



UNITED Scientific Group

NDS-2019

5th NEUROLOGICAL DISORDERS SUMMIT

July 18-20, 2019

Venue

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

EXHIBITOR



GIBSON INSTITUTE
OF COGNITIVE RESEARCH

18-Jul

Registrations & Inauguration

KEYNOTE TALKS

TBA

Stephen Grossberg, Boston University, USA

Auditory Neuropathy

Arnold Starr, UC Irvine Medical Center, Irvine, CA, USA

TBA

Harish C. Pant, NIH/NINDS, USA

Neuropathologies Linked to Abnormal Regulation of the RCAN1 Gene

Kelvin J. A. Davies, University of Southern California, USA

Coffee Break

Session 1

Alzheimer's Disease, Dementia and Mild Cognitive Impairment

POMGnT1 is Involved in the Pathogenic Process of Alzheimer's Disease

Xiaofeng Li, The Second Affiliated Hospital of Chongqing Medical University, China

Lack of Evidence for the Hypothesis that BMAA is a Causal Factor for Alzheimer's disease, Parkinsonism, and Amyotrophic Lateral Sclerosis

Neil Chernoff, , USA

Problems in Physical Environment Arrangement Among Community-Dwelling Older Adults with Dementia

WANG Zhi-wen, Peking University School of Nursing, China

Machine-Learning Based Identification of Undiagnosed Dementia in Primary Care

Emmanuel Apapa Jammeh, University of Plymouth, United Kingdom

Pathological Markers of Alzheimer's Disease

Oriehi Destiny Anyaiwe, Lawrence Technological University, USA

POMGnT1 is Involved in the Pathogenic Process of Alzheimer's Disease

Yuxue Feng, The Second Affiliated Hospital of Chongqing Medical University, China

Review of Deep Learning and A Novel Approach for Diagnosis of Alzheimer's Diseases

Mohammad Ali Balafar, University of Tabriz, IRAN

Pathway Level Codon Bias Among Synonymous Rare Variants is Associated with Alzheimer's Disease Imaging Biomarker

Jason Eli Miller, University of Pennsylvania, USA

Developing Mobile Software that Uses Visual Mapping Techniques as Habitbased Assistive Technology for Individuals with Alzheimer's Disease and Alzheimer's Related Dementias and Their Caregivers

Stuart Zola, MapHabit, Inc., USA

Lunch Break

Session 2

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

Multicentric Cryptococcomas Mimicking Neoplasia

Adrian Kelly, Sefako Makgatho Health Sciences University, South Africa

The Role of Codon Bias and Elongator in Neurological Disease

Lynn George, Montana State University Billings, USA

Clinical Safety Profile of Ticagrelor Compared to Clopidogrel in 1208 Patients: Real World Evidence

Vivek Kumar, Max Super Speciality Hospital, New Delhi, India

Autoimmune Biomarkers and AI Algorithms Could Lead to New Diagnosis and Treatment Options in Neurodegenerative Diseases Such as Glaucoma

Franz Grus, University Medical Center, Mainz, Germany

The Connectivity / Conversion Paradigm - A New Approach to the Classification of Psychosomatic Disorder

Lutz Goetzmann, Segeberger Kliniken, Germany

The Misfold-Propagation Mechanism for Neurological Disorders

Gerald Lushington, TheraPeptics LLC, USA

Unsupervised Trainable Model for Optimized Segmentation of MRI Brain Tumor Images

Salama A Mostafa Alabdullah, Universiti Tun Hussein Onn Malaysia, Malaysia

Development of A Molecular Device to Identify Biomarkers and Genes of Inflammation

E. Cuauhtemoc Sanchez, UNAM / SSY, Mexico

Melatonin Attenuates Early Brain Injury via the Melatonin Receptor/Sirt1/NF-κB Signaling Pathway Following Subarachnoid Hemorrhage in Mice

Lei Zhao, The Fourth Military Medical University, Xi'an, China

Oxidative Stress, Inflammation Activity in Blood-Brain Barrier Disruption in MCAO/Reperfusion-Induced Hyperlipidemia Rats

