Wednesday, February 21, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
	Opening Ceremony Mohammad Mehdi Etemadi, Seyyed Ali Akbar Shamsian, Reza Sadr-Nabavi, Mohammad Hassanzadeh Nazar Abadi, Alireza Khouei, Mohammad Hosein Bahrinie, Mohsen Tafagodi, Mohammad Etezad Razawie	**Poster Session 1** • **Neurogenomics and neuroepigenetics** • **New genes and mechanisms in intellectual disabilities**
08:00 - 08:10	**Holy Quran and National Anthem of the I. R. Iran**	
08:10 - 08:30	**Mohammad Hassan Kariminejad** Chairperson of Neurogen2018	
08:30 - 08:50	**Karim Nikkhah** Chairperson of Khorasan Razavi Neurogenetics Society	
08:50 - 09:10	**Mohammad Reza Darabi Mahboob** President of Mashhad University of Medical Sciences	
09:10 - 09:20	**Morteza Saeidi** Scientific Chair	
09:20 - 09:30	**Ariane Sadr-Nabavi** Executive Director	
09:30 - 10:00	Coffee Break	
10:00 - 12:00	**Plenary Session 1: New Genes and Mechanisms in Neurogenetics** Session Chairs: Maryam Moghaddam Matin, Ahmad Reza Bahrami, Abdolhossein Taheri, Esmaeel Goharjoo	**Poster Session 1** • **Neurogenomics and neuroepigenetics** • **New genes and mechanisms in intellectual disabilities**
10:00 - 10:40	Overview of the human genome **Andrew Read** (Department of medical genetics, University of Manchester, Manchester, UK)	

Wednesday, February 21, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
10:40 - 11:20	Genetic epidemiology of rare autosomal recessive disorders investigated through consanguineous marriages: the Homozygosity Index approach **Giovanni Romeo** (Department of medical genetics, Centro Residenziale Universitario di Bertinoro, Bertinoro, Italy)	
11:20 - 11:45	Twenty years contribution to elucidate the genetic composition of single gene disorders in Iran **Hossein Najmabadi** (Department of medical genetics, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran)	
11:45 - 12:15	Expression analysis of Vitamin D signaling pathway genes in epileptic patients **Mojtaba Khazaei- Mohammad Taheri** (Department of Neurology, Hamadan University of Medical Sciences, Hamadan, Iran)	
12:15 - 14:00	Prayer and Lunch Break	
14:00 - 16:00	**Plenary Session 2: Neuromuscular Diseases (I)** Session Chairs: Vahid Rostami, Hadi Asadpoor, Mohammad Ali Azizi, Ali Shoeibi	**Poster Session 2** • **Complex neurogenetic diseases**
14:00 - 14:20	Typical vs Atypical forms of SMA - Updates **Jon Andoni Urtizberea** (Department of Myology, Centre de Référence Neuromusculaire, Hendaye Hôpital, Hendaye, France)	
14:20 - 14:40	Bulbospinal Syndromes **Reza Boostani** (Department of Neurology, Associated Professor, Mashhad University of Medical Sciences, Mashhad, Iran)	
14:40 - 15:00	Genetic Approach to CMT **Hormoz Ayromlou** (Department of Neurology, Professor, Tabriz University of Medical Sciences, Tabriz, Iran)	
15:00 - 15:20	Myotonioc Dystrophy I, A trinuscleotid expansion genetic disease **Mohammad Yazdchi** (Tabriz University of Medical Sciences, Department of Neurology, Tabriz, Iran)	

Wednesday, February 21, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
15:20 - 15:40	Genetic basis of Mitochondrial Myopathies **Fariba Zemorshidi** (Department of Neurology, Assistant Professor, Mashhad University of Medical Sciences, Mashhad, Iran)	
15:40 - 16:00	Causative gene discovery of rare Mendelian disorders in neurogenetics: A 3-year cohort study **Ehsan Ghayoor Karimiani** (Department of Genetics, Razavi Hospital, Mashhad, Iran)	
16:00 - 16:30	Coffee Break	
16:30 - 17:50	**Plenary Session 3: Complex Neurological Diseases** Session Chairs: Mohammad Taghi Farzadfard, Afsaneh Najafi, Mohammad Ali Khalilifar, Mojtaba Asadi	**Poster Session 2** • **Complex neurogenetic diseases**
16:30 - 16:50	Clinical, Enzymatic, and Molecular Diagnosis of Mucopolysaccharidoses (MPSs) in Iran **Yousef Shafeghati** (Medical Genetics Department, Sarem Women Hospital)	
16:50 - 17:10	Genetic basis of stroke in Iran **Ariane Sadr-Nabavi** (Department of Genetics, Mashhad University of Medical Sciences, Mashhad, Iran)	
17:10 - 17:30	The role of genetics in RTLS **Fariborz Rezaeetalab** (Department of Neurology, Mashhad University of Medical Sciences, Mashhad, Iran)	
17:30 - 17:50	Update on Movement Disorders' Genetics **Ali Shoeibi** (Department of Neurology, Associated Professor, Mashhad University of Medical Sciences, Mashhad, Iran)	

