

# Detailed program of the Congress

## 10<sup>th</sup> Basic and Clinical Neuroscience Congress (BCNC-2021)

### 1<sup>st</sup> day, Wednesday, December 22, 2021

Wednesday, 8:00-9:30 (IRST), Hall 1	<b>P1: NBML: Different Ways in EEG Analysis</b>	
	Visual Analysis of EEG	Mahmoud Mohammadi*
	Trend Analysis of EEG	Reza Shervin Badv
	Source Analysis of EEG	Bahram Yarali
Wednesday, 8:00-9:30 (IRST), Hall 2	<b>P2: Oral Presentations: Clinical Neuroscience</b>	
	Evaluation of Cognitive Impairment in Refractory Temporal Lobe Epilepsy Patients with Respect to Structural Brain Lesions	Farinaz Tabibian
	Changes in functional networks of balance perception in stroke survivors with visual vertical abnormalities	Meymaneh Jafari
	Do prior Neurological comorbidities predict COVID-19 severity and death? a 19-month cross-sectional study	Mojtaba Sharafkhah
	What are the effects of endurance exercise following traumatic brain injury in athletes?	Zahra Soltani
	Prevalence of sleep disorders in 50 patients with Covid 19 with severe to moderate pulmonary involvement admitted to the intensive care unit of Shariati Hospital within 2 months of discharge and recover	Fatemeh Roshani asl
	Effectiveness of atomoxetine for cognitive function in methamphetamine dependent patients; a randomized controlled trial	Amir Ghaderi
	The Effect of Cue-exposure based Cognitive Reappraisal on Emotion Regulation and Craving: An fMRI Study in Cannabis Users	Zahra Hamidein
	Evaluation of Fronto-cerebellar neurometabolites in youth with ADHD compared to the healthy group and their associations with cognitive and behavioral characteristics: A proton magnetic spectroscopic study	Soroush Bakhshi
Wednesday, 9:30-10:30 (IRST), Hall 1	<b>Opening Ceremony</b>	
	President of Congress	Mohammad Taghi Joghataei
	Vice President for Science and Technology	Sorena Sattari
	Excellent advisor of Vice President for Science and Technology	Kamal Kharazi
	Basic Science Secretary	Ali Rashidy-pour
Wednesday, 10:15-11:00 (IRST), Hall 1	<b>Keynote Talk</b>	
	The Lasting Challenge of Free will in Neuroscience and Psychiatry	Azarakhsh Mokri

Wednesday, 11:00-11:15 (IRST)	Break	
Wednesday, 11:15-12:15 (IRST), Hall 1	Keynote Talk	
	The impact of stress on memory and extinction	Oliver T. Wolf
Wednesday, 12:15-12:30 (IRST)	Break	
Wednesday, 12:30-14:00 (IRST), Hall 1	<b>P3: Brain Science for NeuroTechnology and vice versa</b>	
	Neurophotonics: The NGBA Perspective	Mohammad Nami*
	AI applications in Healthcare	Seyed-Mahdi Khaligh-Razavi
	The novel ecosystem in facilitating neuroscience worldwide	Fatemeh Abdollah
	Unboxing the Brain: New technological advances in brain recordings	Majid Khalili-Ardali
	Current state of brain-based biomarker technologies for real-life	Masoud Nosratabadi
Wednesday, 12:30-14:00 (IRST), Hall 2	<b>P4: Invited Speakers</b>	
	miRNAs are valuable biomarkers for brain functions and disorders (12:30-13:15)	Ameneh Rezayof
	How to make a Hippocampus (13:15-14:00)	Shubha Tole
Wednesday, 14:00-14:15 (IRST)	Break	
Wednesday, 14:15-15:15 (IRST), Hall 1	Keynote Talk	
	From controlled to compulsive seeking and taking: neural determinants of the transition to drug addiction	Christian Lüscher
Wednesday, 15:15-15:30 (IRST)	Break	
Wednesday, 15:30-17:00 (IRST), Hall 1	<b>P5: Residency Panel</b>	
	Integrating clinical neuroscience into everyday psychiatric practice	Raziyeh Bakhshandeh
	The anatomy of clinical diagnosis: quick lessons from cognitive neuroscience on how we make clinical decisions	Farzaneh Bazrkar
	Pathogenic Cis p-tau Levels in CSF Reflects Severity of Traumatic Brain Injury	Alireza Mohsenian Sisakht
	Neuroscience and mood instability	Mandana Bostani marvi
	Impact of yoga on default mood network	Sanaz Asgari
	Psychosis as a symptom	Tara Khoeini*
Wednesday, 15:30-17:00 (IRST), Hall 2	<b>P6: Invited Speakers</b>	
	Cerebellar input to Dopaminergic Neurons of the Substantia Nigra (15:30-16:00)	Farzan Nadim
	Single-neuronal predictions of others' beliefs in humans (16:00-16:30)	Mohsen Jamali
	(16:30-17:00)	Majid Mohajerani

