditory reaction time in different frequencies in normal hearing adults	Nastaran Ranjbar
27867	The correlation between Tinnitus Handicap Inventory (THI) and Health Related Quality of Life (HRQoL)	Nafiseh Ghiamatyooun
27868	Correlation between the annoyance of tinnitus and anxiety and depression disorders in normal hearing patients	Nafiseh Ghiamatyooun
24602	Effects of GMI ganglioside on the recovery of spatial learning and memory in Alzheimer's model rats	Sedigheh Ashkavandi

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24604	Investigation the effect of different doses of GM1 on the firing activity of CA1 pyramidal neurons using the single unit recording in the Alzheimer's model rats	Sedigheh Ashkavandi
25605	Suggesting a possible role of the CA1 GABAA receptors in harmene-induced amnesia	Parastoo Mortezaazadeh
25626	The Role of protein phosphatase 1 in the spatial learning and memory improvement induced by salicylate in rats	Leila Azimi
25632	attention bias and executive function in Alzheimer's disease	Farshad Ahmadi
26634	Attenuating effect of aqueous extract of <i>Lavandula angustifolia</i> on Alzheimeric rat's spatial learning	Marziyeh Tavassoli
26655	The Effect of Empathy of restrained Stress and Swimming Exercise on Learning and Spatial Memory in Rats	Mina Ghorbani
26662	Effects of <i>Althaea officinalis</i> extract on learning and memory impairment in male wistar rats	Mitra Hatami
26711	EFFECT of GINSENG on ALZHEIMER'S AND OTHER COGNITIVE DISEASES	Hengameh Dortaj
26712	The Effects of Hydro-alcoholic Extract of <i>Ocimum basilicum</i> leaves on Depression Like Behavior in Ovalbumin Sensitized Rats	Nazanin Entezari

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26733	Involvement of the CA1 GABA _B antagonist receptors on ketamine-induced spatial and non-spatial novelty detection deficits	Arash Khanegheini
26759	Effects of alcohol aqueous extract from <i>Bryonia dioica</i> L. roots on learning and memory	Saeed Mohamnadi
27769	Therapeutic effect of <i>Melissa officinalis</i> in a rat model of Alzheimer's disease	Bahareh Shahmoradi
27824	<i>Cyperus Rotundus</i> extract can alter the Amyloid β - peptide -induced memory impairment in male rats	Fahimeh Ghasemi moravej
27827	Constant galvanic vestibular stimulation enhances short-term spatial memory	Fatemeh Sadat Ghaheri
27838	Prophylactic effect of all-trans retinoic acid in a rat model of Alzheimer's disease	Azam Soleimani pour
27919	Examination of the RbAp48 gene expression in B65 cell line treated with Boswellic acid	Kobra Ahmadi Sani
27928	The effects of pea sprout extract on learning and memory in rats	FATEMEH NILI AHMAD ABADI
25617	The Association of -475 and -631 Interleukin-2 Gene Polymorphism with Multiple Sclerosis in Iranian Patients	Anoushe Zhand

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25618	The Association of -330 Interleukin-2 Gene Polymorphism with Its Plasma Concentration in Iranian Multiple Sclerosis Patients	Mehdi Toghi
25633	The role of spirituality and resilience in perceived stress in patients with multiple sclerosis	Jahangir Jahangiri
26679	The role of cognitive emotion regulation strategies in anticipation of mental health patients with multiple sclerosis	Jahangir Jahangiri
26718	Effect of cognitive-motor training on balance performance in adults with multiple sclerosis	Saeideh Monjezi
26751	Frequency of Viral Infections and Environmental Factors in Multiple Sclerosis	Zahra Akbari
27784	HOTAIR Long Non-Coding RNA Gene Expression Affected by Vitamin D3 in Multiple Sclerosis Patients: A Pilot Clinical Trial Study	Majid Pahlevan Kakhki
27797	Multiple sclerosis and immunological-related risk factors: results from a case-control study	Shaghayegh Sarrafzadeh
27798	Evaluation of the expression level of two membrane and soluble variants of IL7R gene expression in Multiple Sclerosis patients	Parinaz Bina
27864	Application of Texture Analysis in Diagnosis of Multiple Sclerosis by Magnetic Resonance Imaging	Ali Abbasian Ardakani

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27897	The potential role of epigenetic modifications in the immune responses in multiple sclerosis	Reyhaneh Dehghanzad
27913	Effects of Hemp seed oil as an herbal remedy on severity and clinical parameters of disease in Experimental Autoimmune Encephalomyelitis	Mohamad reza Shiri shahsavar
27873	The effectiveness of computer-assisted cognitive rehabilitation on executive functions in students with Dyscalculia	Fatemeh Bazzaz monsef
26709	The effect of testosterone on nicotine-induced anxiety behavior in adult mice using the elevated plus maze.	Amin Safikhani
27914	Postnatal whisker trimming reduces seizure threshold and induces behavioral disorders in adult rats	Hamid Taghipour Bibalan
26715	Curcumin Improves Axonal Growth of Neurons in Vivo after Spinal Cord Injury	Parastoo Barati dowom
26723	Production of neurosphere from adipose derived stem cells (ADSC) using Curcumin, a promising protocol for multiple treatment modalities	Alireza Moradi
26724	Evaluation of neural differentiation in the Bone Marrow Stromal Cells by Curcumin induction	Azam Babakhani
26729	Neural Induction of Bone Marrow Stem Cells with Botanicals Inducer (Ginger)	Mohammad Jabbarian

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27765	Regulation of nervous system development related genes during direct reprogramming of human fibroblasts into induced neurons	Shima Rastegar-pouyani
27801	Epidermal growth factor induce neurogenesis and astrogenesis from adult neural stem cells	Shahram Darabi
27848	Evaluation of biochemical properties and expression of apoptosis associated proteins in human embryonic stem cell during differentiation to the neuroepithelial cells	Somayeh Karimzadeh
27874	Comparisons of gene regulatory networks during generation of neurons from human induced pluripotent stem cells and fibroblasts	Niusha Khazaei
25603	Dominant and Protective Role of the CYTH4 Primate-Specific GTTT-Repeat Longer Alleles Against Neurodegeneration.	Mohammad Taheri
26710	histological and stereological changes on cerebellum in rat offspring treated with acrylamide and vitamin c	Hengameh Dortaj
27813	Genotypes of JC virus in renal transplant recipients in Isfahan, Iran	Sayyedah Rahmaneh Atyabi
27905	Serum analysis and locomotor activity assessment in a rat model with hepatic encephalopathy	Soma Tahmasebi
27909	Evaluation of rearing behavior and serum analysis in a rat model with hepatic encephalopathy	Saeed Faridi

