



**4<sup>TH</sup> NEUROLOGICAL DISORDERS  
SUMMIT**

**July 23 - 25, 2018**

**Venue**

**Four Points by Sheraton**  
Los Angeles International Airport  
9750 Airport Boulevard, Los Angeles, CA 90045, United States

**Exhibitor**



**Book Your Slots**

**23-Jul**

*Registrations & Inauguration*

**KEYNOTE TALKS**

**Brain Dynamics of Normal and Abnormal Learning, Memory, and Cognition with Applications to Alzheimer's Disease, Amnesia, Autism, and Neglect**

*Stephen Grossberg, Boston University, USA*

**Deregulation of Cytoskeletal Protein Phosphorylation and Neurodegeneration**

*Harish C. Pant, NIH/NINDS, USA*

**Guaranteed to Show You How to Successfully Re-invent Yourself**

*John M Baumann, University of Louisville, USA*

**TBA**

*Jin Jun Luo, Temple University, USA*

**Coffee Break**

**GENERAL SESSION**

**Brain-Machine Interface – The Turning Point for the Future Medicine**

*Jung Hwan Kim, National Rehabilitation Center Ministry of Health and Welfare, Republic of Korea*

**The Dementia Care in Hospitals Program**

*Mark Yates, Ballarat Health Services, Australia*

**Lunch Break**

**Room A**

**Session 1**

**Neurological Disorders: Symptomatology, Pathophysiology and Etiology**  
**Diagnostics of Neurological Disorders: Neuroimaging, Biomarkers and Laboratory Studies**

**Neurological Disease Tracking and Fingerprinting Through Fine-Motor Keyboard Typing Rhythms**

*Roy Maxion, Carnegie Mellon University, USA*

**Ambient Artificial Illumination: Neurological Disorders Friend or Foe**

*Deborah Burnett, Benya Burnett Consultancy, USA*

**A Comparative Study of Potential Ligands to the Homology Model of Human Alpha2 Adrenoceptor**

*Anna Grigoryan, Yerevan State Medical University, Armenia*

**The Role of Neuropeptide Family in Inflammatory Bowel Disease**

*Magdy El-Salhy, University of Bergen, Norway*

**Advanced Neuroimaging of Carbon Monoxide Poisoning**

*Marco Varrassi, Italy*

**Growth, Physical and Pubertal Development of Children with Stimulant Treated Attention Deficit Hyperactivity Disorder (ADHD)**

*Alison Poulton, University of Sydney, Australia*

**X-ray Phase Contrast Tomography Reveals Early Vascular Alterations and Neuronal Loss in Neurological Disorders**

**A Non-Contact Sleep Monitoring System**

*Sung Ho Cho, Hanyang University, South Korea*

**Masseter Botulinum Toxin Injection Complications-Recognition and Prevention**

*Hsien-Li Peter Peng, P-Skin Professional Clinic, Taiwan*

**Fahr's Syndrome Associated with Multiple Intracranial Aneurysms**

*Umit Eroglu, Ankara University School of Medicine, Turkey*

**Neurocysticercosis in Children with Seizures- A Cross-Sectional Study**

*Nagendra Chaudhary, Universal College of Medical Sciences, Nepal*

**Validation of Small Molecules of Natural Origin as Potential Acetylcholinesterase Inhibitors and Neuroprotective Agents: Computational Screening and Experimental Validation**

*Tiratha Raj Singh, Jaypee University of Information Technology, India*

**The Role of Toll-Like Receptors in Pain Control**

*Parisa Sezari, Shahid Beheshti University of Medical Sciences, Iran*

**Neuroleukemiosis: Two Case Reports**

*Shehzad Khalid, Seattle Science Foundation, USA*

**Life and Vision Threatening Headaches - Simple Diagnostic Tips (A New Red Flag Mnemonic)**

*M. V. Francis, TEMC Cherthla, India*

**Coffee Break**

**Session 2**

**Parkinson's Disease and other Movement Disorders  
Neuromuscular Disorders and Peripheral Neuropathies**

**Role of the Microtubule-Associated TPPP/p25 in Parkinson's and Related Diseases and its Therapeutic Potential**

*Judit Olah, Hungarian Academy of Sciences, Hungary*

**Retinal Lesions in Genetic Neuromuscular Diseases (DM1, FSHD, and DMD): Review and Potential Experimental/Clinical Applications**

*Tuy-Nga Brignol, The French Muscular Dystrophy Association (AFM-Telethon), France*

**Neurophysiological Features of Restless Leg Syndrome in Parkinson's Disease**

*Olga Alenikova, State Institution(Republican Scientific and Practical Center of Neurology and Neurosurgery), Belarus*

