



**4TH 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



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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

Mitochondrial Myopathy

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

Can Brain MRI be Performed during Therapeutic Hypothermia?

Marisa Pacella, University of Florida, 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

Alessia Cedola, Institute of Nanotechnology- CNR, Italy

A Non-Contact Sleep Monitoring System

Sung Ho Cho, Hanyang University, South Korea

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

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

Communication Between Healthcare Professionals and Caregivers of Children with Neurological Disorders: Reflections on Culture

Mohannad Mohammad Amireh, Launch Egypt Organization, Egypt

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

Overcoming Adeno-Associated Virus Gene Therapy Limitations Genetic Neuromuscular Diseases

Giuseppe Ronzitti, INTEGRARE, 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

Linking Parkin Mutations to Parkinson's Disease using Molecular and Proteomic Approaches

Murat Kasap, Kocaeli University Medical School , Turkey

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

Parkinson's Disease and 22q11.2 Deletion Syndrome: Video Case Report, Recent Developments and Diagnostic Challenges

Fradique Moreira, Coimbra Hospital and University Centre, Portugal

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

Efficacy and Mechanism of Cord Blood Cell Therapy for Children with Cerebral Palsy

MinYoung Kim, CHA University, Republic of Korea

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

Lipidomics Biomarkers of a Sustained Immune Response in Proteinopathies Associated with Dementia

Paul L. Wood, Lincoln Memorial University, USA

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 Acquisitio, Russian Federation

Premild (Subjective and Subtle) Cognitive Disorders

Koberskaya N.N., FSEI of the I.M. Sechenov First Moscow Medical University, 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

Ubisol Q10: A Water Soluble Nano-Micellar Formulation of CoQ10 Halts Progression of Neurodegenerative Diseases and Cellular Aging

Siyaram Pandey, University of Windsor, 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 β -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

Oligomer β -Amyloid Suppresses Hippocampal γ -Oscillations Through Activation of the mTOR/S6K1 Pathway

Chengbiao Lu, Xinxiang Medical University, China

Cognitive Development in Breast Cancer Patients Treated with Chemotherapy

Jasmin Bonilla Santos, Universidad Cooperativa de Colombia, Colombia

Poly-Deprescribing to Treat Polypharmacy - Countering the First Iatrogenic Epidemic

Doron Garfinkel, Wolfson Medical Center, Israel

Effects of Psycho-Education Plus Basic Cognitive Behavioural Therapy Strategies on Medication-Treated Adolescents with Depressive Disorder in Nigeria

Ehimwenma W Isa, Federal Neuropsychiatric Hospital, Nigeria

Lunch Break

Session 5

Autism and Neurodevelopmental Disorders

Design Intervention for Enhanced Appetite Among Pre-Dementia and Memory Center Elders

Valencia Browning-Keen, Sam Houston State University, USA

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 Ca²⁺ 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

Deep Learning Algorithm for Establishing Relationship between cIMT and Age in Diabetic Cohort for Stroke Risk Assessment

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

Polymorphisms in Inflammatory Pathway Related Genes and Susceptibility to Ischemic Stroke

Xiao-Xia Li, Mudanjiang Medical University, 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

Electrical Stimulation Enhances the Efficacy of Cell Transplantation Therapies for Neurodegenerative Retinal Diseases

Kin Chiu, The University of Hong Kong, China

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

The Crystal Structure of PARK14 / PLA2G6 Suggests Mechanisms of Protein Regulation and the role of Neurodegenerative Mutations

Sergey Korolev, Saint Louis University School of Medicine, 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

Surgical Strategy in Management of Low Grade Brain Neoplasms with Epilepsy: Seizure Outcome

Hatem Sabry, Ain Shams University, Egypt

How the Brain Keeps Seizures at Bay

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

Differences in Audio-Visual Information Processing and Susceptibility to Cross-Modal Illusions between Migraineurs with and without Aura

Marzia Buonfiglio, Sapienza University of Rome, Italy

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

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

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

Ruozyhuo 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

Complications Associated with Carotid Body Tumor Excision

Ali Kemal Gür, Yuzuncu Yil University, Turkey

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 Khouma, 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 γ Level in Experimental Autoimmune Encephalomyelitis

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

How Is Sexual Dysfunction in Women with Multiple Sclerosis?

Faezeh Ghafouri, 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 Cistanche regulate the Expression of ARP3 and NF- κ 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 α 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 CO2 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

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

Anti-Alzheimer Potential of Ethyl Acetate Fraction of Onion Peel Extract

Ravinder Kaur, Punjabi University, India

Virtual Rehabilitation Effects in Parkinson's Disease Patients and their Correlations with Striatal Dopamine Transporter Density

Juliana M. P. Toldo, Hospital Israelita Albert Einstein, Brazil

Effects of Virtual Rehabilitation in Patients with Parkinson Disease and its Correlations with In-vivo Cerebral Metabolism

Michelly Arjona, Hospital Israelita Albert Einstein, Brazil

Neurological Disorders Among Combat Wounded Veterans

Kris Siddharthan, Veterans Affairs, USA

Reduction of Agitation in Dementia Through Music Therapy

Sarah Hansen, Simmons College, USA

A Case Report of Guillain-Barre Syndrome Complicated on Post-Operation on Renal Carcinoma and Meningioma and the Literature Review

Shuai Xu, Peking University People's Hospital, China

Neurofeedback Training Improved the Bimanual Coordination of Children with Attention-Deficit/Hyperactivity

Ebrahim Norouzi, Urmia University, Iran

TOP3B: A Novel Candidate Gene in Juvenile Myoclonic Epilepsy?

Marwa Daghani, University of Tunis El Manar, Tunisia

Parkinson's Disease Versus Clinically Unclear Cases of Parkinsonism: A Retrospective Dopamine Transporter Imaging Study

Natalia Queiroz, Hospital Israelita Albert Einstein, Brazil

Stroke Survivors: Needs, Wellness and Warning Signs

Sarosh Nagar, SSEEO Group, USA

Charu Nagar, SSEEO Group, USA

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