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26652	Vitamin D Receptor Gene rs4334089 polymorphism is Associated with Parkinson's disease in Iranian Subjects	Atena Fazeli
26741	Serum Vitamin D status in patients affected by Alzheimer	Mahshid Mohammadian
27799	Effect of chronic intra-peritoneal aminoguanidin on passive avoidance memory in streptozotocin induced diabetic rats.	Fatemeh Adineh
27866	Investigation of antioxidant effect extract of citrus aurantium on 6-OHDA induce cell damage in SH-SY5Y cells	Leila Elyasi
27891	The role of miR-204 in the development of Parkinson's disease based on Bioinformatic studies	Maryam Talepoor Ardakani
26654	Association analysis of a functional polymorphism in the promoter of GABRB3 as a candidate gene for AUTISM in Iranian patients.	Rezvan Noroozi
23593	Frequency of spinocerebellar ataxia types 1, 2, 3, 6 and 7 in northwestern Iran	Mohammadrza Ranjouri
23594	Molecular analysis and prevalence of Huntington's disease in northwestern Iran	Parisa Aob
26750	Bioinformatic analysis of gene expression profiles of high and low-grade glioma samples by microarray data set	Hamed Dabiri

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27903	Determination of mutations in exons No. 16 and 17 of the PLA2G6 gene, in patients suspected of PLAN disease	Roozbeh Heidarzadeh
27904	Analysis of six susceptibility polymorphism for Parkinsons disease in Iranian polpulation	Tannaz Safaralizadeh
27923	Assessment and comparison of storytelling skill in exploitation of MLU and relevant elements in of children with cochlear implant, mental retardation and normal children 4 to 5 years old	Sajad Haghshenas
26641	Microinjected of sulpiride into hypothalamic paraventricular nucleus decreased food intake in 24 hours food-deprived rats	Morteza Salimi
26646	Effect of testosterone on the amount of AKT and ERK in sciatic nerve of gonadectomized diabetic male rats.	Sona Barkabi zanjani
26694	Copper sulfate alter the rat cerebellar structure and induces motor impairment and anxiety	Masoomah Mohamadpour
26696	Benzene changes the rotarod performance test and cerebellar structure and induces anxiety in rats	Saeedeh Yahyavi
27785	Existential intelligence implications for cyber disorders arise from virtual communication in social networks	Omid Gheysar Gharamaleki

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27753	Histomorphometric evaluation of chitosan/poly ethylen oxide scaffold and human mesenchymal stem cells from Wharton's jelly effects on the repair of transected sciatic nerve in wistar rat	Mehrnaz Moattari
27890	The effect of antioxidants in recovery of PNS damage	Diana Rabooki
27843	The effect of computer games on improving Critical Thinking student's	Mina Esmaili
27847	The effect of computer games on improving Problem Solving and social skills student's	Mina Esmaili
26722	4-Methyl Imidazole and Acrylamide coexistence in food materials	Mina Ghafari
27912	Protective Effects of Chronic Oral Administration of Stevia Extract on Acetaminophen-Induced Neurotoxicity in Mice	Maryam Setorgi
26676	The effect of hydroalcoholic extract of Ferula asafoetida in lead exposure on pyramidal neurons in CA1 region of rat hippocampal	Mahsa Kamali
26688	Effects of simulated weightlessness on glutamate content of serum, hippocampus and prefrontal cortex of male rats	Seyed Asaad Karimi
26700	Implementation of neurobiological model in MATLAB/Simulink in order to study the neural structure of the cerebellum	Adeleh SHAYANRAD
27759	The effect of negative fear on Cognitive changes in high stress volunteer	Maryam Salehi

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27823	The Path Complexity Effect on the Accuracy of Human Prediction	Firoozeh Naderkamfiroozi
27840	The effect of negative fear on antioxidant system activity in high stress volunteers	Zeinab Akhtari
27858	The role of the cholinergic system of the ventral tegmental on the cardiovascular response in anesthetized rats	Nima Heidari Oranjaghi
27877	Neurofeedback Effect on Perceptual-Motor Skills of Children with ADHD	Mehdi Jahani
24603	The analgesic effect of extract Teucrium polium on pain in mice in Acid acetic model	Elahe Fereidouni
25621	Study on the interaction between i.c.v administration of celecoxib and capsazepin in formalin-induced pain model in rat	Parisa Karimi dehkordi
26698	Role of synovial interleukin- 6 (IL- 6) in adjuvant- induced knee edema and its relation with nuclear factor kappa- B (NF-κB) in male rats	Sahar Golabi
26705	Investigating the effect of administration of Mesenchymal stem cells conditioned medium on hyperalgesia and edema variations during different stages of adjuvant-induced inflammation	Vida Nazemian
26757	The Antinociceptive and acute toxicity Effects of Hydro-alcoholic Extract of Bryonia dioica in Male Rats	Saeed Mohammadi

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27778	Investigating the role of glia in LTP induction of spinal WDR neurons after L5 spinal nerve transection in male wistar rats.	Laleh Rezaee nazifi
27808	Evaluation the role of intracerebral ventricle microinjection of orexin A receptor antagonism in acute food deprivation on nociceptive behavior induced by hot plate in male rats	Elmira Ghasemi Dashkasan
27865	The effect of naloxone administration on CuCl ₂ treatment effect on the chemical pain induced by formalin in male Wistar rat	Haniye Nikbakhty
27887	INTERACTION ADMINISTRATION AQUEOUS - ALCOHOLIC EXTRACT GINSENG OF AND AGONIST AND ANTAGONIST OF D2 RECEPTOR OF DOPAMINE ON PAIN SENSITIVITY IN RAT	Somaye Alami
27802	Natural polyphenol resveratrol pretreatment increases FOXO3a, PARKIN and PINK1 expression in Parkinson's disease	Shahram Darabi
27862	Direct Conversion of Human Bone-Marrow MSCs into the Neural Cells by Using Small Molecules and SOX2 Overexpression	Farzaneh Ehtemam
27898	The role of miR-30 in Parkinson's disease based on bioinformatic methods	Mahsa Rostamian delavar
27886	Effects of Locus Coeruleus Stimulation on Sensory Processing in Rat Barrel Cortex	Zeinab Fazlali