**The Phenotype of Idiopathic Parkinson's Disease in Populations of African Origin**

*Marcelle Smith, University of the Witwatersrand, South Africa*

**NGF-Dependent Axon Growth and Regeneration are Altered In Sympathetic Neurons Of Dystrophic mdx Mice**

*Maria Egle De Stefano, Sapienza Univeristy of Rome, Italy*

**Multiple-Target Stimulation in Hemidystonia for Greater Outcome**

*Victor Goulenko, Paulo Niemeyer State Brain Institute, Brazil*

**MicroRNA and Transcription Factors: Key Players in Dopamine Neuron Network**

*Jayshree Nellore, Sathyabama University, India*

**Dance and Equine-Assisted Therapy in Autism Spectrum Disorder: A Blinded Randomized Clinical Trial**

*Lavinia Teixeira-Machado, Federal University of Sergipe, Brazil*

**Insights into the Understanding of Parkinson's Disease and their Implications for Treatment**

*Janusz Blaszczyk, Nencki Institute of Experimental Biology Warsaw, Poland*

**Effects of Health Qigong Exercises on Reducing Symptoms of Parkinson's Disease**

*Xiao Lei Liu, Beijing Sports University, P.R. China*

*Shihui Chen, Texas A&M University Texarkana, USA*

**Multiplex Ligation Dependent Probe Amplification Based Mutation Analysis of Dystrophin Gene in Nepalese Patients with Duchenne Muscular Dystrophy**

*Rohit Kumar Pokharel, Tribhuvan University, Nepal*

**Study on the Mechanism of Matrine Antipruritic**

*Zongxiang Tang, Nanjing University of Chinese Medicine, China*

**Instruction Prioritization in Task-based Balance Training for Individuals with Idiopathic Parkinson's Disease**

*Ganeswararao Melam, King Saud University, Riyadh*

**Role of mir-149 in Severity of the CMT1A Disorder in Context of Onst and FDS**

*Sumaira Kanwal, COMSATS Sahiwal, Pakistan*

**Upholding Nerve Integrity by Metabolic Signaling in Schwann Cells**

*Bogdan Beirowski, Hunter James Kelly Research Institute, USA*

**Room B**

**Session 3**

**Neurological Disorders: Prevention, Treatments and Rehabilitation**

**A Novel Pharmacological Approach to Treating Tinnitus-Inducing Neuropathy**

*Richard D. Kopke, Hough Ear Institute, USA*

**Phenomenology of Misophonia, A Conditioned Aversive Reflex Disorder**

*Thomas Dozier, Misophonia Institute, USA*

**Effects of Music Production on Cortical Plasticity: Evidence of Structural and Functional Reorganization of Neural Networks**

*Berit Marie Dykesteen Vik, University of Bergen, Norway*

**Specific Effects of Cardiovascular, Respiratory and Neurocognitive Disorders and Anti-Hypertensive Treatment in Truly Elderly**

*Jadwiga Attier-Zmudka, General Hospital, France*

**Therapeutic Effect of CyberKnife Radiosurgery for Huge Cavernous Sinus Cavernous Hemangioma**

*Pan Long-sheng, PLA General Hospital, China*

**How to Rapid and Efficient Obtaining Human Neural Stem Cells from Human Embryonic Stem Cells for Cell Therapy?**

*Xinxin Han, Fudan University, China*

**Evaluate the Effects of Fluid Loading on Hemodynamics and Cerebral Perfusion(CPP)in Different Grades of Intra-Abdominal Pressure(IAP)**

*Qi Hui, Nanjing University Medical School, China*

**The Effects of “Bias Based Bullying” (BBB) on Health, Education, and Cognitivesocial-Emotional Outcomes in Children with Minority Backgrounds: Comprehensive Public Health Intervention Solutions**