Wednesday, 17:00-17:15 (IRST)	Break	
Wednesday, 17:15-18:15 (IRST), Hall 1	Keynote Talk	
	Mitochondria directed oxidative stress at the center of Alzheimer disease	George Perry
Wednesday, 18:15-18:30 (IRST)	Break	
Wednesday, 18:30-20:00 (IRST), Hall 1	<b>P7: Frontotemporal dementia: new insights into a wide spectrum of its clinical features (CME)</b>	
	Clinical features of Frontotemporal dementia: case presentation	Babak Zamani**
	Behavior variant FTD: a diagnosis of psychiatric manifestation at old age	Mohammad Arbabi
	Primary Progressive Aphasia: How can we differentiate its subtypes?	Fahime Haji-Akhoundi
	What patients with FTD teach us about moral judgment?	Fateme Sadat Mirfazeli
	Neuropsychology assessment in FTD: case presentation	Mostafa Almasi-Dooghaee*
Wednesday, 18:30-20:00 (IRST), Hall 2	<b>P8: Invited Speakers</b>	
	Color, stereopsis and motion encoding in human extrastriate visual areas (18:30-19:00)	Shahin Nasr
	Digital holographic microscopy for noninvasive and quantitative visualization of biomaterials (19:00-19:30)	Alireza Moradi
	Using novel natural language processing algorithms for advanced mental health evaluation and evidenced-based decision making (19:30-20:00)	Mohsen Omrani
Wednesday, 20:00-20:15 (IRST)	Break	
Wednesday, 20:15-21:45 (IRST), Hall 1	<b>P9: Frontotemporal dementia: new insights into a wide spectrum of its clinical features (CME)</b>	
	Clinical features of Frontotemporal dementia: case presentation	Babak Zamani**
	Behavior variant FTD: a diagnosis of psychiatric manifestation at old age	Mohammad Arbabi
	Primary Progressive Aphasia: How can we differentiate its subtypes?	Fahime Haji-Akhoundi
	What patients with FTD teach us about moral judgment?	Fateme Sadat Mirfazeli
	Neuropsychology assessment in FTD: case presentation	Mostafa Almasi-Dooghaee*
Wednesday, 20:15-21:45 (IRST), Hall 2 (Chairperson: Maryam Ghasemi)	<b>P10: Modulation of neuroinflammation in central nervous system related disorders</b>	
	Understanding the protein aggregation in the CNS (Invited Speakers, 20:15-20:45, IRST)	Mahmoud Kiaei
	Phenomenology and manifestation of functional movement disorder	Hamidreza Nouri
	Neurobiology of functional movement disorder , a new gate to so-called hysteria	Nahid Davoodian
	Cognition in functional movement disorder	Mohammad Gol
	Management of functional movement disorder , multidisciplinary approach and novel treatments	Mona Hashemian
<b>2<sup>nd</sup> day, Thursday, December 23, 2021</b>		
Thursday, 8:15-9:45 (IRST), Hall 1	<b>P11: System Neuroscience</b>	
	Working memory deficits in neuroinflammatory disorders	Mehdi Sanayeie