Thursday, February 22, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
08:00 - 10:00	**Plenary Session 1: Genetic Basis of Neuromuscular Disorders (II)** Session Chairs: Mahmoud Abedini, Mohammad Amin Kerachian, Shahriar Nafisie, Mohammad Shariati	**Poster Session 1** • **Genetic basis of neuromuscular disorders** • **New genetic approaches for treatment of neurological disorders**
08:00 - 08:20	Latest Development in SMA: Therapeutic Viewpoints **Jon Andoni Urtizberea** (Department of Myology, Centre de Référence Neuromusculaire, Hendaye Hôpital, Hendaye, France)	
08:20 - 08:40	Common distal Myopathies in Iran **Shahriar Nafisi** (Department of Neurology, Professor, Tehran University of Medical Sciences, Tehran, Iran)	
08:40 - 09:00	Muscle biopsy indications in new genetic era **Yalda Nilipour** (Department of Pathology, Assistant Professor, Shahid Beheshti University of Medical Sciences, Tehran, Iran)	
09:00 - 09:20	Congenital Myasthenic Syndromes (CMS): genetic vs clinical aspects **Keyvan Basiri** (Department of Neurology, Associated Professor, Isfahan University of Medical Sciences, Isfahan, Iran)	
09:20 - 09:40	FSHD: Genotype Phenotype correlation **Farzad Fatehi** (Department of Neurology, Assistant Professor, Tehran University of Medical Sciences, Tehran, Iran)	
09:40 - 10:00	Muscular dystrophy with CHKB mutation, a unique disease, clinical and pathological spectrum with Iranian experience **Yalda Nilipour** (Department of Pathology, Assistant Professor, Shahid Beheshti University of Medical Sciences, Tehran, Iran)	
10:00 - 10:30	Coffee Break	

Thursday, February 22, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
10:30 - 12:30	**Plenary Session 2: New Genetic Approaches of Neurological Disorders** Session Chairs: Mohsen Azimi Nezhad, Zeinab Ravesh, Habibollah Nemati Karimouei, Ebrahim Poorakbar	**Poster Session 1** • **Genetic basis of neuromuscular disorders** • **New genetic approaches for treatment of neurological disorders**
10:30 - 10:50	New Approaches for diagnostic of LGMD **Sirous Zeinali** (Biotechnology Research Center, Department of Molecular Medicine, Pasteur Institute of Iran, Tehran, Iran)	
10:50 - 11:10	Neurologic cancer and personalized medicine **Mohammad Reza Abbaszadegan** (Department of Genetics, Mashhad University of Medical Sciences, Mashhad, Iran)	
11:10 - 11:30	Trace elements, neurodegeneration and environmental genetics **Seyed Mohammad Akrami** (Department of Genetics, Tehran University of Medical Sciences, Tehran, Iran)	
11:30 - 11:50	Approaches in Genetic testing in Autism Spectrum Disorder (ASD): Applications of Copy Number Variation (CNV) analysis and Next Generation Sequencing (NGS), in some Iranian Patients with ASD **Farkhondeh Behjati** (Department of Genetics,University of Social Welfare and Rehabilitation Sciences, Tehran, Iran)	
11:50 - 12:10	Identification of common mutations on the NF-kB and its inhibitor gene promoters in patients with Multiple Sclerosis **Seyed Alireza Mesbah-Namin** (Department of Clinical Biochemistry, Faculty of Medical Science, Tarbiat Modares University, Tehran, Iran)	
12:10 - 14:00	Prayer and Lunch Break	