*Lori Maria Walton, University of Sharjah, United Arab Emirates*

**Organization of the Primary Motor Cortex in Individuals with Spinal Cord Injury; Implications for Rehabilitation**

*Aimee J Nelson, McMaster University, Canada*

**Percutaneous Endoscopic Transpedicle Approach for Herniated Nucleus Pulposus in the Lumbar Hidden Zone**

*Hao Pan, Zhejiang Traditional Chinese Medicine University, China*

**Coffee Break**

**Need for Palliative Care for Neurological Diseases**

*Daniela Tarquini , SIN Study Group Bioethics and PC, Italy*

**Nociceptor PKC Isoforms Differentially Mediate Paclitaxel-induced Spontaneous and Evoked Pain**

*Z Jim Wang, University of Illinois, USA*

**I Can Literally Do This Blindfolded: The Blindfolded Code Training Simulation Exercise**

*Patrick Hughes, Florida Atlantic University, USA*

**Towards a Curative Treatment for Multiple Sclerosis: A Modified View of Transfer RNA**

*Vincent P Kelly, Trinity College Dublin, Ireland*

**Cognitive and Neurologic Outcome after Hypothermia Treatment for Perinatal Asphyxia**

*Corine Koopman-Esseboom, University Medical Center Utrecht, The Netherlands*

**Improving Cardiovascular Health in an Individual with Spinal Cord Injury in a Clinical Setting**

*Marie Vazquez Morgan, LSU Health Shreveport, USA*

**24-Jul**

**KEYNOTE TALKS**

**TBA**

*Howard J Federoff, University of California, Irvine, USA*

**Reward Deficiency Spectrum: From Personality Traits to Neuropsychopathology**

*Igor Elman, Wright State University, USA*

**TBA**

*Rajendra Badgaiyan, Wright State University, USA*

TBA

*Kenneth Blum, University of Florida, USA*

## Coffee Break

ROOM A

Session 4

*Alzheimer's Disease, Dementia and Mild Cognitive Impairment*

### **Sensory E-Textiles and Playful Objects: Designing for Advanced Dementia Care**

*Cathy Treadaway, Cardiff Metropolitan University, UK*

### **n-3 PUFA Combined with an Antioxidant in Prevention of Cognitive Decline**

*Bernard Dzumaga, QPHARMA, Poland*

### **In the Search of Universal Cognitive Algorithms**

*Alexander Serov, Research Group of Automatic Intelligent Data Acquisition, Russian Federation*

### **Translational Profiling Identifies Candidate Molecular Pathways Underlying Cholinergic Neuron Impairment in a Mouse Model of Alzheimer's Disease**

*Paul M McKeever, University of Toronto, Canada*

### **Modulation of Brain Homeostasis by Transcription Factor NRF2 and Impact in Alzheimer's Disease**

*Ana I Rojo, Autonomous University of Madrid, Spain*

### **Embodiment in Reading Comprehension**

*Susana Sanchez, Temple University Japan Campus, Japan*

### **Effects of Ectoine, Herbal Compound (Rosa Canina, Tanacetum Vulgare and Urtica Dioica) and Melilotus Officinalis on Behavior and Expression of Alzheimer's Disease Related**

*Niloofer, University of Social Welfare and Rehabilitation Sciences, Iran*

### **Silver Nanoparticles Exhibit Surface Charge-Dependent and Dose-Dependent Neurotoxicity in Neurons and Astrocyte Network Derived from Human Embryonic Stem Cells: A Model for Alzheimer's Disease**

*Yiling Hong, Western University of Health Sciences, USA*

### **Effects of Cosmetic Therapy on the Prefrontal Cortex activity and Cognitive Function of Elderly Women: Near Infrared Spectroscopy Study**

*Kaoru Sakatani, Nihon University, Japan*

### **The Role of Hyperammonaemia in Bioenergetic and Inflammatory Responses of Astroglial Cells**

*Aida Adlimoghaddam, St. Boniface Hospital Research, Canada*

### **Mild Cognitive Impairment (MCI) in Georgia: Characteristics and Risk Factors**

*Marina Janelidze, Tbilisi State Medical University, Georgia*

### **Comparative Genomics of Co-Morbidities Among Alzheimer's and other Neurological Disorders**

*Shin Murakami, Touro University California, USA*

### **Palmitate Increases $\beta$ -site APP-Cleavage Enzyme 1 (BACE1) Activity and Amyloid Beta Genesis by Evoking SREBP1 Expression and Activation**

*Othman Ghribi, University of North Dakota, USA*

**Decrease in CD10 (NEP) Expression in Non-Alzheimer's Dementia Patients after SB Cells® Treatment**

*James Wang, StemBios Technologies, Inc., USA*

**Histogenous Hypoxia in Depression: A Cross-Sectional Paired Study into Venous Blood Gases in Outpatients with Depression**

*Zhimin Yang, Guangdong Provincial Hospital of Traditional Chinese Medicine, China*

**Cognitive Development in Breast Cancer Patients Treated with Chemotherapy**

*Jasmin Bonilla Santos, Universidad Cooperativa de Colombia, Colombia*

**Lunch Break**

**Session 5**

**Autism and Neurodevelopmental Disorders**

**Diagnosis and Prevention of Autism at Birth**

*Gary Steinman, Touro University College of Osteopathic Medicine, USA*

**Dopamine Antagonists in Autism Spectrum Disorders: Review and Focus on BDNF Stimulators Loxapine and Amitriptyline**

*Jessica A. Hellings, University of Missouri-Kansas City, USA*

**Overlapping and Distinct Synaptic Defects of Striatonigral vs Striatopallidal Neurons in Shank3 Mutant Mouse Model of Autism**

