

6TH EDITION OF
INTERNATIONAL CONFERENCE ON

NEUROLOGY AND BRAIN DISORDERS



IN-PERSON

Hilton Garden Inn Lake Buena Vista/
Orlando 11400 Marbella Palm Ct,
Orlando, FL 32836, United States



VIRTUAL

Eastern Time
(US & Canada)

October 24-26, 2022 | Orlando, Florida, USA

CONFERENCE PROGRAM

Contact us:

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DAY 01

Monday, October 24
(In-person & Virtual)

08:00 - 08:50
Registrations

08:50 - 09:00
Opening Ceremony and Introduction

09:00 - 09:40
In-person Keynote Presentation

09:40 - 10:20
Virtual Keynote Presentation

10:20 - 11:00
In-person Keynote Presentation

11:20 - 12:50
Virtual Keynote Presentations

12:50 - 16:10
In-person Oral Presentations

16:10 - 16:30
Virtual Oral Presentation

16:30 - 17:10
In-person Oral Presentations

17:30 - 18:30
In-person Poster Presentations

DAY 02

Tuesday, October 25
(Fully Virtual)

08:50 - 09:00
Opening remarks

09:00 - 15:20
Virtual Oral Presentations

15:20 - 16:00
Virtual Keynote Presentation

16:00 - 17:40
Virtual Poster Presentations

17:40 - 18:20
Virtual Oral Presentations

DAY 03

Wednesday, October 26
(Fully Virtual)

08:50 - 09:00
Opening remarks

09:00 - 09:40
Virtual Keynote Presentation

09:40 - 16:20
Virtual Oral Presentations

16:20 - 18:00
Virtual Poster Presentations

DAY 01 Break Timings

11:00-11:20

Coffee Break

13:10-14:10

Lunch Break

17:10-17:30

Coffee Break

VIRTUAL

IN-PERSON

Important Note

- The program timings follow the EDT time zone. Virtual presenters are requested to convert the schedule as per their respective local timings.
- Slight changes in Program may arise due to technical issues or no shows, presenters are requested to stay available on the entire day of presentation.

DAY 01

6th Edition of International Conference on NEUROLOGY AND BRAIN DISORDERS

MONDAY, OCTOBER 24, 2022

KEYNOTE PRESENTATIONS

EDT Time Zone

@PALM ROOM

08:00-08:50 | Registrations

08:50-09:00 | Opening Ceremony and Introduction

Moderator:

Maral Kasiri

University of California, Irvine, United States

09:00-09:40 | In-person

Thomas J. Webster

Interstellar Therapeutics,
United States

Title: Nanomedicine and the brain: A perfect combination?

09:40-10:20 | Virtual

Ken Ware

NeuroPhysics Therapy Institute,
Australia

Title: Rogue percepts = Rogue responses: What are the possible sets of initial conditions that give rise to Willis-Ekbom Disease - Restless Legs Syndrome (RLS), and can RLS be therapeutically pacified? - A neurophysics therapy study and hypothesis based upon observations and outcomes

10:20-11:00 | In-person

Andreas Till

University of Bonn, Germany

Title: In vitro modelling of brain development and neurodegenerative diseases

Group Photo

11:00-11:20 | Coffee Break @Foyer

11:20-12:00 | Virtual

Calixto Machado

Institute of Neurology and
Neurosurgery, Cuba

Title: The case of jahi mcmath: Dilemmas and controversies in the diagnosis of brain death

12:00-12:50 | Virtual

W S El Masri

Keele University,
United Kingdom

Title: Prognostic indicators of spontaneous neurological recovery following traumatic spinal cord injuries and the role of the neurologist

ORAL PRESENTATIONS

Chairs:

Andreas Till, University of Bonn, Germany

W S El Masri, Keele University, United Kingdom

Thomas J. Webster, Interstellar Therapeutics, United States

12:50-13:10 | In-Person

Fulya Turker

Johns Hopkins University,
United States

Title: Application of activity-based probe, MV151, in the mammalian nervous system reveals new insight into proteasome changes in human Alzheimer's Disease brain

13:10-14:10 | Lunch Break @Citrus room

EDT Time Zone

14:10-14:30 In-Person

Arman Fijany

TCU School of Medicine,
United States

Title: Multi-characteristic opsin gene delivery for neuromodulation of inflammatory and persistent pain sensation in rodent model

14:30-14:50 In-Person

Marina Martinez-Vargas

Baylor College of Medicine,
United States

Title: VWF regulates the expression of adhesion molecules, modulating vascular permeability in endothelial cells after a TBI

14:50-15:10 In-Person

Arman Fijany

TCU School of Medicine,
United States

Title: Optogenetic neuromodulation of allodynia and hyperalgesia pain responses in rodent model

15:10-15:30 In-Person

Amir Hadanny and Mohammed Elamir

Aviv Clinics, United States

Title: A new outlook on brain injury recovery

15:30-15:50 In-Person

Ulrich Sprick

Alexius/Josef Clinic Neuss, Germany

Title: MRI-navigated Transcranial Pulse Stimulation (TPS) as an alternative option for severe treatment-resistant depression– A case report

15:50-16:10 In-Person

Aygun BadaLova

University College London,
United Kingdom

Title: Could we see Alzheimer's Disease through the eye?

