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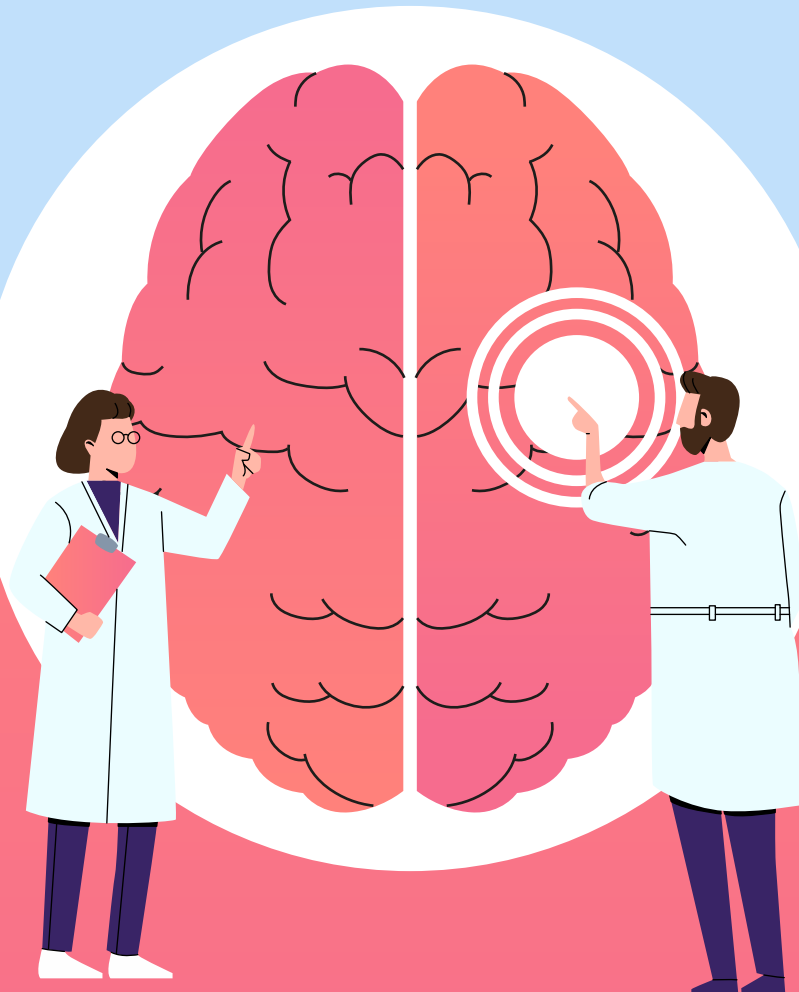


NDS
Barcelona, Spain

Program

9th NEUROLOGICAL DISORDERS SUMMIT-2024

May 06-08, 2024 in Barcelona, Spain



Hotel Occidental Atenea Mar,
Paseo García Faria 37-47,
08019 Barcelona

Email: sswarup@uniscigroup.net; nds@uniscigroup.net
Web: www.neurodisordersconference.com

08:00-08:20

Registration and Conference Material Collection

08:20-08:30

Introduction

Keynotes

Chair: Laxman Gangwani, University of Missouri at Columbia, USA

08:30-09:10

The Role of T Cells Immunity in Alzheimer's Disease
Giulio Maria Pasinetti, Icahn School of Medicine at Mount Sinai, USA

09:10-09:50

Future Treatment of Alzheimer's Disease; Why Multi-target Drugs
Moussa B.H. Youdim, Youdim Pharmaceuticals, Israel

09:50-10:10

Coffee Break & Social Networking

10:15-10:55

Novel Genetic Tools and Emerging Therapeutic Approaches in Inherited Ataxias
Antoni Matilla Duenas, Germans Trias i Pujol Research Institute (IGTP), Spain

10:55-11:35

A Structure-based Approach to Tackle Protein Aggregation in Parkinson's Disease
Salvador Ventura Zamora, Autonomous University of Barcelona, Spain

11:35-11:40

Session Break

Session : Alzheimer's disease, Dementia and Mild Cognitive Impairment

Chair: Soraya L. Valles, University of Valencia, Spain

11:40-12:10

Last Researchers's in Neurodevelopment and Neurodegeneration
Soraya L. Valles, University of Valencia, Spain

12:10-12:30

Structure and Functional Models of Amyloid β 42 (A β 42) and A-synuclein Assemblies Containing Gm1 Gangliosides
H. Robert Guy, Amyloid Research Consultants, USA