*Zhanyan Fu, Broad Institute of MIT and Harvard, USA*

**Personalized Machine Learning for Future Autism Therapy**

*Ognjen (Oggi) Rudovic, MIT Media Lab, USA*

**Sensory Processing in Neurodevelopmental Disorders – An Opportunity for a Translational Approach?**

*Susanne Schmid, The University of Western Ontario, Canada*

**Developing Mobile Applications for Assisting Children with Autism: Innovative Solutions for Users, Families and Clinical Staff**

*Marco Esposito, Autism Research and Treatment Centre, Italy*

**Targeting Aberrant Cl- Homeostasis and GABAergic Transmission in Down Syndrome to Design Innovative Therapeutic Approaches**

*Laura Cancedda, Fondazione Istituto Italiano di Tecnologia, Italy*

**The Differential Diagnostic of Idiopathic Toe Walking**

*H.C.David Pomarino, Praxis Pomarino, Germany*

**Identification of Autism Spectrum Disorders in Day-Care Centres**

*Kenneth Larsen, Oslo University Hospital, Norway*

**Efficiency of High-Dose i/v Immunoglobulin Therapy in Children with Autism Spectrum Disorders Associated with Genetic Deficiency of Folate Cycle Enzymes**

*Dmytro Maltsev, National Medical O'Bogomolets University, Ukraine*

**Responses to Bilingualism of Vietnamese Children with Autism Spectrum Disorders**

*Mai Thanh Nguyen, Vietnamese American School System, Viet Nam*

**Neurodevelopmental Disorders and Stigma in Early Childhood with Down Syndrome: Observations from a Thai Sample**

*Donald S. Persons, Mahidol University, Thailand*

**Language Development in Children with Autism in Immigrant Families**

*Elizabeth Ijalba, City University of New York, USA*

**Depressive Symptoms and their Correlates in Parents of Children with Autism Spectrum Disorders**

*Yasong Du, Shanghai Jiaotong University, China*

**Intracellular Injection of Brain Extracts from AD Patients into Xenopus Oocytes Evokes Ca<sup>2+</sup> Release from Intracellular Stores**

*Anaelo Demuro, University of California, USA*

**Pedometer-Determined Physical Activity Levels of Healthy Children and Children with Down's Syndrome**

*Adel Abdullah Alhusaini, King Saud University, Saudi Arabia*

**Autism and Interoception: A Fragmented Internal World**

*Timothy R Hatfield, The Australian National University, Australia*

**Guanabenz does not Affect the Survival of SOD1 G93A Mice When Administered After the Onset of Disease**

*Hongquan Jiang, The First Affiliated Hospital of Harbin Medical University, China*

**Screening Hand-Eye Coordination Deficit using a Video Game**

*Hadi Moradi, University of Tehran, Iran*

**Motor and Psychosocial Development in Children with ASD Through Soccer**

*Alberto Cei, San Raffaele University, Italy*

**Evidence of Similar Symptoms in ABA Recipients and PTSD Patients**

*Henny Kupferstein, HennyK.com, USA*

**Development of Conceptual Relational Nodes in Students with Autistic Spectrum Disorder**

*Manuel Ojea Rúa, University of Vigo, Spain*

**Pupillometry as a Method for Examining Phenotype in ASD: Latency to Constriction Discriminates ASD From Typically Developing Adolescents**

*Georgina Lynch, Washington State University, USA*

**Dance and Equine-Assisted Therapy in Autism Spectrum Disorder: A Blinded Randomized Clinical Trial**

*Lavinia Teixeira-Machado, Federal University of Sergipe, Brazil*

**Coffee Break**

**ROOM B**

**Session 6**

**Advances in Stroke Management**

**Stroke: Prevention, Treatment and Recovery**



**Deep Learning Based Risk Assessment and Stenosis Measurement in Common Carotid Artery**

*Jasjit S. Suri, Global Biomedical Technologies Inc., USA*

**Granulocyte Colony Stimulating Factor (GCSF) Gene Therapy in Stroke and Alzheimer's Disease Model**

*Jang-Yen Wu, Florida Atlantic University, USA*

**Individualized Noninvasive Neuromodulation in Cognitive Rehabilitation after Stroke**

*Alexander T. Sack, Maastricht University, Netherland*

*Teresa Schuhmann, Maastricht University, Netherland*

**Effects of Stroke Unit Care in Acute Ischemic Stroke Patient Ineligible for Thrombolytic Treatment**

*Kiatsak Rajborirug, Hat Yai Hospital, Thailand*

**Neuromender: A Serious Game Designed Upper Limb Rehabilitation in the Home**

*Robert Herne, Murdoch University, Australia*

**Enriched Environment Improves Post-Stroke Cognitive Impairment in Mice by Potential Regulation of Acetylation Homeostasis in Cholinergic Circuits**