Wang Yanqiang, The Affiliated Hospital of Wei fang Medical University, China

Investigating Alterations in Autophagy Using Post-mortem Human Brain Tissue

Diana-Madalina Stan, Univeristy of Salford, United Kingdom

The Association of Invasive Procedures and Subsequent Neurological Diagnoses

Abbas Shojaee, Yale University School of Medicine, New Haven, Connecticut, USA

Comparison of the Neurotoxic and Myotoxic Effects of Two Moroccan Scorpion Venoms and Their Neutralization by Experimental Polyclonal Antivenom

Oukkache Naoual, Institut Pasteur of Morocco, Morocco

Tuberculous Hypertrophic Pachymeningitis- A Review

Patrick Lekgwara, Sefako Makgatho Health Sciences University, Pretoria, South Africa

Evaluation of Hyponatremia in Ischemic Stroke Patients in a Tertiary Care Hospital of Karachi, Pakistan

Sarfraz Ahmed Mahesar, Ruth M.Pfau Civil Hospital, Pakistan

Shehzeen Fatima Memon, Dow University of Health Sciences, Pakistan

Session 3

Autism and Neurodevelopmental Disorders

Brain Potential and Functional MRI Evidence for How Vietnamese Children with Autism Spectrum Disorders Response to Bilingualism

Mai Thanh Nguyen, Vietnamese American School System, Viet nam

Children with Autism Spectrum Disorders: Comparison of Montessori Therapy and Treatment by Special Pedagogue

Valdis Folkmanis, University of Latvia, Latvia

Assessing Working Skills of Young Adults with Autism during Military Service and Towards Jobs in the Free Market

Noomi Katz, Ono Academic College, Israel

Hyperactivity in Motor Response Inhibition Networks in Unmedicated Children with Attention Deficit-Hyperactivity Disorder

Ariadna Albajara Saenz, Université Libre de Bruxelles (ULB), Belgium

Proposal of Prevention of ASD in a District

Shui Yin Lo, American University of Complementary Medicine, USA

That A Big Mouth You Have!

Articulations About the Orality Disorders in Autism

Ana Carolina Dias, PUCSP-DERDIC, Brazil

19-Jul

KEYNOTE TALKS

TBA

Kenneth Blum, University of Florida, USA

TBA

Rajendra Badgaiyan, Wright State University, USA

TBA

Jin Jun Luo, Temple University, USA

Coffee Break

Room A

Session 4

Neurological Disorders: Prevention, Treatments and Rehabilitation

Workshop on "Key Ingredients of Effective Cognitive Rehabilitation Training"

Amy Lawson Moore, Gibson Institute of Cognitive Research, USA

Christina Ledbetter, Louisiana State University Health Science Center, USA

A Survey on the Effects of Vestibular Rehabilitation on Vestibular, Balance and Cognitive Functions of 7-12 Year Old Children with Attentional Deficit/ Hyper Activity- Combined with Vestibular Dysfunction (ADHD-C)

Nima Rezazadeh, University of Social Welfare and Rehabilitation, Iran

Characterization of a Novel Revolving Radiation Collimator

Georg A Weidlich, NMPD, CA, USA

Lifestyle Modulators of Neuroplasticity: How Physical Activity, Mental Engagement, and Diet Promote Cognitive Health during Aging

Cristy Phillips, Arkansas State University, USA

A Randomized Controlled Trial to Examine the Impact of Aquatic Exercise Training on Functional Capacity, Balance, and Perceptions of Fatigue in Female Patients with Multiple Sclerosis

Mehdi Kargarfard, University of Isfahan, Iran

Hydraulic Actuated Portable Home Based Rehabilitation Device for Stroke Patients

Kalaiarasi, RVS College of Engineering and Technology, India

Fuzzy Cognitive Control System of Autonomous Vehicle: Brain Neurointerface and Soft Computing Modes

Sergey V. Ulyanov, Dubna State University, Russian Federation

Feasibility Test of Virtual Reality-based Visual Perception and Cognitive Rehabilitation Service

Lee Hyun Min, Honam University, Korea (South)

Motor Training from Reality to Virtuality

Martha Rocio Torres Narvaez - Juanita, Universidad del Rosario, Colombia

Drosophila Melanogaster: A Robust and Cost-Effective Model to Screen Therapeutics for Neurodegenerative Disorders

Mahtab Jafari, University of California, Irvine, USA

Fuzzy Cognitive Control System of Autonomous Vehicle: Brain Neurointerface and Soft Computing Modes