	working memory and representational enhancement of sensory information	Zahra Bahmani
	Dependence of working memory on coordinated activity across brain areas	Ehsan Rezayat*
	Phase coding in temporal visual pathway	Mohammadreza Abolghasemi
Thursday, 8:15-9:45 (IRST), Hall 2	<b>P12: Glioblastoma Multiforme (GBM): An overview of current therapies based on tumor cell biology and tissue engineering</b>	
	The role of tumor microenvironment in the progression of glioblastoma	Samaneh Arab*
	Application of biomaterials in the treatment of glioblastoma	Marjan Bahraminasab
	3D and engineered models of glioblastoma	Akram Alizadeh
	The Exosomal signals of glioblastoma cancer stem cells to normal adjacent cells adjacent	Sorayya Ghasemi
	Exosomes as drug carriers in the treatment of glioblastoma	Vajihe Taghdiri Nooshabadi
Thursday, 9:45-10:00 (IRST)	<b>Break</b>	
Thursday, 10:00-11:00 (IRST), Hall 1	<b>Keynote Talk</b>	
	Stress hormone effects on memory accuracy and generalization	Benno Roozendaal
Thursday, 11:00-11:15 (IRST)	<b>Break</b>	
Thursday, 11:15-12:15 (IRST), Hall 1	<b>P13: Oral Presentations: Cellular Neuroscience</b>	
	Anti-apoptotic effect of Sambucus ebulus extract on SH-SY5Y neuroblastoma cells as in vitro model of Parkinson disease	Ramin Ataee
	Magnetic targeted delivery of the SPIONs-labeled mesenchymal stem cells derived from human Wharton's jelly in Alzheimer's rat models	Farshid Ghiyamihoor
	Tumoricidal properties of olfactory ensheathing cells containing HSV-tk gene on brain tumor: Molecular and imaging analysis	Fatemeh Tigar
	The effects of Erlotinib and Imatinib drugs on survival and migration of human U87MG glioblastoma cell line in 2D and 3D cell cultures	Rasoul Rashidi
	Neuroprotective Effects of Wharton's Jelly-Derived Mesenchymal Stem Cells on olfactory dysfunction in Rat Model of the Parkinson's Disease	Maryam alsadat Jalali
	The impact of miR-92a on mouse embryonic stem cells (mESCs) and their concomitant use as a pre-treatment for enduring an ischemic stroke in rats	Mahmoud Ramdan
Thursday, 11:15-12:15 (IRST), Hall 2	<b>P14: Epilepsy</b>	
	The intrinsic electrophysiological characteristics of hippocampal epileptic neurons: possible involvement of Ca <sup>2+</sup> and I <sub>h</sub> channels	Mahyar Janahmadi
	Drug-resistant epilepsy in children	Reza Shervin Badv
	IL4 reduces epileptogenesis susceptibility acutely after TBI: The role of macrophage/microglia polarization	Mohammad Sayyah
	The role of dopamine D2-like receptors in mediating the improving effects of low-frequency Deep Brain stimulation on learning and memory impairment in kindled rat	Amir Shojaei*
Thursday, 12:15-12:30 (IRST)	<b>Break</b>	
Thursday, 12:30-14:00 (IRST), Hall 1	<b>P15: Functional (Psychogenic) Movement Disorder from Pathophysiology to Treatment (CME)</b>	
	Phenomenology and manifestation of functional movement disorder	Mohammad Rohani*
	Neurobiology of functional movement disorder , a new gate to so-called hysteria	Fatemeh Sadat Mirfazeli
	Cognition in functional movement disorder	Atefeh Ghanbari Jolfaei