Thursday, February 22, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
14:00 - 16:00	**Plenary Session 3: Pediatric Neurogenetics** Session Chairs: Tayebeh Hamzehloei, Faezeh Mojahedi, Azizollah Hatami, Sajad Sahab	**Poster Session 2** • **New genetic approaches for treatment of neurological disorders** • **Pediatric neurogenetics & neurometabolics**
14:00 - 14:20	X Linked Mental Retardation **Farah Ashrafzadeh** (Department of Pediatric Neurology, Mashhad University of Medical Sciences, Mashhad, Iran)	
14:20 - 14:40	Childhood leukodystrophies **Mahmoud Reza Ashrafi** (Department of Pediatric Neurology Division , Growth and Development Research Center, Children's Medical Center, Tehran University of Medical Sciences)	
14:40 - 15:00	SMA genetic and clinicalapproaches in pediatric neurologic diseases **Javad Akhoondian** (Department of Pediatric Neurology, Mashhad University of Medical Sciences, Mashhad, Iran)	
15:00 - 15:20	Neurometabolic diseases **Rahim Vakili** (Department of Pediatric Endocrinology and Metabolism, Mashhad University of Medical Sciences, Mashhad, Iran)	
15:20 - 15:40	Neurogeneticcases in pediatric diseases **Mehran Beiraghi Toosi** (Department of Pediatric Neurology, Mashhad University of Medical Sciences, Mashhad, Iran)	
15:40 - 16:00	Personalized medicine in Pediatric neurogenetics **Seyed Massoud Houshmand** (Department of Genetics, National Institute of Genetic Engineering and Biotechnology, Tehran, Iran)	
16:00 - 16:30	Coffee Break	

Thursday, February 22, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
16:30 - 18:00	**Oral Presentation Session: News in Neurogenetics** Session Chairs: Hekmat Khalilifar, Moeen Farshchian, Farhad Khadivi Zand, Mahtab Dastpak	**Poster Session 2** • **New genetic approaches for treatment of neurological disorders** • **Pediatric neurogenetics & neurometabolics**
16:30 - 16:45	Study of the causes and prevalence of floppy baby syndrome in Shariati hospital in Isfahan **Shahnaz Semsarzadeh** (Pediatrics, Assistant Professor, Faculty of Medicine, Islamic Azad University, Isfahan, Iran)	
16:45 - 17:00	Ulrich muscular dystrophy 3 case in one family in Kerman **Afsaneh Sahebalzamani** (Pediatrics, Kerman Welfare Organization, Kerman, Iran)	
17:00 - 17:15	An introduction to clinical and diagnostic genetic management of neuromuscular disorders **Mohammad Ehsan Jaripour** (Genetics, ACECR of Khorasan Razavi, Mashhad, Iran)	
17:15 - 17:30	Candidate genes involved in coffin-siris syndrome **Mohammad Yahya Vahidi Mehrjardi** (Genetics, Shahid Sadoughi University of Medical Sciences, Yazd, Iran)	
17:30 - 17:45	Whole exome sequencing in heritable white matter disorders in children **Alireza Tavasoli** (Pediatric Neurology, Assistant Professor, Tehran University of Medical Sciences, Tehran, Iran)	
17:45 - 18:00	Occurrence of Congenital Anomalies in Iran: A Nationwide Report **Saeed Dastgiri** (Ministry of Health, Tehran, Iran)	

Friday, February 23, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
08:00 - 10:00	**Plenary Session 1: Genetic Basis of Epilepsy** Session Chairs: Kavian Ghandehari, Mohsen Aghaei Hakak, Mehran Homam, Alireza Ashtiani	**Poster Session** • **Genetic basis of epilepsy** • **Clinical genetics of rare neurological syndromes** • **Personalized medicine in neurogenetics**
08:00 - 08:25	Genetic animal models of epilepsy: a unique resource for the investigation of novel treatment **Ali Gorji** (Department of Neuroscience, Westfälische Wilhelm-Universität, Münster, Germany)	
08:25 - 08:50	Genetic causes of epilepsy: (I) idiopathic generalized epilepsies **Christoph Kellinghaus** (Department of Neurology, Epilepsy Center Münster-Osnabrück and University of Münster, Germany)	
08:50 - 09:15	Genetic causes of epilepsy: (II) monogenetic epileptic disorders **Gabriel Möddel** (Department of Neurology, Münster University Clinic, Münster, Germany)	
09:15 - 09:40	Genetic causes of epilepsy: (III) **Maryam Khaleghi Ghadiri** (University of Münster, Münster, Germany)	
09:40 - 10:00	Genetics in epilepsy **Reza Shervin Badv** (Department of Pediatric Neurologist and Epileptologist, Children's Medical Center, Pediatrics Center of Excellence, Tehran University of Medical Sciences)	
10:00 - 10:30	Coffee Break	
10:30 - 12:10	**Plenary Session 2: Clinical Genetics of Neurological Syndromes** Session Chairs: Morteza Saeidi, Behnaz Sedighi, Alireza Pasdar, Mohammadreza Najafi	**Poster Session** • **Genetic basis of epilepsy** • **Clinical genetics of rare neurological syndromes** • **Personalized medicine in neurogenetics**