*Xin Wang, Northern Jiangsu People's Hospital, China*

**Upper Limb Recovery in Aphasic Patients after Stroke: A Theory**

*Deanna Anderlini, University of Queensland, Australia*

**Lunch Break**

**Successful Medical Treatment of Bivalvular Infective Endocarditis Complicated with Young Stroke**

*Li-Hsiang Chen, Kaohsiung Armed Forces General Hospital, Taiwan*

**Cerebral Embolic Ischemic Stroke**

*Iroegbu Chukwuemeka Daniel, The Affiliated Hospital of Xuzhou Medical University, China*

**Improved Stroke Risk Stratification by Fusion of Two Machine Learning Systems Derived from Multiple Sources of Carotid Artery**

*Jasjit S Suri, Atheropoint, USA*

**Validation of InstaDx, a Clinical Decision Support Tool Information Technology Based Application for Ischemic Stroke Sub-type Diagnosis**

*Saadia Sattar, , Pakistan*

**Spontaneous Resolution of Venous Aneurysms After Transarterial Embolization of a Variant Superior Sagittal Sinus Dural Arteriovenous Fistula**

*Weizheng Song, The Fifth People's Hospital of Chengdu, China*

**Aortic and Pulmonary Endocarditis with Hemorrhagic Stroke Complication: Which is the Ideal Surgical Time?**

*Adrian Narvaez Munoz, University Hospital Complex of Santiago de Compostela, Spain*

**Pre-Ischemia Melatonin Treatment Alleviated Acute Neuronal Injury After Ischemic Stroke by Inhibiting Endoplasmic Reticulum Stress-Dependent Autophagy via PERK and IRE1 Signalings**

*Dong Yushu,*

**Coffee Break**

*Session 7*

*Neurotrauma, Neuroinflammation, Neurobehavioral Disorders and Neuro-immune Diseases*

**Screening for Schizophrenia in Recruits, Active Duty Soldiers and Veterans: Can We Do a Better Job?**

*Mark B. Detweiler, Veterans Affairs Medical Center, USA*

**Lysosomal Damage and Inhibition of Autophagy Contribute to Secondary Injury in Neurotrauma**

*Marta M Lipinski, University of Maryland, USA*

**Isolated Internuclear Ophthalmoplegia After Massive Supratentorial Epidural Hematoma: A Case Report and Review of Literature**

*Ko-Ting Chen, Saint Paul's Hospital, Taiwan*

**Poster Presentations (See Annexure)**

**25-Jul**

*Session 8*

*Migraine & Headache*

*Epilepsy/Neurodegeneration/ Multiple Sclerosis*

**Surgical Considerations of Intractable Mesial Temporal Lobe Epilepsy**

*Warren W. Boling, Loma Linda University, USA*

**Migraine Headache and Bipolar Disorder Comorbidity: A Systematic Review of the Literature and Clinical Implications**

*Joshna Singh, University at Buffalo, USA*

**The Relationships of Social Provisions and Social Support to Promoting Physical Activity Among People with Multiple Sclerosis**

*Chung-Yi Chiu, University of Illinois at Urbana-Champaign, USA*

**Experiences Related to Need for Support and Information When a parent is Diagnosed with Multiple Sclerosis – A Family Perspective**

*Katrin Boström, Region Örebro County, Sweden*

**How the Brain Keeps Seizures at Bay**

*Thomas J. Feuerstein, University of Freiburg, Freiburg, Germany*

**Botox® in Chronic Headache by a “United” Anatomical Regional Targeted (ART) Technique : Case-Based Introduction**

*Chachun Chen, Shin Kong Wu Ho-Su Memorial Hospital, Taiwan*

**Stereotactic Bilateral Transfrontal Minimal Radiofrequency Thermocoagulation of Amygdalohippocampal Complex for Bilateral Medial Temporal Lobe Epilepsy: A Retrospective Study of Twelve Patients**

*Quanjun Zhao, Stereotactic and Neurofunctional Center of The 306th Hospital of PLA. P.R. China, China*

**Coffee Break**

**Pregnancy with Meningioma: Report of Two Rare Cases**

*Anoosha K Ravi, Maulana Azad Medical College, India*

**Spinal Epidural Hematoma Related to Intracranial Hypotension**

*Tack Geun Cho, Hallym University Kangnam Sacred Heart Hospital, Korea*

**Treatment of Refractory Partial-Onset Epilepsy with Perampanel: Pharmaco-Economical Efficiency Analysis for Russian Federation Health Care System**

*Mazina Nadezhda, FEST LLC, Russian Federation*

**School Teachers' Knowledge about Epilepsy in Kathmandu Metropolitan City**

*Kishor Khanal, Kathmandu University School of Medical Sciences, Nepal*

**Spectrum of Drug Resistant Epilepsy Patients in Eastern Indian Sub-Continent in 2018**

*Joydeep Mukherjee, Nilratan Sircar Medical College & Hospital, India*

**Riboflavin has Neuroprotective Potential: Focus on Parkinson's Disease and Migraine**

*Eyad T. Marashly, King Faisal Specialist Hospital and Research Centre, Saudi Arabia*