	Management of functional movement disorder , multidisciplinary approach and novel treatments	Maziar Emamikhah
<b>Thursday, 12:30-14:00 (IRST), Hall 2</b>	<b>P16: Oral Presentations: Animal Studies</b>	
	Pycnogenol ameliorates motor function and genes expressions of NF-κB and Nrf2 in 6-hydroxydopamine-induced experimental model of Parkinson's disease in male NMRI mice	Mahdi Goudarzvand
	The Effect of Continuous Environment Enrichment on Behavior Alterations and Barrel Cortical Neuronal Responses in Rats Exposed Prenatally to Valproic Acid	Mansoureh Sabzalizadeh
	The effect of hesperidin on the neurological score, brain water content and blood brain barrier after traumatic brain injury in male rat: a behavioral and biochemical study	Ali Siahposht khachaki
	Sex-dependent effects of REM sleep deprivation on methamphetamine reward memory	Mehdi Khodamoradi
	Vitamin D regulates pro-inflammatory cytokines and anti-oxidative enzymes dysregulations caused by chronic mild stress in the rat hippocampus and prefrontal cortical area	Katayoun Sedaghat
	Effect of Vitamin D on the Electrical Activity of Hippocampal CA1 Pyramidal Neurons in Adult Male Rats	Nastaran Zamani
	Comparative effects of CB1R modulation on Ih current in VTA neurons of intact and PD Mice	Monavare Soti
	The protective and therapeutic effects of lacosamide on the beta-amyloid induced synaptic plasticity impairment in male rats: an electrophysiological, biochemical and histological study	Alireza Komaki
<b>Thursday, 14:00-14:15 (IRST)</b>	<b>Break</b>	
<b>Thursday, 14:15-15:15 (IRST), Hall 1</b>	<b>Keynote Talk</b>	
	Learning from prediction error	Reza Shadmehr
<b>Thursday, 15:15-15:30 (IRST)</b>	<b>Break</b>	
<b>Thursday, 15:30- 17:00 (IRST), Hall 1</b>	<b>P17: Neurometabolic and Neurogenetic: an interesting field for new generations</b>	
	Neurometabolic Disorders in Adult Neurology	Frédéric SEDEL
	Neurometabolic Disorders in Psychiatry	Omid Aryani
	Neurogenetic Disorders/ Molecular Genetic Diagnosis	Reza Shirkoohi
<b>Thursday, 15:30- 17:00 (IRST), Hall 2</b>	<b>P18: Cognitive Rehabilitation in Elderly Population</b>	
	Cognitive enhancement in normal aging	Peyman Hassani-Abharian*
	Memory rehabilitation in dementia	Malahat Akbar-Fahimi
	Post stroke cognitive impairments in elderly population and its rehabilitation	Anahita Khorrani-Banaraki
	Pseudo-dementia and its cognitive rehabilitation	Nilufar Mahdavi-Mazdeh
<b>Thursday, 17:00- 17:15 (IRST)</b>	<b>Break</b>	
<b>Thursday, 17:15- 18:15 (IRST), Hall 1</b>	<b>Keynote Talk</b>	
	Early Life Stress and Susceptibility to Schizophrenia and Depression	Anthony A. Grace