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25620	Anxiety-like behaviors in different duration of stress in male rats	Hoda Ranjbar
26637	The effectiveness of mindfulness-based cognitive therapy group on reducing dysfunctional beliefs	Banafshe Farzin rad
27794	Extract of Glycyrrhiza glabra attenuates hormonal signs of post traumatic stress disorder (PTSD) induced by electric shock in rat	Sahel Khazaei
27869	Effects of aromatase inhibitor (letrozole) on anxiety and depression in adult male rats	Sahar Charghan
27876	The time profile of hippocampal connexin 45 gene expression during memory consolidation	Reyhaneh Zeinali

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27993	Drug craving and attention bias are two sides of a coin	Hamid Alipour
28015	Role of intra-accumbal orexin receptors in the expression of morphine-induced conditioned place preference in rats	FarzanehSadat Naghvi
28068	Oprm1 gene methylation in morphine addicted rats	Maedeh Mohammadalizadeh
28087	The effect of Intracerebroventricular microinjection of H1 and H2 histamine receptor antagonist on morphine induced akinesia in rats	Farzin Azarpey
28126	Evaluation of of executive functions in heroin dependent patients	Mohammad Reza Najarzadegan
29204	Identifying genetic variations associated with temptation and relapse of methamphetamine dependence in North East of Iran: a hypothesis	Ala Montazeri
29196	mindfulness training in the context of attention network	Saeid Ghasemian
29200	Compare selective attention among elderly people with and without mental and physical activity	Sahar Miraveisy
27933	Effect of safranal on serum/glucose deprivation-induced PC12 cells injury	Vafa Baradaran Rahimi
27942	Protective effect of persimmon against glucose-oxygen-serum deprivation (GOSD)-induced PC12 cells injury	Vahid reza Askari

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27967	The prevalence of dementia after stroke and its relationship with lesion location	Mohammad javad Karimi
27985	the relation between hypertension and disability following stroke in the Mashhad Stroke Incidence Study: a population-based study of stroke in Iran	Reza Rahimzadeh
29202	The Effect of Trichostatin A on Sptatiol Memory and Serum Levels Bcl2 In a Rat Model of Hypoxic Ischemia	Zahra Kahvandi
29228	The effect of pre-nutrition of Ziziphus Vulgaris fruit extract on brain edema in the stroke rat model.	Zahra Jozashoori
29229	The effect of hydro alcoholic extracts of Rosa damascena on the permeability of the blood-brain barrier in rats model of stroke	Maryam Esmkhani
29230	The effect of pre-nutrition of Achillea millefolium hydroalcoholic extract on permeability of blood-brain barrier in the stroke rat model.	Shabnam Faghfoori
29236	The effect of pre-nutrition of Achillea millefolium hydroalcoholic extract on brain edema in the stroke rat model.	Shabnam Faghfoori
29259	Protective effect of pre-feeding hydro-alcoholic extract of Valeriana officinalis on blood-brain barrier permeability and brain edema in rat stroke model	Parnian Gilak

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29266	Assessment of erythropoietin pretreatment effect on tolerance to brain ischemia by middle cerebral artery occlusion in rat	Raheleh Gholamzadeh
27829	compare biological and personality traits (brain- behavioral systems) in two groups, one suffering from cancer and the other cancer free	Mahdi Sabzaligol
23602	a review of risk factors for acute stroke and dysphagia	Salman Varmaghani
27947	Cognitive Functional Connectivity Analysis of Early MS Patients Using Graph Theory	Seyedeh Naghmeh Miri Ashtiani
28045	Localizing brain evoked potentials in beamspace	Alireza Talesh jafadideh
28002	Improvement of In-vivo Detection of Brain Abnormalities Using Nonlinear Constitutive Model	Maryam Mehdizadeh Dastjerdi
28111	Predicting involvement of miR-218-5p in regulating OLIG2 transcription factor in differentiation of brain tumor neurospheres	Mohammad Reza Omrani
23590	Using Genetic Algorithm in Neurological Functions for Optimization of Neural Cell Therapy	Seyed Farzad Modarresi zadeh
27950	Effectiveness of Cognitive rehabilitation in memory of children with learning disability	Vida Yousefi asl

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27992	Brain Lateralization and Paranormal beliefs: Performance in Cognitive Task and Brain Frequency Rhythms	Abdolvahed Narmashiri
28040	Neurocognitive Profile of Children with Attention Deficit Hyperactivity Disorders (ADHD): A comparison between subtypes	Nastaran Ahmadi
28075	Different strategies in male rhesus monkeys in the face of stress caused by electric shock	Elaheh Tekieh
29134	Processing of Perceptual information and Cognitive biases in Paranormal belief	Abdolvahed Narmashiri
29144	The comparison of programming and organizing between people in shift works and in daily works	Neda Fazaeli javan
29182	The effects of sleep deprivation on verbal fluency	Mohammad Rezaei
29192	Effects of doxepin on BDNF, TNF- α , MAPK14 and AKT1 genes expression in rat hippocampus	Nastaran Eidelkhani
29220	Identification of Sensory and Motor Components of Change in Hand's Position Perception after Visuomotor Adaptation	Zahra Nikkhah
29221	Assessment of executive functions in methamphetamine-addicted individuals: Emphasis on duration of addiction and abstinence	Majid Farhadian