12:30-12:50

Targeting Early Genetic Risk Factor During Aging to Improve Brain Metabolism
Niketa A. Patel, University of South Florida, USA

12:50-13:40

Lunch

Special Session: Neuromuscular Disorders

Chair: Laxman Gangwani, University of Missouri at Columbia, USA

13:40-14:10

TBA
Udai Pandey, University of Pittsburgh Medical Center, USA

14:10-14:40

TAR DNA Binding Protein-43 (TDP-43) Pathology Causes Differential Expression of Retrotransposons in a TDP-43-Q331K Mouse Mode
Roger Sher, Stony Brook University, USA

14:40-15:10

Clinical Measures of Disease Progression in Amyotrophic Lateral Sclerosis Type 4
Christopher Grunseich, NINDS, National Institutes of Health, USA

15:10-15:40

Mechanism of R-loop-mediated Neurodegeneration in ALS4
Laxman D. Gangwani, University of Missouri, USA

15:40-16:00	TBA Amy Glynn , SMATHERIA, Germany
16:00-16:20	Dysregulated S-glutathionylation and Redox Enzymes in Multiple Murine Organs of Spinal Muscular Atrophy Sofia Vrettou , University of Cologne, Germany
16:20-16:45	Coffee Break & Social Networking
Session: Parkinson's Disease and Other Movement Disorders	
	Chair: Roberto Di Maio , University of Pittsburgh, USA
16:45-17:05	Health Qigong Exercise on Inhibitory Function in Parkinson's Patients Xiaolei Liu , Beijing Sport University, China
17:05-17:25	Insulin and Ranolazine Protective Action after Rotenone Addition on Nsc34 Motor Neuron Cells (Model of Parkinson's Disease) Ignacio Campo-Palacio , University of Valencia, Spain
17:25-17:45	Delving into Oxidative Signaling in Parkinson's Disease, Unveiling Intricate Pathways and Novel Pleiotropic Therapeutic Avenues Roberto Di Maio , University of Pittsburgh, USA
17:45-18:05	Effect of Health Qigong Exercises on Cardiovascular Symptoms in Patients with Parkinson's Disease Jinkai Zhang , Beijing Sport University, China
18:05-18:25	Effect of Health Qigong Exercises on Range of Motion in Patients with Parkinson's Disease Siqi Tang , Beijing Sport University, China
20:00-21:30	Social & Networking Event Dinner (Networking Ticket Required)

Session: Neurological Disorders: Prevention, Treatments and Rehabilitation

Chair: TBA

- 08:30-08:50 **Interrogation of the Chlorine Atom in the Atypical Antipsychotic Clozapine and In-silico Investigation of Other Potential Pharmacophores in this Context**
Songul Sahin, Ondokuz Mayıs University, Turkey
- 08:50-09:10 **Rate and Predictors of Neurosurgical 30-day Readmission: A Single-center Experience**
Rene Daniel, Thomas Jefferson University, USA
- 09:10-09:30 **Which Frequency Comes First in Intracranial EEG Ictal Onset: High or Low?**
Jeffrey M Chung, Cedars-Sinai Medical Center, USA
- 09:30-09:50 **Neuromodulation by Upconversion Nanoparticles**
Angelo H. ALL, Hong Kong Baptist University, Hong Kong
- 09:50-10:10 **Differentiation between Alzheimer's Disease and Dementia with Lewy Bodies using Infrared Microscopy of White Blood Cells and Machine Learning Methods**
Shaul Mordechai, Ben Gurion University, Israel
- 10:10-10:30 **Impact of Patient Demographics and Insurance Status on Recommendation for Surgery in Glioblastoma : A Retrospective Cohort Study**
Bharath Ganesh, Thomas Jefferson University, USA

10:30-10:55 **Coffee Break & Social Networking**

Session: Neurotrauma, Neuroinflammation, Neurobehavioral Disorders and Neuro-immune Diseases

Chair: Charles R Joseph, Liberty University, USA

- 10:55-11:15 **Heritable Effects of Moderate Traumatic Brain Injury in Rats**
Anatoly E Martynyuk, University of Florida, USA
- 11:15-11:35 **Identifying Delay in Glymphatic Clearance of Labeled Protons Post-acute Head Trauma Utilizing 3D ASL MRI (Arterial Spin Labeling): A Pilot Study**
Charles R Joseph, Liberty University, USA
- 11:35-11:55 **Action of Inflammation and Oxidative Stress in Neural Cells in Primary Culture, APP/PS1 Mice and in aMCI Patients Treatments in Alzheimer's Disease**
Juan Campos Campos, University of Valencia, Spain
- 11:55-12:15 **Inflammation, Oxidative Stress and Cancer Protein Expressions in a Model of Alzheimer's Disease**
Adrian Jorda Valles, University of Valencia, Spain
- 12:15-12:35 **Inflammation and Oxidative Stress after Aβ1-42 Addition and Effects of Ranolazine and/or Insulin in Astrocytes in Primary Culture**
Carlos Manuel Colmena Zaragoza, University of Valencia, Spain
- 12:35-12:55 **Protective Action After Use of TLS Technique in aMCI Patients**
Kenia Alvarez Gamez, University of Valencia, Spain