**Predicting Epileptic Seizure: The Expectations and the Reality**

*Antonio Dourado, University of Coimbra, Portugal*

**Evaluation of the Expanded Disability Status Scale and the Multiple Sclerosis Functional Composite as Clinical Endpoints in Multiple Sclerosis Clinical Trials: Quantitative Meta-Analyses**

*Aseel Bin Sawad, MCPHS University, USA*

**Nasal Oxytocin for the Treatment of Chronic Migraine Headache**

*David C. Yeomans, Stanford University, USA*

**Common Primary and Secondary Causes of Headache in the Elderly**

*Tara L Sharma, Cleveland Clinic, USA*

**The Impact of Adjusted Work Conditions and Disease-Modifying Drugs on Work Ability in Multiple Sclerosis**

*Anne Wickstrom, Linköping University, Sweden*

**Neuro-Pharmacological Relevance of Ksheerabala Taila a Classical Ayurveda Formulation in Management of Epilepsy**

*Nimmy V S, Government Ayurveda College, India*

**Abnormalities of Diffusional Kurtosis Imaging and Regional Homogeneity in Idiopathic Generalized Epilepsy with Generalized Tonic-Clonic Seizures**

*Lyu Guiwen, Second People's Hospital of Shenzhen, China*

**Prevalence of Epilepsy in Podgorica, Montenegro**

*Sanja Vodopić, Clinical Centre of Montenegro, Montenegro*

**Characteristics of Headache After an Intracranial Endovascular Procedure: A Prospective Observational Study**

*Ruozhuo Liu, Chinese PLA General Hospital, China*

**The Effects of Mat Pilates and Reformer Pilates in Patients with Multiple Sclerosis: A Randomized Controlled Study**

*Ibrahim Bulquroğlu, Gazi University, Turkey*

**Understanding of Molecular Targets in Brain Following Streptozotocin Induced Diabetes**

*Devinder Dhawan, Panjab University, India*

**Vitamin B6 and Homocysteine Levels in Carbamazepine Treated Epilepsy of Khyber Pakhtunkhwa**

*Shakir Ullah, Khyber Medical University, Pakistan*

**Through Cerebral Spinal Fluid Brainstem Stimulation for Vegetative State Patients**

*Andrei Klimash, Russian Red Cross Dejazmach Balcha Hospital, Ethiopia*

**“Riding Life’s Seesaw: Finding Balance as an OTA Living with MS” Presentation**

*Alanna Veitch, University of Ontario Institute of Technology, Canada*

**Minimum 5 Year Follow-up of Multi-Segmental Lumbar Degenerative Disease Treated with Discectomy and the Wallis Interspinous Device**

*Yun-qi Jiang, Fudan University, China*

**New Decision Support Tools to Improve the Diagnosis of Epilepsy in Senegal**

*Ousmane Kouma, Ecole Supérieure Polytechnique, UCAD, Senegal*

**Combination of All Trans Retinoic Acid, Vitamin D3 and Docosahexaenoic Acid affect Cannabinoid Receptor 2 and MMP9 Gene Expressions and Plasma IFN $\gamma$  Level in Experimental Autoimmune Encephalomyelitis**

*Abbas Ebrahimi-Kalan, Tabriz University of Medical Sciences, Iran*

**How Is Sexual Dysfunction in Women with Multiple Sclerosis?**

*Faezeh Ghafoori, Tehran University of Medical Sciences, Iran*

**Lunch & Departures**

**ACCEPTED POSTER PRESENTATIONS**

**Maternal Mortality In Women With Epilepsy**

*Mary Holohan, Rotunda Hospital, Ireland*

*Roseann O Doherty, Rotunda Hospital, Ireland*

**Evaluation and Optimisation of In Silico Designed Sphingosine-1- Phosphate (S1P) Receptor Modulators for the Management of Multiple Sclerosis**

*Daphne H. Gusman, University of Malta, Malta*

*Ryan Vella, University of Malta, Malta*

**Therapeutic Effects of Combination Environmental Enrichment with Necrostatin-1 on Cognition Following Vascular Cognitive Impairment in Mice**

*Shehong Zhang, Fudan University, China*

**Pharmacological Evaluation of Apocynin for its Anti-Alzheimer's Activity**

*Sneha, Institute of Chemical Technology, India*

**Evaluation of Neuroprotective Effect of Ursolic Acid in Rotenone Induced Parkinson's Disease in Rats**

*Vaibhavi Peshattiwar, Institute of Chemical Technology, India*

**Nonconvulsive Status Epilepticus (NCSE) Presenting as Dissociative Fugue**

*Suellen Li, University of Chicago, USA*

**Treatment Outcomes in Children Diagnosed with Tic Disorders: A Retrospective Comparison between Behavioral Intervention and Pharmacotherapy**