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27764	Basic elements of music and experimental models: A cognitive study	Milad Karimi
27968	Neural Basis and Rehabilitative Use of Music	Mahsa Ahadian
27929	Iranian number representation	Ali Jahan
26656	Recent Advances Investigating Neural basis of Vocalizations and Speech Perception: An Overview	Seyyed Hassan Hosseini
27965	Attention based Decision Model	Sara Kamali
27969	Brain Tissue Segmentation Using Morphological Active Contour Based on Combination of Global and Local Intensity Information	Mahshid Fooladivanda
28047	Simulating two hybrid models using genetic algorithm and Neuro-Fuzzy Network to predict Beck's inventory score of a depressed patient based on the quantified components of the brain encephalography	Babak Mohammadzadeh
28103	Designing an efficient algorithm to classify EEG motor imagery based Brain Computer Interface (BCI) using Evolutionary Genetic Algorithm and Fuzzy-Support Vector Machine Classifier	Maryam Azizi
29269	Eye-controlled wheelchair using an EEG headset for ALS patient	Mohammad Fiuzy
27960	Graph theory: a method for reduction in number of required electrodes in EEG recordings	Atiye Pournbakhtiar

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28106	Computational Modeling of the Alzheimer's Disease	Saiyede Sara Aghvami
27938	Anticonvulsant effect of new derivatives, 5-Ethoxy-3-(2-phenoxy benzyl)-1,2,4-triazole as probable ligand of BZDs receptor in the IV pentylen tetrazole-induced clonic seizure in male mice	Dina sadat Motaharian
27954	Evaluation of anticonvulsant effect of semicasrbazone derivatives in PTZ in mice	Yasaman Yeganeh
29151	Effect of sertraline on pentylenetetrazole-induced clonic seizures in mice: role of nitrergic system	Shima Davoodi
29201	A Computational Efficient Epileptic Seizure Prediction Approach Based on Preictal Feature Extraction	Hoda Sadeghzadeh bahnamiri
29225	The role of dopamine D2-like receptors in the inhibitory effects of low frequency electrical stimulation on perforant path kindling in rat	Mahmoud Rezaei
29240	The effect of acute administration of caffeine on pentylenetetrazole-induced seizure threshold in mice: role of nitrergic system	Zahra Ghafari
29267	Investigating time delay and phase velocity in EEG signals of epileptic patients using time-frequency analysis	Masoud Kargar
27944	The impact of active learning of Arabic on the eighth high school students learning Farzanegan8 Tehran	Fatemeh Saemi

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27959	Beneficial Effects of Teucrium polium and Metformin on Diabetes-Induced Memory Impairments and Brain Tissue Oxidative Damage in Rats	Seyed mojtaba Mousavi
27974	The effects of faba bean catecholamines on learning and memory in rats	Samira Gholipour
27984	The effectiveness of hypnotherapy on prospective and retrospective memory function improvement in patients with post-traumatic stress disorder in the city of Yasouj	Sadegh Haghghi
28128	Repeated administration of low dose alcohol affecting dependency in Rats	Samira Geravand
29156	NMDA receptors mediate the effect of bombesin on memory consolidation of inhibitory avoidance in female pups rat	Nasroallah Moradi kor
29161	Effect of Boswellia serrata aqueous extract on Alzheimer's disease	Samira Amiri
29173	Voluntary exercise and prenatal exposure to valproate sodium: effect on learning and memory of rat offspring	Parisa Farzad
29179	Investigation of Thymol effects on A β inhibition of long-term potentiation in rats receiving a high-fat diet	Masoumeh Asadbegi
29185	Examination of Erk2 gene expression in hippocampus of male adult rats treated with aqueous extract of Boswellia	Karim Akbari
29197	A possible role of the NAc GABAA receptors in D-AP5-induced amnesia	Elaheh Ostadi

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29198	Study of co-administration effects of ethanol and lead acetate on spatial memory in rats	Elham Soleimani
29249	An interaction between glucocorticoids and β -Adrenergic receptors in retrieval and extinction of fear memory	Hossein Rajabzadeh manzari
27849	Crocine improve learning and memory by its effects on NMDA receptor	Mohammadmehdi Hadipour
27936	Association between the employment of patients with multiple sclerosis in Qazvin Province with Glutamate receptor-3 polymorphism	Magnolia Karimi
27939	Conversion of astrocytes to oligodendrocyte-like cells using a specific transcription factor, a strategy to enhance myelin repair	Akram Mokhtarzadeh Khanghahi
27987	The relationship between parasite infection and autoimmune disease: focus on multiple sclerosis	Newsha Sayahi
27989	Association of Nematode infections with the severity of multiple sclerosis	Nafiseh Keyhani boroujeni
28011	Determining of genotype and allele frequency of rs1494555 in the ILR7 gene from MS affected Women in Khuzestan	Shekoufeh Hafezi
28013	NGS based detection of the CDCP2 gene mutation in MS affected twin	Mehri Zahedi
28044	A genetic variant in FOXP3 gene is strongly associated with increased risk of relapsing-remitting multiple sclerosis	Shaghayegh Sarrafzadeh

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29150	Designing an Intein as a Self-cleaving Tag for Interferon Purification	Fahimeh Golestaneh
29219	Administration of Sox2 expressing viral particles in animal model of demyelination changes the role of transduced astrocytes into oligodendrocyte progenitor cells.	Sahar Farhangi
27962	Comparison of therapeutic effects of surgery and steroid injection in Neurological rehabilitation and improvement of carpal tunnel syndrome	Sayed alireza Mirsane
27781	The effectiveness of neurofeedback therapy to improve cognitive function in Attention Deficit Hyperactivity Disorder (ADHD): A literature review	Fatemeh bazzaz monsef
29252	Protective effect of quercetin on anxiety-like behaviors induced by streptozotocin	Sepideh Rostamian
25615	Evaluation of toxicity of 4-Methylimidazole on brain: using y-maze behavioral test	Freshteh Mehri
29207	The role of OXTR variants in Social stress and social support	Shima Razian
29256	Neurobiological Mechanisms of Mindfulness-Based Relapse Prevention (MBRP)	Mohammad Niroumand
28112	Transcription factors and miRNAs integrated regulatory network during differentiation of glioblastoma cells	Mohammad Reza Omrani