12:55-13:55 **Lunch**

Session: Migraine & Headache and Epilepsy/Stroke/ Multiple Sclerosis

Chair: TBA

- 13:55-14:15 **Iron-free Transferrin Improves Sensory Function in an Experimental Model of Intracerebral Hemorrhage**
Alexia Garcia Serran, Autonomous University of Barcelona, Spain
- 14:15-14:35 **CT Perfusion in Acute Ischaemic Stroke and its Overestimation and Underestimation of the Penumbra**
Fathalla Elnagi, Whiston Hospital, UK
- 14:35-14:55 **Blocking an Epitope of Misfolded SOD1 Ameliorates disease Phenotype in a Model of Amyotrophic Lateral Sclerosis**
Stanislav Engel, Ben-Gurion University of the Negev, Israel
- 14:55-15:15 **Factors Influencing Communication and Language Skills in Multiple Sclerosis**
Sotiria Stavropoulou De Lorenzo, AHEPA University Hospital of Thessaloniki, Greece
- 15:15-15:35 **Physical Frailty Trajectories in Older Stroke Survivors: Findings from a National Cohort Study**
Wen Zeng, Peking University, China

15:35-16:00 **Coffee Break & Social Networking**

16:00-17:30 **Poster Session followed by Drink**

- P1 **Screening for Early Biofluid Markers of Alzheimer's disease in an At-risk Population: Design of the PREDICTOM Study**
Johanna Mitterreiter, Siemens Healthineers, Germany
- P2 **Development of Rapid Large-area Sensing Technology for Early Detection of Alzheimer's disease**
Jonghyun Oh, Jeonbuk National University, Korea (South)
- P3 **Plasma Astrocytic Biomarker in Patients with Alzheimer's Disease**
Barbara Mroczko, Medical University of Białystok, Poland
- P4 **Mediating and Moderating Effects of Plasma Proteomic Biomarkers on the Association between Poor Oral Health Problems and Incident Dementia: The UK Biobank study**
Hind A. Beydoun, University of Texas Health Science Center at Houston, USA
- P5 **Caregiver Strain and Quality of Life: Assessing the Moderating Role of Age among Caregivers of Offspring with Intellectual and Developmental Disabilities**
Ethel Virginia Sticinski, University of Delaware, USA
- P6 **Neurobiological Basis of Bioelectronic Medicine in Treating Pediatric ADHD and Autism**
Alli San Roman, Temecula Valley High School, USA
- P7 **Mediating and Moderating Effects of Plasma Proteomic Biomarkers on the Association Between Poor Oral Health Problems and Brain White Matter Microstructural Integrity: The UK Biobank Study**
May A. Beydoun, NIA/NIH/IRP, USA
- P8 **TBA**
Iain Wilkinson, Surrey and Sussex Healthcare NHS Trust, UK
- P9 **Dysregulated S-glutathionylation and Redox Enzymes in Multiple Murine Organs of Spinal Muscular Atrophy**
Sofia Vrettou, University of Cologne, Germany

- P10** **Ectoine Treatment Stimulates Protein Markers of Autophagy Efficiency in the Duchenne Muscular Dystrophy Mouse Model mdx**
Eulàlia Gómez Armengol, Ghent University, Belgium
- P11** **Ectoine Treatment Stimulates Protein Markers of Autophagy Efficiency in the Duchenne Muscular Dystrophy Mouse Model mdx**
Boel De Paepe, Ghent University Hospital, Belgium
- P12** **TBA**
Amy Glynn, SMATHERIA, Germany
- P13** **Surgical Treatment of Parkinson's Disease after Medication Failure at the Central Military Hospital**
Haddadi Youcef, Central Military Hospital of Algeria, Algeria