Alla Mamaeva, Dubna State University, Russian Federation

Fuzzy Cognitive Control System of Autonomous Vehicle: Brain Neurointerface and Soft Computing Modes

Andrey Reshetnikov, Dubna State University, Russian Federation

Redefining Spasticity and Its Rehabilitation: Insight from Use of Optokinetic Chart Stimulation

Benjamin Chitambira, East Kent Hospitals University NHS Foundation Trust, UK

The Effects of Altitude on Concussion Incidence in the 2013-2017 National Hockey League Seasons

Ryan Adams, Mount Sinai Hospital, USA

Lunch Break

Room B

Session 5

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

Effects of Health Qigong Exercise on Heart Rate and Frequency of Heart in Parkinson's Disease Patients

Xiaolei Liu, Beijing Sport University, China

Parkinsonians Syndromes Associated with Cognitive Deficit: A Molecular Imaging Update

Manuela C. Matesan, University of Washington, USA

TBA

Nesrine Salah El Dine El Sayed, Cairo University, Egypt

Remodeling of Lumbar Motor Circuitry for Recovery after Spinal Cord Injury

Xiao-Ming Xu, Indiana University, USA

SD-OCT Study of Retinal Morphological Changes in Patients with Parkinson's Disease in Different Clinical Stages

Jiang Huang, Second Affiliated Hospital of Soochow University, China

First Indian Families with Myotonic Dystrophy Type 2; Suggestive of Novel Ancestral Origin

Damen, Radboud University Medical Center, Netherlands

Motor Imagery Training with Augmented Cues of Motor Learning on Cognitive Functions in Patients with Parkinsonism

Lama Saad El-Din, October 6 University, Egypt

Dilated Virchow-robin Space and Parkinson's Disease: A Case Report of Combined MRI and Diffusion Tensor Imaging

Alberto Negro, University of Campania Luigi Vanvitelli, Italy

The Possible Role of Propolis in Ameliorating Paclitaxel-induced Peripheral Neuropathy in Sciatic Nerve of Adult Male Albino Rats

Amira Adly Kassab, Tanta University, Egypt

Lunch Break

Room A

Session 6
Advances in Stroke Management
Stroke: Prevention, Treatment and Recovery

Temporomandibular Joint Dysfunction in Stroke

Omer Dursun, Abant Izzet Baysal University, Turkey

Advantages and Disadvantages of Cell Technologies in Cerebral Diseases

Stanislav Koulchitsky, Liege University, Belgium

Chinese Medicine for Neurodegenerative Disease and Stroke, Breaking through Blood Brain Barrier and Promoting Neurogenesis

Wei-Jian Bei, Guangdong Pharmaceutical University, China

Effects of Acupuncture and PC Assisted Cognitive Training for Post Stroke Cognitive Disorders: Experiences from Multicenter Pilot Study in Middle Europe and China

Wilfried Schupp, Friedrich-Alexander University Erlangen-Nuremberg, Germany

Occupational Physical Activity in Young Adults and Stroke: Was It Due to My Job?

Tarig Hamad Abdalla, California Institute for Behavioral Neuroscience and Psychology, USA

Room B

Session 7

Neurotrauma, Neuroinflammation, Neurobehavioral Disorders and Neuro-immune Diseases

Retina and Neurodegenerative Diseases

Ivan Bodis-Wollner, SUNY Downstate Medical Center, NY, USA

Identification of Causative Genes and Mutations in Autosomal Recessive Hereditary Spastic Paraplegia Patients from Turkey

Esra Battaloglu, Bogazici University, Turkey

Iron Homeostasis in Patients with Obstructive Sleep Apnea

Victor Manolov, Medical University - Sofia, Bulgaria

Major Economic and Psycho-social Changes Experienced by Retirees in Selected Counties in Kenya

Isabel Wanjiku Muchemi, United States International University - Africa, Kenya

Post-Ebola Syndrome Among Ebola Virus Disease Survivors in Montserrado County, Liberia

Himiede Wede Wilson, National Public Health Institute of Liberia, Liberia

Poster Presentations (See Annuxure)

20-Jul

Session 8

Migraine & Headache

Epilepsy/Neurodegeneration/ Multiple Sclerosis

Diffusional Kurtosis Imaging and f-MRI Abnormalities in the Idiopathic Generalized Epilepsy with Generalized Tonic-clonic Seizures