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27999	Design and Manufacturing Plantar Flexor and Dorsi Flexor Muscles Enhancer Device	Solmaz Nazari
28014	Neural Tissue Engineering for Neuroregeneration Interface Microsystems In vivo	Saeid Mahmoudi
27934	The effects of betamethasone injection on memory in neonatal rats	Sepideh Yazdanjoo
27970	Inhibition of LPS-induced interleukin-6 synthesis in primary rat microglial cells	Motahare Rezvan
28107	The effect of curcumin on diabetic neuropathy	Zahra Ranjkesh
28108	The effect of Coumaric acid on diabetic neuropathy	Zahra Ranjkesh
27956	Assessment of MR and CT avail in diagnosis of Subdural and Epidural Empyemas	Sayed alireza Mirsane
26725	Alzheimer disease and type 2 diabetes	Attabak Toofani milani
26753	Study of Social Interactions in Autism Model Rats Induced by Valproic Acid in the Perinatal Period	Elaheh Rezaei
28043	Influence Of X and Y Chromosomes On Brain Development	Hajar Nematollahi
28076	The effect of basolateral amygdaloid nuclei (BLA) NMDA receptors blockade by memantin on inflammation induced by formalin in male wistar rat	Mohammad Reza Mostajabi Dastjerdi

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27940	The effects of betamethasone injection on anxiety in neonatal rats .	Noushinzahra Ahmadzadehfar
28060	Prescribing pattern of Psychotropic Drugs in patients with major depression in Zare hospital; an educational university- affiliated hospital in north of Iran, Sari	Amin Modiri
27945	Abuse and dependence potential for the non-benzodiazepine hypnotics zolpidem and zopiclone	Fahimeh Bahmani
28133	The comparison of neuropsychological index related to executive functions in antisocial personality disorder, obsessive-compulsive personality disorder and normal people	Ensieh Antikchi
29133	Somatic Type Delusional Disorder as a Delusional Pregnancy in a Young Man	Mehrdad Roozbeh
27997	Effects of sodium fluoride on anxiety related behavior in male rats	Amin Molaei
28017	Chronic administration of crocin induces anxiety like behavior in rats	Farideh Baghishani
29199	Melatonin prevents oxidative damage induced by ethanol in the cerebellum of rats	Farzaneh Bagheri
27964	Knowledge and how to deal with families of children with cerebral palsy in the city of Jahrom 2009-2015	Saeedeh Yahyavi

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28023	Comparison Cognitive Structure of Children's Persian TV Channels (Pooya and PersianToon): Attention, Memory, Perception, Creativity, Problem-Solving, Language and Impulsive actions (A Content Analysis)	Fatemeh Shetabivash
28025	A New Way of Human Behavior Regulation: Neurolaw Achievements	Arian Petoft
28105	Salvia Officinalis extract decreases progress of Alzheimer's disease by preventing protein glycation	Hajar Torki
28132	The Effects of Graphene Oxide Nanoparticle on Differentiation of Human Mesenchymal Stem Cells to Neuron	Seddigheh Babaeifarajabad
29155	EQ-short and SQ-short in Farsi Factor structure and psychometric properties	Masih Shafiei
29212	How Processing Style Might Affect Emotion Perception	Azra Jahanitabesh
29264	Effect of Behavior and Cognitive Therapy in 162 Women Suffering from Vaginismus Visiting to Family Health Clinic of Shahed University	Soroush Mazloomi koohbanani
26747	Comparison of Distress Tolerance and Difficulties in Emotion Regulation in tension-type headache patients and normal subjects	Azadeh Havaei
27892	Negative feedback of Hypothalamus-Pituitary-Thyroid axis and Thyroid hormone transporters functions	Neda Yazdanfar

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28018	Relationship between mental illness and brain hemispheric laterality	Habib Valipour
28029	Mitochondrial dysfunction and complications associated with diabetes	Solmaz Shahidi
29183	The evaluation of the Nitricergic system of Pedunculo pontine tegmentum on the Heart rate responses in the rats.	Tahereh Nikyar
29254	neuroaesthetics: neurobiological correlates of aesthetic and art	Mohammad Niroumand
23596	Alzheimer's disease and its relationship with Obesity	Mohammadrza Ranjouri
25607	A review of the central fatigue and crossover central fatigue	Atefe Rahimi
27986	The effectiveness Model of cognitive hypnotheirapy group therapy on depression in patients with tension headaches	Sadegh Haghghi
28064	D1-like dopamine receptors within the nucleus accumbens contribute to stress-induced analgesia in formalin-related pain behaviors in rats	Golnaz Faramarzi
28066	Method for calculation of the escape index as a new parameter for evaluation of cold induced aversive behavior in the neuropathic rodents using double plate technique	Reza Hazrati
28086	Testosterone decreased escape index from cold in the neuropathic castrated mice	Farzin Azarpey

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29165	Role of α -rexin-2 receptors in the nucleus accumbens in antinociception induced by carbachol stimulation of the lateral hypothalamus in formalin test	Fatemeh Yazdi
29213	Behavioral and histochemical evidence for antinociceptive effects of vitamin B-complex pretreatment in rats.	Shahab Aldin Zarei
28033	The effect of cognitive – behavior group therapy on distress and pain among chronic pain patients	Azadeh Nazari mahin
29251	Comparison of the somatoform dissociation, fatigue severity and pain behavior in patients with migraine headache and healthy individuals, and its relationship with coping strategies.	Vida Aghzadeh
27973	PC12 differentiated cells as a in vitro model of parkinson's disease	Mahsa Rostamian delavar
29141	An experimental evaluation of a new desined apparatus for the rapid measurement of impaired motor function in Rats	Hojjat Torkamandi
23589	Genetic status in Parkinson Disease	Sima Sabbagh
29142	DO GABA(A) receptors mediate progesterone effects on recovery of electrophysiological deterioration in neuropathic rat	Hojjat Torkamandi
28027	Evaluation of sedative- hypnotic effect of Inula- Britannicas	Maryam Ranjbar ekbatan