<b>Thursday, 18:30-20:00 (IRST), Hall 1</b>	<b>P19: Memory Disorders (CME)</b>	
	Neroscientistic aspects of memory	Zahra Vahabi
	Neuropsychology of memory	Maryam Noroozian
	Clinical evaluation of memory in different type of dementia	Fatemeh Khamseh
	Neuroimaging and neuroanatomy of memory	Aidin Taghiloo
	Memory rehabilitation	Vajihe Aghamolae* <sup>*</sup>
	Memory impairment in covid era	Fatemeh Mohamadian
	Psychogenic amnesia	Mohammad Arbabi
<b>Thursday, 18:30-20:00 (IRST), Hall 2</b>	<b>P20: Oral Presentations: Cognitive &amp; Computational Neuroscience</b>	
	Frontotemporal coordination predicts working memory performance and its local neural signatures	Ehsan Rezayat
	Reputation or Gain: Examining Deception in typically developing children in a Bargaining Ultimatum Game	Amirhossein Memari
	Ventral Tegmental Area Participates in Social Memory Formation	Mahsa Ahmadi
	Rhythmic air-puff into nasal cavity, a non-invasive brain stimulation method, can modulate coupling between prefrontal cortex and hippocampus during resting state and subsequent short-term memory task	Bahareh Jafari
	I Can't See Your Sadness: Social Exclusion Affects Facial Emotion Recognition	Arezoo Ghandchi
	Decision making guidance through learning in methamphetamine use disorders: Evidence from reinforcement learning diffusion decision model	Sadegh Ghaderi
	Classification EEG Motor Imagery Signals for Controlling Wheelchair	Morvarid Ghafouri
	The Effects of Alzheimer's Disease on Linear and Nonlinear EEG Features	Golnaz Baghdadi
<b>Thursday, 20:00- 20:15 (IRST)</b>	<b>Break</b>	
<b>Thursday, 20:15-21:45 (IRST), Hall 1</b>	<b>P21: Memory Disorders (CME)</b>	
	Neroscientistic aspects of memory	Zahra Vahabi
	Neuropsychology of memory	Maryam Noroozian
	Clinical evaluation of memory in different type of dementia	Fatemeh Khamseh
	Neuroimaging and neuroanatomy of memory	Aidin Taghiloo
	Memory rehabilitation	Vajihe Aghamolae* <sup>*</sup>
	Memory impairment in covid era	Fatemeh Mohamadian
	Psychogenic amnesia	Mohammad Arbabi
<b>Thursday, 20:15-21:45 (IRST), Hall 2</b>	<b>General Assembly of Iranian Neuroscience Society</b>	
	<b>INSS Council Members</b>	

## 3<sup>rd</sup> day, Friday, December 24, 2021

Friday, 8:15-9:45 (IRST), Hall 1	<b>P23: New approach in drug addiction treatment</b>	
	The Neurobiology of Drug Addiction	Hamed Ghazvini*
	Addiction: do biological rhythms matter, and could they play a role in treatment?	Behzad Garmabi
	Deep brain stimulation in addiction	Jamal Shams
	Stem cell research for addiction treatment	Raheleh Rafeaiee
	Peripheral nerve stimulation as a new non-invasive treatment for opioid withdrawal	Masoumeh Seyed hosseini
Friday, 8:15-9:45 (IRST), Hall 2	<b>P24: Brain and Gut Microbiome</b>	
	Epigenetic regulation of the microbiota_gut_brain axis	Mohammad Nasehi*
	Reverse Microbiomics in neuroinflammation and neurological disorders	Seyed Davar Siadat
	Brain microbiota is the cause or consequence of Alzheimer disease pathology?	Hakimeh Zali
	Impact of Microbiota gut brain axis on the neurological inflammation specially in SARS-CoV-2 infection	Sara Ahmadi Badi
Alzheimer's Amyloid- $\beta$ is an Antimicrobial Peptide(AMP)	Morteza Aliashrafi	
Friday, 9:45 -10:00 (IRST)	<b>Break</b>	
Friday, 10:00-11:00 (IRST), Hall 1	<b>P25: Oral Presentations</b>	
	The protective and therapeutic effects of Iacosamide on the beta-amyloid induced synaptic plasticity impairment in male rats: an electrophysiological, biochemical and histological study	Alireza Komaki
	Effect of moderate involuntary exercise on hippocampal apoptosis markers in an ovariectomized rat model of post-traumatic stress disorder (PTSD)	Sakineh Shafia
	Molecular Docking Study of Acetylcholinesterase Interaction with Royal Jelly Active Components	Nasrin Hosseini
	Evaluation of synergic anti-depressive treatment of piperine with memantine in reducing depression signs with corticosterone in model of depression in rat	Amin Ataie
	Methylprednisolone, minocycline, or fingolimod?; which one is better for combination therapy using neural stem cells in spinal cord injury	Hadi Aligholi
Challenges in Management of Primary Insomnia	Mohammad Reza Saebipour	
Friday, 10:00-11:00 (IRST), Hall 2	<b>P26: Cognitive Council Projects</b>	
Friday, 11:00-11:15 (IRST)	<b>Break</b>	
Friday, 11:15-12:15 (IRST), Hall 1	<b>P27: Oral Presentations</b>	
	Severe and progressive dopaminergic neuronal death in substantia nigra associates with a decrease in serum level of corticosterone in rat	Hashem Haghdoost Yazdi
	Let-7f and miR-338; plasma-based biomarkers for sporadic Amyotrophic Lateral Sclerosis	Narges Daneshafrooz
	Design of an autism diagnosis kit through miR146-a analysis in saliva	Noushin Sang Tarash
	Combined royal jelly and environmental enrichment effects against chronic stress-induced anxiety like behaviors: Based on behavioral and molecular studies	Masoomah Dadkhah
CACNA1C overexpression following chronic stress is correlation with BDNF, trkB, and GR genes alterations in the adult male rats	Somayeh Dashti	