*Katrina D Hermetet-Lindsay, Northeast Ohio Medical University, USA*

*Brooklyn Scherer, Walsh University, USA*

**The Influence of the Subcortical White Matter Hyperintensities to the Cognitive Patterns and their Changes in Normal Hospital Visited Elderly**

*Bon D. Ku, Catholic Kwandong University, South Korea*

**Glycosides of Cistancheregulate the Expression of ARP3 and NF- $\kappa$ B in the Rat Model of Vascular Dementia**

*Yanmei Zhang, Inner Mongolia Hospital, China*

**Association between Vitamin D Insufficiency and Metabolic Syndrome in Patients with Psychotic Disorders**

*Sung-Wan Kim, Chonnam National University Medical School, South Korea*

**Family Medical Intervention Model of Senile Dementia with Behavioral and Psychological Symptoms**

*Xuanxuan Chen, Shanghai Changning Mental Health Center, China*

**A Guide to Evidence-Based Interventions for Patients with Neurodegenerative Diseases**

*Jessica Hoang, Stanbridge University, USA*

**Finding Markers in Amyotrophic Lateral Sclerosis Diagnosis**

*Barbara Aymee, Cuban Neuroscience Center, Cuba*

**Development of Acute Motor Axonal Neuropathy in a Patient with Closed Head Injury**

*Xiujuan Wu, The First Hospital of Jilin University, China*

**LncRNA H19 Promotes Neuroinflammation in Ischemic Stroke by Driving HDAC1-Dependent M1 Microglial Polarization**

*Jue Wang, Shengjing Hospital, China*

**West Syndrome. Clinical Features, Therapeutics, Outcome and Prognosis**

*Ernesto Portuondo Barbarrosa, University Hospital Pediatric Center Havana, Cuba*

**Multidisciplinary Management of Sexual Dysfunction, Perineal Pain, and Elimination Dysfunction in a Woman with Multiple Sclerosis**

*Miletta Michela, Department of Obstetric and Gynaecology, ASL TO 4, Italy*

**Prevalence of Malocclusion in Individuals with and Without Intellectual Disability**

*Joana Cabrita, University of Lisbon, Portugal*

**Acupuncture for Insomnia after Stroke: A Systematic Review and Meta-Analysis**

*Sung Min Lim, National Rehabilitation Center, South Korea*

**Homocysteine Serum Levels and MTHFR C677T Genotype in Patients with Parkinson's Disease, with and without Levodopa Therapy**

*Eleonora Dzoljic, University of Belgrade, Yugoslavia*

**Chaotic Behavior of Spontaneous Speech Signals during Alzheimer's disease**

*Mahda Nasrolahzadeh, Hakim Sabzevari University, Iran*

**Clinically and Radiologically Isolated Syndrome Management: Retrospective Analysis**

*Marina Titova, Siberian State Medical University, Russia*

**Bowenwork for Migraine Relief – A Case Report**

*Sandra Gustafson, American Bowen Academy, USA*

**Prevalence of Bruxism in Individuals with Cerebral Palsy**

*Diana de Macedo, University of Lisbon, Portugal*

**Lentiviral Gene Transfer Altering Brain GAD65 or GABAA $\alpha$ 1 Modifies Audiogenic Seizure Activity in Long-Evans Rat**

*James R. Coleman, University of South Carolina, USA*

**Perception and Use of Balance Measures for Stroke Patients among Physical Therapists in South Korea**

*Ho Young Jang, Sahmyook University, Republic of Korea*

**Role of SCN1A and SCN2A Gene Polymorphisms in Epilepsy Syndromes-A Study from India**

*Musadiq Ahmad Bhat, Maulana Azad Medical College & Associated Hospitals, India*

**Association of GABAA Receptor Gene Polymorphisms with Juvenile Myoclonic Epilepsy (JME) and Lennox-Gastaut syndrome (LGS)**

*Sameer Ahmad Guru, Maulana Azad Medical College & Associated Hospitals, India*

**A Neurobehavioral Approach to Determine the Effects of Indoor Environmental Exposures Combining Temperatures and CO<sub>2</sub> Levels on Adult Female Students' Learning**

*Riham Jaber Ahmed, University College London (UCL), United Kingdom*

**Structural Equation Modeling on Health-related Quality of Life in Adults with Epilepsy**

*Jeong Ok Ko, Jeonbuk Science College, South Korea*

**Potential of Tadalafil, A Phosphodiesterase Inhibitor in Rat Model of Bilateral Common Carotid Artery Occlusion Induced Vascular Dementia**