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27833	Insomnia in Cancer Patients	Mahdi Madanifard
27815	Comparing view of physicians, nurses and patients in regard to related factors to sleep disorders of patients	Seyed ehsan Asadi
28063	Interaction between $\alpha 1$ adrenergic receptors and glucocorticoids on anxiety related behavior in mice	Abbas Tabasi
29176	The Effectiveness of Stress Inoculation Group Training (SIT) To Reduce Caregiver Burden In Caregivers of patients with Alzheimer disease In Bushehr	MASOUD SAYADI
29181	The affect of mindfulness-based cognitive therapy reduce stress of drug addicts undergoing methadone maintenance treatment	Zeinab Babaei
29195	Hormonal responses to acute stress changes by inactivation of central amygdala in female rats	Tahereh Sadat Javadifar
28039	Effects of vitamins E on lead-induced impairments in hippocampal synaptic plasticity	Masoomah Taheri Azandaryani
28072	Upregulation of hippocampal connexin 36 gene expression levels during memory consolidation	Reyhaneh Zeinali

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23601	More precise mapping of Glioblastoma based on a novel targeted MRI contrast agent	Samira Raminfar
27762	The effect of GABAergic receptors in medial prefrontal cortex on ketamine-induced amnesia	Maryam Farahmandfar
27911	The effect of blockade of AMPA receptors during extinction period on reinstatement to morphine-induced CPP in the rat: A behavioral study	Ali Siahposht khachaki
28020	Effects of swimming exercise on morphine-induced reward and behavioral sensitization in rat pups deprived of maternal	Hossein Miladi gorji
28139	The group II metabotropic glutamate receptor agonist, LY379268, reduces extinction and reinstatement of morphine-induced CPP	Negar Baharlouei
28142	Comparison of executive functions in young addicts before and after treatment	Nasrin Moazen
28144	Comparison of Executive Functions In Opioid Dependent, Stimulant Dependent and Normal Individual	Sepideh Shakernegad
29146	To comparison of brain/behavioral systems, Resiliency and social problem solving in smoking women and normal women	Ladan Karimi
29257	Effect of Salvia officinalis on the development of morphine analgesic tolerance in rats	Leila Mohamadzaheeri

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28123	Effect of the pregnant age of women and event incident «Attention Disorder Hyper Dificit» (ADHD) in statistical community of educational women	Masoume Gholipour Cheshme Gilak
27899	The anti-edematous effect of ghrelin is due to decrease of matrix metalloproteinase-9 protein expression in the hypoxic brain	Fezzeh Hosseinzadeh
27946	Nonverbal Communication in Mild Traumatic Brain Injury	Seyyedeh Maryam Fazaeli
27835	EEG in Borderline personality disorder	Nima Ganji
26693	Viola odorata arrests the proliferation of U87 cell line by mimicking as a potent inducer of apoptosis	Samira Raminfard
28077	Prevalence of Depression and Anxiety in Cancer Patients	Zeynab Madanifard
29157	Types of glioma brain tumor and genetic alterations in them	Narges Ahani
29168	A systematic review about position-related complications of acoustic neuroma surgery via suboccipital retrosigmoid approach: sitting versus lateral	Mahdi Safdarian
29148	Reduplicative paramnesia	Zahra Bayat
26640	Reward System and Dopamine Pathway	Mohammadjavad Hoseinpourfard
26648	Visual-Spatial Deficits and Strengths in Dyslexia	Mahnaz Akhavan Tafti

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26651	Neuroprotective effects of Epicatechin against Homocysteine-induced oxidative stress in hippocampal area in rat	Amin Ataie
26691	Effect of whole body vibration on vehicle driver's mental fatigue	Masoume Abedi
26708	Effect of intra-hippocampal injection of human recombinant growth hormone on synaptic plasticity in NBM-lesioned rats	Maryam Malek
27791	Can evaluation of prepulse inhibition and memory impairments at early stage of cirrhosis be as diagnostic index for minimal hepatic encephalopathy?	Iraj Aghaei
27828	Numerical distance effect in patients with schizophrenia	Ali Mohammad Pourrahimi
27935	Central Executive Function and Phonological loop in students with Mathematical Word Problems solving disability	Shohreh Roozbahani
27955	Visuospatial Memory dysfunction in Patients with Schizophrenia	Ehsan Hessami
27988	Change in stimulus novelty properties for exploring time perception mechanism	Hossein Sepasi Moghaddam
28009	The positive and negative effect of video game on emotion and cognition	BOSHRA HATEF
28131	Do cannabinoidergic and serotonergic systems interactions of accumbens shell arena play a role in anxiolytic-like behavior and aversive memory?	Marzieh Keramati nojedehsadat

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29152	Motor Learning and Movement Performance: Older versus Younger Adults	Fatemeh Ehsani
29164	Field of study and pre-programed cognitive-style in early development: evidence from digit ratio and systemizing-empathizing theory	Sahar Zarei Serkani
29174	Does juvenile rheumatoid arthritis associate with challenging behaviors including aggressive behaviors	Elham CHAMANARA
23604	The expression of NMDA receptor NR2B subunit in animal model of absence epilepsy	Fariba Karimzadeh
27807	Contribution of estradiol in sex-dependent differences of pentylentetrazole-induced seizures in rats	Maryam Rahimi
27996	Rosmarinic acid exerts neuroprotective effect in kainate rat model of temporal lobe epilepsy	Safoura Khamse
28004	Study of Epilepsy in women and its relation to sexual function	Elahe Pourakbaran
29166	The effect of repeated and single injection of post- treatment with cannabidiol on incentive properties of rat CA1 hippocampal calls in chronic phase of seizure- induced pilocarpine	Mahshid Hosseinzadeh
29223	A review on absence epilepsy with focus on basic sciences and future research	Maryam Jafarian