	Inhibition of orexin receptor 1 contributes to the development of morphine dependence via attenuation of cAMP response element-binding protein and phospholipase C $\beta$ 3	Masoumeh Kourosh Arami
<b>Friday, 11:15-12:15 (IRST), Hall 2</b>	<b>P28: Case Reports</b>	
	A Pattern of Quantitative Electroencephalography (qEEG) for Depression in Elite Athletes: A Case Study	Amir Hossien Mehrsafari
	Recurrent Suicide Attempts in a Young Man With a Novel Mutation of Wolfram Syndrome; A Candidate Gene for Suicidality	Fatemeh Mohebbi
	The effects of spaced transcranial direct current stimulation combined with conventional dysphagia therapy in parkinson's disease: a case report	Atefe Rahmati
	Neuroimaging Evaluations of Treatment Efficacy for Transcranial Direct Current Stimulation in Trigeminal Neuralgia	MohammadReza Nazem Zadeh
	Tuberculous meningitis and Nonconvulsive status epilepticus: Case Report	Narges Tabatabaei
	Presentation of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) in acute phase of COVID-19 infection	Zeynab Jalilian
<b>Friday, 12:15 -12:30 (IRST)</b>	<b>Break</b>	
<b>Friday, 12:30-14:00 (IRST), Hall 1</b>	<b>P29: Deep Brain Stimulation (DBS) (CME)</b>	
	Current challenges and future directions	Mehri Salari
	An overview of history, methods, and future developments	Mansour Parvaresh
	A mechanistic and clinical update	Amir Hassan Habibi*
<b>Friday, 12:30-14:00 (IRST), Hall 2</b>	<b>P30: Neuroscience Society of Turkey: Brain Microcirculation and Stroke</b>	
	Actors of microcirculatory failure in brain ischemia	Müge Yemişçi Özkan
	Circadian Rhythm and Stroke	Ertuğrul Kılıç
	Brain microcirculation in Hypertension and Diabetes	Yasemin Gürsoy-Özdemir*
	Antioxidants in cerebral ischemia	Aslıhan Taşkıran
<b>Friday, 14:00 -14:15 (IRST)</b>	<b>Break</b>	
<b>Friday, 14:15 -15:15 (IRST), Hall 1</b>	<b>Keynote Talk</b>	
	<b>Drug repositioning in psychiatry: 26 years' experience from Roozbeh Hospital</b>	Shahin Akhondzadeh
<b>Friday, 15:15 -15:30 (IRST)</b>	<b>Break</b>	
<b>Friday, 15:30-17:00 (IRST), Hall 1</b> <b>(Chairperson: Mzia Zhvania)</b>	<b>P31: Georgian Neuroscience Association: Structural and Behavioral Aspects of Experimental Neuropathology</b>	
	Behavioral and brain ultrastructural changes following the systemic administration of propionic acid in adolescent male rats	Giorgi Lobzhanidze
	Gender differences in anxiety response to high intensity white noise in rats	Nino Gogokhia
	Aging, Cognition and Hippocampal ultrastructure. Experimental study	Nino Lomidze
	Immediate and persisting effects of toluene chronic exposure on cognitive functions of adolescent and adult rats	Nino Pochkhidze
	Anxiety and Ultrastructural Consequences of Chronic Mild Stress in Rats	Irina Sharikadze
	Exposure of an excess of manganese ions on the behavior and brain morphology of female and male rats	Mariam Mikadze