*Pankaj Bhatia, Punjabi University, India*

**Specific MR-Imaging Features of Epileptogenic Tumors in Childhood**

*Khalilov V.S., Central Children Clinical Hospital of Federal Medical-Biological Agency, Russia*

**The Effects of Early Testosterone Exposure on Microglia in the Rat Cerebellum**

*Godwin tong, University of Glasgow, Scotland, UK*

**Risk Factors and Limb Exercise Tasks Mitigating the Progression of Mild Cognitive Impairment to Dementia: A Systematic Review and Meta-Analysis**

*Jiang Hao, Chinese University of Hong Kong, China*

**Effectiveness and Safety of Rufinamide at Treatment of Different Complicated and Drug-Resistant Epilepsy Syndromes (Real-World Practice Simulating Meta-Analysis Model)**

*Mazina Nadezhda, FEST LLC, Moscow, Russian Federation*

**Pharmacoeconomic Evaluation of Adjuvant Rufinamide Use for the Lennox-Gastaut Syndrome Treatment: Pragmatically-Integrated Independent Groups Meta-Analysis of Real World Practice**

*Mazina Nadezhda, FEST LLC, Moscow, Russian Federation*

**Recount of Former Data of Brain Positron Emission Tomography with 2-18F-2-deoxy-D-glucose of Patients with Dystonia and Essential Tremor by Means of Z – Score Method has Detected Differences between these Disorders**

*Belenky Vadim Viktorovich, St. Petersburg State Medical University, Russian Federation*

**It Started with Shingles: Lumbar-Onset Amyotrophic Lateral Sclerosis with Frontotemporal Dementia**

*Shayla Mena, Central Michigan University, USA*

**The Effects of Deep Abdominal Muscle Strengthening Exercises on Pulmonary Function and Balance Ability in Patients with Stroke**

*Beom Ryong Kim, Design Hospital, South Korea*

**Agmatine as a Therapeutic Candidate for the Hyperexcitation type of Brain Transmission in Autism Spectrum Disorders**

*Chan Young Shin, Konkuk University, South Korea*

**Cost-Effectiveness Analysis in the Management of Stroke**

*Raghavendra Kumar Gunda, Narasaraopeta Institute of Pharmaceutical Sciences, India*

**Transient Gerstmann Syndrome as Manifestation of Stroke – Case Report and Literature Review**

*Rafael Batista Joao, Hospital Municipal Doutor José de Carvalho Florence, Brazil*

**Modulating Neocortical Spatiotemporal Potassium Dynamics: Effects on Spreading Depression and Focal Seizures**

*Azin Ebrahim Amini, University of Toronto , Canada*

**A Novel Hinge Ankle Foot Orthosis for Gait Performance in Chronic Hemiplegic Stroke Survivors: A Feasibility Study**

*GyuChang Lee, Kyungnam University, Republic of Korea*

**Knowledge, Attitude and Preventive Practices Towards Stroke among Adults in an Urban, Mixed Income Area in Lagos State, NIGERIA**

*Opeoluwa Akinyemi, University of Lagos, Nigeria*

**The Effects of Treadmill Walking Combined with Obstacle-Crossing on Walking Ability in Ambulatory Patients after Stroke: A Pilot Randomized Controlled Trial**

*Yeon-Gyu Jeong, The Catholic University of Korea, Republic of Korea*

**Neurocognitive Intervention Targeting Components of Theory of Mind in Schoolage Children with Behavioral Disorders**

*Alfredis Gonzalez Hernandez, Universidad Surcolombiana, Colombia*

**The Study of Anacusic Learners in Acquiring English as a Foreign Language**

*Khoirul Huda, Darul Ulum Islamic University of Lamongan East Java, Indonesia*

**The Effect and Safety of Different Surgical Approaches for the Treatment of Medial Temporal Lobe Epilepsy**

*Jia Wang, Stereotactic and Neurofunctional Center of The 306th Hospital of PLA. P.R. China, China*

**Neurocognitive Intervention Targeting Components of Theory of Mind in Schoolage Children with Behavioral Disorders**

*Alfredis Gonzalez Hernandez, Universidad Surcolombiana, Colombia*

**Complications Associated with Carotid Body Tumor Excision**

*Ali Kemal Gür, Yuzuncu Yil University, Turkey*

**Quantification of Seizurogenic Activity with Multiwell Microelectrode Array Technology for Proconvulsant Risk Assessment**

*Joe Maffei, Axion BioSystems, USA*

**Spectrophotometric Assay for Monoamine Oxidase Activity with 2,4-dinitrophenylhydrazine as a Derivatized Reagent**

*Yu Yu, Chongqing Medical University, China*

\*This is a tentative program for the summit and is subjected to change without any prior notice