LYU Guiwen, Shenzhen Second People's Hospital, China

Assessing the Quality of Life in Patients with Multiple Sclerosis in Kuwait: A Cross Sectional Study

Eman J Abdullah, Kuwait University , Kuwait

DNA Repair Genes and Trace Elements Associated with Oxidative Stress in Multiple Sclerosis

Nevra Alkanli, Halic University, Turkey

Arzu Ay, Takya University, Turkey

Süleyman Serdar Alkanlı, Istanbul University, Turkey

Migraine or Tension - Clearing the Confusion

M V Francis, TEMC Cherthala Alleppey, Kerala, South India

Efficacy of Group Cognitive Rehabilitation Therapy in Multiple Sclerosis

Parsa Ravanfar, Shiraz University of Medical Sciences, Iran

Intravenous Caffeine versus Intravenous Ketorolac for the Management of Moderate to Severe Migraine Headache in the Emergency Department

Mohammad Mahdi Forouzanfar, Shahid Beheshti University of Medical Sciences, Iran

The Genetics of Epilepsy

Stephen Nelson, Tulane University School of Medicine, USA

Lunch & Departures

ACCEPTED POSTER PRESENTATIONS

- P1** **Decision Tree, Discriminant and Factor Analysis of Biogenic Amines in Diagnosis of Dystonia**
Belenky Vadim Viktorovich, SM - Clinic, Russian Federation
- P2** **Lifestyle Factors and Multiple Sclerosis: A Population-based Incident Case-control Study**
Saharnaz Nedjat, Tehran University of Medical Sciences, Tehran, Iran
- P3** **PAL-5: A Short Cognitive Screening Instrument Measuring Executive Dysfunctions in Patients with Parkinson's disease**
Jannik Florian Scheffels, University Clinic of Cologne, Germany
- P4** **Chaotic Behavior of Spontaneous Speech Signals during Alzheimer's disease**
Mahda Nasrolahzadeh, Hakim Sabzevari University, Iran
- P5** **Middle Cerebral Artery Occlusion after Treatment of Stem Cell**
Tae Hoon Lee, Namseoul University, Korea
- P6** **The Role of Transient Receptor Potential Vanilloid Receptor 1 (TRPV1) and Peroxisome Proliferator-activated Receptors-alpha (ppara) in Mediating the Anti-nociceptive Effects of Palmitoylethanolamine in Rats**
Ayman G. Mustafa, Qatar University, Qatar
- P7** **Investigating the Role of Peripheral Mu-opioid receptors in Pain Signaling Under Normal, Inflammatory, and Neuropathic States**
Awinita Barpujari, Johns Hopkins University, USA
- P8** **Computational Analysis of Neutral Sphingomyelinase-2**
Kutlu O. Ulgen, Bogazici University, Turkey
- P9** **Gestational Folic Acid Effects in Plasticity and Epigenetics Parameters in the Hippocampus of Rats Submitted to Neonatal Hypoxia-ischemia**
Bruna Ferrary Deniz, Universidade Federal do Rio Grande do Sul, Brazil
- P10** **Neurological Disorders Caused by Two Cerebral Alveolar Hydatid Cysts in an Old Woman: A Rare Case Report**
Hossein Mokhtari, Islamic Azad University, Iran

- P11** **TOP3B: A Novel Candidate Gene in Juvenile Myoclonic Epilepsy?**
Marwa Daghsni, Faculty of Medicine of Tunis, Tunisia
- P12** **Growth and Rupture of Giant Intracranial Aneurysms after Pipeline Embolization Device Treatment**
Xianli Lv, Beijing Tsinghua Changgung Hospital, China
- P13** **Amyotrophic Lateral Sclerosis Viewed from MRI**
Bárbara Aymeé Hernández, Cuban Neuroscience Center, Cuba
- P14** **Social Implications of Scientific-technological Research in Older Adult's Neuropsychology**
Anai Guerra Labrada, University of Camaguey Ignacio Agramonte Loynaz, Cuba
- P15** **Early-onset Mental Retardation Associated with *De novo* SMARCA4 Mutations**
Yanyan Qian, Children's Hospital of Fudan University, China
- P16** **Effects of Rimonabant on Active Avoidance Learning in Bulbectomized Rats**
Margarita, Medical University of Varna, Bulgaria
- P17** **Physical Health in Children with Neurodevelopmental Disorders**
Setareh Alabaf, University of Gothenburg, Sweden
- P18** **Clinical Evaluation of Lumbar Segmental Instability in Workers**
Constanza Trillos, University of Rosario, Colombia
- P19** **Physical Therapy in a Pregnant Young Woman with Sequels of Guillain-Barré Syndrome: Case Report**
Letícia Ruebenich de Quadros, Univerdade do Vale do Taquari, Brazil
- P20** **Wiedemann-Steiner Syndrome with a Novel Compound Heterozygous Mutation in KMT2A Gene having Intellectual Disability and Microcephaly in a Consanguineous Saudi Family**
Muhammad Imran Naseer, King Abdulaziz University, Saudi Arabia
- P21** **Triptolide Protects Neurons from Endoplasmic Reticulum Stress-Mediated Apoptosis in Cerebral Ischemic Injury Rats**
Feng Li, The Second Affiliated Hospital of Harbin Medical University, China