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29237	Effect of levetiracetam on subcutaneous pentylentetrazole (PTZ)- induced seizures in mice: role of nitrergic system	Azhdar Heydari
28061	Optogenetic therapy in retinal degenerative disorders	Amir hossein Mahmoudi
25635	Cognitive subtypes of mathematics learning difficulties in primary education	Amir Hossein Ashna
26636	Overlapping and distinct brain regions involved in estimating the spatial position of numerical and non-numerical magnitudes: An fMRI study	Faezeh Aghayan gol Kashani
26643	Paired pulse facilitation response in NBM lesion rats	Nasrin Hosseini
26660	Effects of Foeniculum vulgare extract on learning and memory impairment in male wistar rats	Maryam Khosravi
26689	The effects of Vitamin C on hypothyroidism-associated learning and memory impairment during neonatal and juvenile growth in rats	Reza Mohebbati
26706	Effect of L-Arginine on lipopolysaccharide induced memory retention impairment in rat	Akbar Anaei goudari
27788	Repeated exposure to galvanic vestibular stimulation enhances spatial memory in cognitive impairment-induced by intracerebroventricular-streptozotocin administration	Mansoureh Adel Ghahraman
27844	Effect of simvastatin on Klotho expression in an animal model of streptozotocin (STZ)-induced cognitive decline.	Soheila Adeli

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27995	Post-ischemic administration of ginkgo more effectively than pre-ischemic administration prevented repeated ischemia-induced memory deficits.	Ladan Vaghef
28049	Investigation of h-tau protein (isoform 1N4R) effect on A β 25-35 Aggregates	Fatemeh Mohammadi
29194	Memntine reverses the amnesia induced by the post-training intra-cerebrovascular administration of cyclosporine-A in an inhibitory avoidance model in mice	Abolfazl Ardjmand
29244	Combined effects of cannabis and ecstasy on memory retrieval in dorsal hippocampal	Marzieh Ghaderi
26672	Evaluation of executive functions in patients with Multiple Sclerosis and normal	Sima Tavosi
27820	The prognosis based on a new consolidated- theoretical methodology using Myelin Basic Protein antigenic epitopes, in Multiple Sclerosis	Samiie Pouragahi
27821	Effect of High Dose Vitamin D on Interleukin-10 in Patients with Multiple Sclerosis: A randomized, double-blind, placebo-controlled clinical trial	Nafiseh Toghianifar
28010	The Association between Brain Iron Accumulations in Multiple Sclerosis Patients with Blood Iron Metabolism Markers	Seyed Aidin Sajedi
28032	Neurotrophic Factors in Multiple Sclerosis	Fereshteh Golab

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28098	Exploration of individual coping from prospective of multiple sclerosis patients	Monir Nobahar
28113	MMP-9 polymorphism and susceptibility to multiple sclerosis in Iranian population	Leila Dehghani
28146	The Comparison of Coping Styles and Self Esteem in MS women and normal women	Sepideh Shakernegad
28147	Comparison of Social Anxiety and Mental Health among Women with MS and normal	Zeinab Abbasiasl
28148	The effect of music therapy on depression and anxiety in patients with multiple sclerosis	Zeinab Abbasiasl
27773	rTMS for tinnitus : influence of loudness and frequency of tinnitus on tinnitus suppression	Maryam Emadi
27872	Efficacy of neurofeedback in autism : A literature review	Parisima Alizadeh
28117	Cognitive Rehabilitation for Attention Deficit/Hyperactivity Disorder (ADHD); is it effective?	Komeil Entezari Zarch
29189	Design and Implementation of an EMG controlled Neuro-Prosthetic Robotic Arm	Mahdis Zarkoob

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28090	The effect of habenular nuclei gamma waves on the brain waves	Mohammad Toushieh
29191	Why and how oxytocin modulates cooperation?	Ali Bozorgmehr
29242	How we can increase our adult-neurogenesis	Mohsen Zangouei
29255	Impact, from inside of a single neuron to entire of the external world	Mohammad Reza Saebipour
27787	Transdifferentiation of Human Dental Pulp Stem Cells into Mature Oligodendrocyte	Hatef Ghasemi
29247	Neural Stem Cell Discovery as a Revolution Phenomenon in the CNS Regeneration	Mohammad Karimipour
27916	Effects of simulated microgravity on stereological parameters of motor cortex and hippocampus in male rats	Mohammad Saied Salehi
28095	A spinal nerve injury after traumatic sciatic-ectomy leads to glial cell reaction	Alireza Shams
25619	Effects of crocin on brain oxidative damage and aversive memory in a 6-OHDA model of Parkinson's disease	Ziba Rajaei
27906	Protective Effects of Taurine against H ₂ O ₂ -Induced Damage in SK-N-MC Cells	Elham Parandavar
28069	Angiogenesis changes in cortex and hippocampus in the rat model of Alzheimer's disease	Banafshe Esmaeilzade

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29159	Inhibitory effect of hydroalcoholic extract of green tea on cognitive impairment and oxidative stress induced by streptozocin in rats	Ramin Ataee
29188	Effects of extremely low frequency electromagnetic fields on neurogenesis and cognitive behavior in an experimental model of hippocampal injury	Mohammad hassan Sakhiae
29205	Survey of quercetin nanocrystal effect on learning and memory in male rats with Alzheimer's disease	Ebrahim Poursalar
26687	Are there Associations between age, education with study field of parents who have children with Autism Spectrum Disorder?	Akbar Zahedi
27816	Autism and Brain Functioning	Leila Akrami
29218	The impacts of diabetes in pregnancy on the expression of synaptophysin in developing hippocampus of rat neonates	Saeed Vafaei Nezhad
28057	Postnatal visual deprivation reverses AMPA/NMDA receptors balance in rats' hippocampus	Sayyed Alireza Talaei
29163	The BDNF-Val66Met polymorphism and association with Neurological Disorders; an overview	Nona Sabeti
27767	Suppression of Angiogenic Cytokines in Schizophrenia effects on Rheumatoid Arthritis?	Amir Hossein Norooznejhad