Friday, February 23, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
10:30 - 10:50	Genetics of MS **Masoud Etemadifar** (Professor of Neurology, MS Fellow, Isfahan University of Medical Sciences, Isfahan, Iran)	
10:50 - 11:10	Treatment personalization in multiple sclerosis **Mohammad Baghbanian** (Faculty of Medicine ,Mazandaran University of Medical Sciences, , Sari, Iran)	
11:10 - 11:30	Genetic use in differential diagnosis of multiple sclerosis **Mohammad Ali Nahayati** (Department of Neurology,Mashhad University of Medical Sciences, Mashhad, Iran)	
11:30 - 11:50	A Clinical and molecular Genetic study of 50 families with Parkinson Disease (PD) In Iran **Ahmad Chitsaz** (Department of Neurology, Isfahan University of Medical Sciences, Isfahan, Iran)	
11:50 - 12:10	Psychiatry of Neurological Syndromes **Ali Talaei** (Mashhad University of Medical Sciences, Psychiatry and Behavioral Sciences Research Center)	
12:10 - 14:00	Prayer and Lunch Break	
14:00 - 16:00	**Oral Presentation Session: Special Diseases** Session Chairs: Samira Aminzadeh, Alireza Al Hashemi, Kolsoum Saeidi, Hasan Abbasi	**Poster Session** • **Genetic basis of epilepsy** • **Clinical genetics of rare neurological syndromes** • **Personalized medicine in neurogenetics**
14:00 - 14:20	TOR1A variants cause a severe arthrogryposis with developmental delay, strabismus and tremor **Ariana Kariminejad** (Kariminejad-Najmabadi Genetic Lab, Tehran, Iran)	
14:20 - 14:40	Applications of comparative genomic hybridization **Roxana Kariminejad** (Genetics, Kariminejad- Najmabadi Genetic Lab, Tehran, Iran)	

Friday, February 23, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
14:40 - 15:00	Genetic Counseling in Special Neurogenetic Diseases **Narges Zhian Abed** (Genetic Counseling Center, Pardis Clinical and Genetic Laboratory, Mashhad, Iran)	
15:00 - 15:20	New paradigms in gene-based therapy for spinal muscular atrophy (SMA) **Hamid Reza Bidkhori** (Stem Cells and Regenerative Medicine Research Department, Academic Center for Education, Culture and Research (ACECR), Mashhad, Iran)	
15:20 - 15:40	Gene mutation in Leukodystrophy **Seyed Mohammad Seyed Hassani** (Yazd, Iran)	
15:40 - 16:00	The relationship between neurogenetics and music **Ladan Majidinia** (Department of Biology, Faculty of Genetic, University of Rasht, Rasht, Iran)	
16:00 - 16:30	Coffee Break	
16:30 - 17:30	**Oral Presentation Session** Session Chairs: Mohammad Reza Hedayati Moghaddam, Masoumeh Nazeri, Mahmoud Shekari Khaniani, Majid Mojarad	**Poster Session** • **Genetic basis of epilepsy** • **Clinical genetics of rare neurological syndromes** • **Personalized medicine in neurogenetics**
16:30 - 16:40	Neurodegeneration with Brain Iron Accumulation Disorders (NBIA), overview and report of five cases (clinical, molecular and neuroimaging) **Omid Aryani** (Department of Neuroscience, Iran University of Medical Sciences, Tehran, Iran)	
16:40 - 16:50	Assessing risk loci of late-onset Alzheimer's disease in north-western Iran **Maryam Rezazadeh** (Department of Medical Genetics, Tabriz University of Medical Sciences, Tabriz, Iran)	

Friday, February 23, 2018		
	Plenary and Oral Presentation Sessions	Poster Sessions
16:50 - 17:00	The controversial role of serotonin transporter gene (SLC6A4) in the autism spectrum disorders **Sima Mansouri Derakhshan** (Department of Medical Genetics, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran)	
17:00 - 17:10	Platelet rich plasma promotes neuronal repair in a rat model of spinal cord injury **Hamid R. Sadeghnia** (Department of Pharmacology, Department of Modern Sciences and Technologies, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran)	
17:10 - 17:20	S1PR1 gene polymorphism and IL-17 levels in Iranian Multiple Sclerosis patients treated with Fingolimod **Nasrin Moheghi** (Department of Medical Genetics, Faculty of Medicine, St. George's University of London, London, UK)	
17:20 - 17:30	Role of microRNAs in HTLV-1 infection **Zohreh Vahidi** (HTLV-1 Foundation, Mashhad University of Medical Sciences, Mashhad, Iran)	
17:30 - 18:30	**Closing Ceremony**	