- P22** Persian Medicine Non-pharmacological Therapies for Headache: Phlebotomy and Wet Cupping
Laila Shirbeigi, Tehran University of Medical Sciences, Iran
- P23** Interventional First Person Video Game Training Reduces Fall Risk in Parkinson's Disease by Improving Gait, Contrast Sensitivity, Visual Acuity and Cognition
Beau Billings, Florida State University College of Medicine, USA
- P24** Argentine Tango Reduces Fall Risk in Parkinson's Patients
Shani Peter, Florida State University College of Medicine, USA
- P25** MTEP Attenuated Reactive Gliosis and Enhanced Neuronal Survival and Functional Recovery after Intracerebral Hemorrhage
Md. Saidur Rahman, Xi'an Jiaotong University, China
- P26** Treatment Outcomes and Associated Factors among Hospitalized Stroke Patients at Shashemene Referral Hospital, Ethiopia
Gobezie Temesgen, Addis Ababa University School of Pharmacy, Ethiopia
- P27** Varicella Zoster Aseptic Meningitis: Report of an Atypical Case in an Immunocompetent Patient Treated with Oral Valacyclovir
Monider 'Monty' Singh, Joan C. Edwards School of Medicine at Marshall University, USA
- P28** The Analysis of Disease-modifying Therapy Prescriptions in Different type of Clinical Course of Multiple Sclerosis
Olena Gerasymenko, National University of Pharmacy, Ukraine
- P29** Enterprise Stent for the Treatment of Symptomatic Intracranial Atherosclerotic Stenosis: An Initial Experience of 44 Patients
Zhengzhe Feng, Changhai Hospital, China
- P30** Readmission of Transient Ischemic Attacks in the United States
Jared Stowers, The University of Texas Health Science Center Long School of Medicine, USA
- P31** Effects of Therapeutic Treatment with Angiotensin II Receptor Blocker on Intraspinal Inflammatory Cell Phenotype Following Experimental Spinal Cord Injury
Yaseen Baseer, Midwestern University, Glendale, Arizona

P32 **Efficacy and Safety of Deep Brain Stimulation in the Treatment of Parkinson's disease: A Systematic Review and Meta-analysis of Randomized Controlled Trials**
Sosipatros Bratsos, Imperial College, London

P33 **Dural Venous Sinus Thrombosis Presenting as Syncope**
C. Bryan Huang, White River Medical Center, USA

P34 **Autism : An Obscure Puzzle**
Areej Rahman, Alfaisal University , Saudi Arabia

P35 **Analysis of the Efficiency of Antiepileptic Drugs in the Treatment of Infantile Spasms and Focal Epilepsy Associated with Tuberous Sclerosis Complex**
Antonina Grigoreva, Russian National Research Medical University, Russian Federation

P36 **Evaluation of Hyponatremia in Ischemic Stroke Patients in a Tertiary Care Hospital of Karachi, Pakistan**
Sheema Mustafa Khan, Dow University of Health Sciences, Pakistan
Shehzeen Fatima Memon, Dow University of Health Sciences, Pakistan

P37 **The Yellow Scale is Superior to the Gray Scale for Detecting Acute Ischemic Stroke on a Monitor Display in Computed Tomography**
Akio Ogura, Gunma Prefectural college of Health sciences, Japan

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

We wish to see you
at
Los Angeles
CA, USA



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