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26743	The Effects of Executive Functions & Theory of Mind on Autistic Language Impairment	Neda Ferdosi
27774	Neural Networks Dysfunction in Alzheimer's Disease.	Ali MalekiJamshid
27841	Rosuvastatin can Reduce Neuropathic Pain in Chronic Constriction Injury Model Of Male Rat.	Amin Hasanvand
27845	Antidepressant-like effect of atorvastatin in the forced swimming test in mice: The role of PPAR-gamma receptor and nitric oxide pathway	Mina Khoshnoodi
29222	Analgesic effect of clove essential oil in mice	Beheshteh Babazadeh
27943	In Defense of the Unity of Consciousness; A Response to Patricia Churchland	Seyedeh masoumeh Seyedhoseini tamijani
26735	Neuroprotective Effect of Melissa Officinalis in Animal Model of Spinal Cord Injury	Ruhollah Hosseini
28129	Neuroprotective effects of moclobemide on high glucose-induced oxidative stress in PC12 cells	Azadeh Aminzadeh
27842	The effect of Crocus Sativus and Fluoxetine on serum homocystein level in major depression	Zahra Javid
27921	Evaluation of executive functioning in patients with schizophrenia	Elnaz Bahrami
27948	Melodic intonation therapy effectiveness on anxiety disorder and social skills in stuttering problem children	Hayedeh Hejrani Diarjan

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27958	Neuropsychological dysfunctions in Obsessive - Compulsive Disorder	Farzad Farhoodi
28046	Neural mechanism of EMDR	Elahe Majd Ara
28100	Effectiveness of Emotional Working Memory Training on Improving Cognitive Control in individuals with High Trait Anxiety	Moslem Kord tamini
28104	Transcranial Direct Current Stimulation in Treatment Dysthymia: A Case Study	Nastaran Malmir
29178	Investigation of dopaminergic DRD2 receptor gene expression on the major depression	Mohammed Zaefizadeh
29214	Linking Eating Disorders to Brain Structures: What Does the Future Hold?	Elnaz Roohi
27982	Inhibition of Akt phosphorylation leads to bioenergy homeostatic disruption in hippocampus	Fatemeh Shaerzadeh
26736	Chronobiology of learning: Implications for educational timing	Ali Nouri
27760	Associations between components of metabolic syndrome and cognition in schizophrenic patients	Shahrazad Mazhari
27775	Stroke and Cardiac Abnormalities	Shahir Mazaheri
27786	Spinal cord injury patients and elective amputation of the lower extremities!	Mahdi Sharif Alhoseini

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27979	pH effect on neurons	Farzaneh Aslanpour
27983	Dual Engagement of the NLRP3 and AIM2 Inflammasomes by Plasmodium-Derived Hemozoin and DNA during Malaria	Parisa Kalantari
29160	A new approach for non-clinical (In-vitro) Models of Spinal Cord repairing	Reyhaneh Abolghasemi
29208	Spiritual Neuroscience and Neurotheology: Prospects and Methodological Challenges Ahead	Hosein Aghayan Golkashani
29232	Conceptual learning and daily short-time consistently mathematic practice improve mathematic solving and interesting	Saadi Lotfali
29233	Enhancing Self control and self- efficacy by training internal control center in vulnerable students	Saadi Lotfali
29261	Development of a National Biobank for Autism: a study protocol	Maryam Rahnama
29262	Stress and Schizophrenia	Ziba Aghamaleki sarvestani
26742	The role of opioidergic mechanisms in the activity of Bryonia dioica extracts against tonic and acute phasic pain modalities	Yosef Golshani
27780	The Effect Of Oral Bisphenol-A On Formalin- Indused Pain In Male Rats	Elham Yari
27804	The analgesic effect of Hydroalcoholic extract Astragalus fasciculifolius Gum formalin test in mice	Najmeh Asgharzadeh

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27805	The effect of photoperiod changes on thermal and chemical pain in male rat	Fateme Marvi samavarchi
27819	The effect of muscimol on firing rate of wide dynamic range neurons in neuropathic rats	Mehdi Sadeghi
27861	The Effect of Maternal Exposure to Nanoparticles of Titanium Dioxide on the Pain Response in Offspring Mice Using Formalin Test	Mojtaba Ilani
27980	Evaluate determine the association between muscimol and pyramidal neurons in the parabrachial nucleus in rat model of chronic pain	Alireza Sahraian
28083	Gene expression of transient receptor potential vanilloid 1 (TRPV1) in rat spinal cord and midbrain is associated with induction of morphine analgesic tolerance	Shamseddin Ahmadi
29248	Association between personality characteristics and migraine incidence in Ardabil Alavi hospital neurology clinic clientele in 2013-2014	Hamidreza Azizadeh
26647	Alternative response of PC12 and SHSY5Y cell lines on the toxic aggregated- Alpha-synuclein	Farhang Aliakbari
26699	Ellagic Acid Protects the Brain Against 6-hydroxydopamine Induced Neuroinflammation in a Rat Model of Parkinson's Disease	Mojtaba Dolatshahi
26719	Hypnotic effects of Ducrosia anethifolia essential oil in male Wistar rats	Fatemeh Niasti
26730	To relationship between Sleep Problems and Quality of Life in Intercity	FATEME GHASEMI

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27800	A method of assessment of sleep disorders in attention deficit hyperactivity disorder	Neda Rafiee tary
27803	The prevalence of sleep disorders in attention deficit hyperactivity disorder(ADHD)	Neda Rafiee tary
27806	A common cause of sleep problems and treatments in attention deficit hyperactivity disorder.	Jamshid Saemi
28003	The Role of Strengthen immune system against amnesia and depression caused by sleep deprivation due to the genes involved in CA1 of hippocampus	Mohammadjavad Hoseinpourfard
29154	The effect of CA1 alpha-2 adrenergic receptors on memory consolidation deficit induced by Total and Chronic-Partial Sleep deprivation (TSD and CPSD)	Yaser Norouzpour
25625	The exercise effect on excitability and paired-pulse inhibition response at dentate gyrus of hippocampus in chronic stress rats	Maryam Radahmadi
27789	Acute microinjection of memantine into the nucleus accumbens increases plasma corticosterone release in female NMRI mice	Hassan Ghoshooni
28074	The effect of pre and postnatal combined Probiotic supplementation on Anxiety in rat	Mahsa Hadizadeh sarvestani
28109	Predict mental health and physical diseases based on perceived stress, integrate self-knowledge, and the dimensions of violence	Zahra Salari rad
28096	Personality traits and spiritual intelligence in predicting mental well-being of students at Amir Kabir University Tehran	Nasrin Abdoli