Session: Autism and Neurodevelopmental Disorders

Chair: TBA

09:00-09:20	Necessity of Multisensory Therapy in Children with Autism Spectrum Disorders Aleksandrs Vasilonoks , University of Latvia, Latvia
09:20-09:40	The Effects of Postnatal Erythropoietin and Nano-erythropoietin on Behavioral Alterations by Mediating K-Cl Co-transporter 2 in the Valproic Acid-induced Rat Model of Autism Sara Haratizadeh , Mashhad University of Medical Science, Iran
09:40-10:00	Training Attention and Cognitive Control Among Individuals with ADHD Lilach Shalev , Tel Aviv University, Israel
10:00-10:20	Mapping the Trajectory of Syt1-associated Neurodevelopmental Dis-order (Baker-gordon Syndrome) Sam Norwitz , University of Cambridge & National Institute of Child Health and Human Development (NICHD), UK
10:20-10:40	Astrocyte Responses to Postnatal Erythropoietin and Nano-erythropoietin Treatments in a Valproic Acid-induced Animal Model of Autism Sara Haratizadeh , Mashhad University of Medical Science, Iran
10:40-11:00	In person Closing Remark
11:00-11:25	Coffee Break
12:40-13:40	Lunch and Departure

Virtual Session | Online| Zoom Meeting

Time Zone: CEST (Central European Summer Time)

12:00-12:20	AV Check
12:20-12:30	Introduction

NDS Track-01

12:30-12:50	Prevention of Cognitive Decline in Alzheimer's Disease by Novel Antioxidative Supplements Haruhiko Inufusa , Gifu University, Japan
12:50-13:10	Research on the Effect of Heart-lung Benefiting Tai Chi on Negative Emotions in College Students Zhenying Liu , Beijing Sport University, China
13:10-13:30	Marula Oil Nanoemulsion Improves Motor Function in Experimental Parkinsonism via Mitigation of Inflammation and Oxidative Stress Sawsan A Zaitone , University of Tabuk, Saudi Arabia
13:30-13:50	What is the Foix-alajouanine Syndrome? Belenky Vadim , ArsVita Clinic, Russian Federation
13:50-14:10	Illness Perceptions and Outcome in Multiple sclerosis: Dissemination of the Findings from a Published Systematic Review Maria Luca , Centre for Addiction, Adrano (Catania), Italy

14:10-14:30	Cognition and Gait in Normal Aging and Neurological disorders Antonina Luca , University of Enna "Kore", Italy
14:30-14:40	Break
NDS Track-02	
14:40-15:00	New Development of Antipsychotic Drugs in Schizophrenia Felix-Martin Werner , Grone Gesundheitsakademie Weimar, Germany
15:00-15:20	Perceived Social Support, Normalization, and Subjective Well-being Among Family Members of a Child with Autism Spectrum Disorder Hamama Liat , Tel Aviv University, Israel
15:20-15:40	Time Varying Analysis of Dynamic Resting-state Functional Brain Network to Unfold Memory Function Tahmineh Azizi , University of Wisconsin-Madison, USA
15:40-16:00	Language Deficits through Development Predicted from rs-fMRI Neural Network Connectivity in Utero Roy Eagleson , The University of Western Ontario, Canada
16:00-16:20	Safety of Antidepressant Types Following Traumatic Brain Injury in Elderly Patients: A Retrospective Database Analysis Manvita Mareboina , Penn State College of Medicine, USA
16:20-16:40	A 42-year-old Male with Progressive Muscle Weakness and Joint Contractures Alba Coraini , Mass General Brigham, USA
16:40-16:50	Break
NDS Track-03	
16:50-17:10	Assessing Environments for People Living with Dementia: A Review of Tools Migette Kaup , IDEAS Institute, USA Addie Abushousheh , The Center for Health Design, USA Margaret Calkins , IDEAS Institute, USA
17:10-17:30	Prevention of Strokes by Interventions in Quantum Chinese Medicine Shui Yin Lo , quantum Health Research Institute, USA
Keynotes	
17:30-18:10	TBA Jin Jun Luo , Temple University, USA
18:10-18:30	Membrane Insertion of Tyrosine-10 Determines Membrane Channel Formation by Unmodified and Pyroglutamylated Amyloid b Peptides Suren A. Tatulian , University of Central Florida, USA
18:30-18:50	How Does Air Pollution Impact Alzheimer's disease Development? -Lessons Learned from Mouse Study Tao Sun , Cedars-Sinai Medical Center, USA
Poster Presentation	
18:50-19:00	Decoding Brain Waves Utilizing Machine Learning for Epilepsy Detection via EEG Scans Vansh Patel , University of Toledo, USA
19:00-19:10	Closing Remark

We wish to see you in

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