	Neurotoxic effects of arsenic in experimental rat models	Tamar Bikashvili
	Effect of toluene inhalation in adolescents rats	Lia Gelazonia
<b>Friday, 15:30-17:00 (IRST), Hall 2</b>	<b>P32: Stem Cell Therapy in Anterior Horn Cell disease(Congenital and Developmental)</b>	
	ALS and its novel treatments	Bita Shalbafan*
	Treatment of SMA :Is cell therapy can be effective What about combination therapy	Mahmoud Reza Ashrafi
	Adipose-derived Stem Cell products (Stromal Vascular Fraction , Microfat, Nanofat)	Seyed Reza Abdolmotalabi
	Stem Cell and Regenerative Medicine in Neurologic Diseases	Amir Ali Hamidieh
<b>Friday, 17:00 -17:15 (IRST)</b>	<b>Break</b>	
<b>Friday, 17:15-18:15 (IRST), Hall 1</b>	<b>Keynote Talk</b>	
	<b>Searching for the Brain Basis of Religious Belief</b>	Jordan Grafman
<b>Friday, 18:15 -18:30 (IRST)</b>	<b>Break</b>	
<b>Friday, 18:30-20:00 (IRST), Hall 1</b> <b>(Chairperson: Mostafa Almasi)</b>	<b>P33: COVID pandemics and Nervous system (CME)</b>	
	Relatively high frequency of co-infection with two SARS-CoV-2 strains and infection with recombinant strains observed among Iranians: implications for emergence of new strains	Elaheh Elahi
	Cerebral venous thrombosis in Covid-19	Zohreh Zamani
	Covid-19 associated demyelinating disorders	Mahisa Mokhtari
	Smell testing for screening COVID-19	Shima Taallohi Moein
<b>Friday, 18:30-20:00 (IRST), Hall 2</b>	<b>P34: Insight into Emerging Role of Novel Biomarkers in Neurodegenerative Disorders</b>	
	Shedding light on clinical importance of biomarkers in neurodegenerative disorders	Soraya Mehrabi
	P11 as a novel biomarker	Kousha Farhadi
	P11 role in Parkinson's Disease	Alireza Noori*
	P11 implications in Inflammatory processes	Yasmin Mohtasham Kia
	Latest discoveries around Tau level changes in neurodegenerative disorders	Shayan Kako
	Serum levels of Cis p-tau as a staging biomarker in Alzheimer's Disease	Ali Nazari
miRNAs as potential biomarkers in Neurodegenerative disorders	Maral Khodaparast	
<b>Friday, 20:00 -20:15 (IRST)</b>	<b>Break</b>	
<b>Friday, 20:15 -21:45 (IRST)</b>	<b>Closing Ceremony</b>	
	<b>International Secretary</b>	Javad Mirnajafi-Zadeh
	<b>Clinical Science Secretary</b>	Mostafa Almasi
	<b>Awards Secretary</b>	Ali Shahbazi
	<b>Executive Secretary</b>	Nasrollah Moradi-kor

## **BCNC Congress 2021 - Hall 1 (22-24 December, Tehran, Iran)**

**Join Zoom Meeting:**

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Meeting ID: 871 6831 8091

Passcode: 123456



## **BCNC Congress 2021 - Hall 2 (22-24 December, Tehran, Iran)**

**Join Zoom Meeting:**

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