16:10-16:30 Virtual

Dell G Mars

Southeastern Louisiana University,
United States

Title: Lived experience of the African American informal caregivers of a family member with Alzheimer's Disease and related dementia

16:30-16:50 In-Person

Lakshmi Sundeep

Hindustan Institute of Technology
and Science, India

Title: Screening of biomarkers for acute ischemic stroke using bioinformatics analysis

16:50-17:10 In-Person

Xiaodong Cheng

Shanghai University of Traditional
Chinese Medicine, China

Title: Remyelination is enhanced by astragalus polysaccharides through inducing the differentiation of oligodendrocytes from neural stem cells in cuprizone model of demyelination

17:10-17:30 | Coffee Break @Foyer

(17:30-18:30) POSTER PRESENTATIONS

PP001

In-Person

Alsu Zagorulko

Illinois Center for Neurological and Behavioral Medicine, United States

Title: Mortality, length of stay, and cost of hospitalization among adult patients with multiple sclerosis: Results from the national inpatient sample

PP002

In-Person

Solomon Nittala

Larkin Community Hospital Palm Springs Campus, United States

Title: The Apt diagnosis of progressive supranuclear palsy with frontal predominance: A case report

PP003

In-Person

Elita Delbruck

California University of Science and Medicine, United States

Title: Rapidly progressive sporadic Creutzfeldt-Jakob Disease (CJD): A case report and literature review

PP004

In-Person

Luis A. Sierra

Beth Israel Deaconess Medical Center, United States

Title: A mild cognitive impairment diagnostic tool in comparison to the unified Huntington's Disease rating scale: Cognitive battery

PP005

In-Person

Rebecca Lees

Guthrie Robert Packer Hospital, United States

Title: Improving stroke quality metrics at Robert Packer Hospital

PP006

In-Person

Siri Tummala

TCU School of Medicine, United States

Title: Factors influencing patients' decisions to undergo recommended spinal surgery

PP007

In-Person

Gerald W. Grass

Ketamine Research Institute, United States

Title: A new methodological approach to improve the "Real Word" effectiveness of ketamine infusion therapy for treatment-resistant depression

PP008

In-Person

Maral Kasiri

University of California, Irvine United States

Title: Investigation of low frequency thalamic and pallidal local field potential correlation with voluntary movement in children with dystonia

PP009

In-Person

Johanna Christina Reiners

Ulm University, Germany

Title: Pre-exposure to acute stress modulates the molecular response to a mild traumatic brain injury

EDT Time Zone

PP010

In-Person

Judith Stefanie Scheller
Ulm University, Germany

Title: NF- κ B is a critical mediator of age-dependent white matter loss

PP011

In-Person

Smaili Rachid
University hospital of Tangier-
Tétouan-Al Hoceima, France

Title: Imatinib as a treatment for prion disease: A historical case of sporadic creutzfeldt jacob disease complicating chronic myeloid leukemia on imatinib

PP012

In-Person

Peter Facchini
Enveric Biosciences, Canada

Title: Design and synthesis of novel psilocin prodrugs with improved metabolic and pharmacokinetic properties as candidate therapies for treatment-resistant anxiety disorders

PP013

In-Person

Jillian Hagel
Enveric Biosciences, Canada

Title: Isolation of a novel N-methyltransferase from psychedelic cane toad (*Rhinella murina*) deployable in bio-based production platforms for psychiatric drug discovery

PP014

In-Person

Ilhan Yu
Nowon eulji university hospital,
Korea, Republic of

Title: Parsonage-Turner syndrome following COVID-19 vaccination: Case series

PP015

In-Person

Min-sung Gee
Kyunghee University, Korea,
Republic of

Title: A selective p38 α / β MAPK inhibitor alleviates neuropathology and cognitive impairment, and modulates microglia function in 5xFAD mouse

PP016

In-Person

Vildan Tuncbilek
Tekirdag Namik Kemal University,
Turkey

Title: Multiple autoimmune syndrome: Combination of neuromyelitis optica spectrum disorder with myasthenia gravis, systemic lupus erythematosis and hashimoto tiroiditis

End of Day 1

ORAL PRESENTATIONS

EDT Time Zone

08:50-09:00 | Opening Remarks

Chair:
Harinder Jaseja
NIMS University, India

09:00-09:20 Virtual

Georgios Matis

University Cologne Hospital,
Germany

Title: Which is the role of ziconotide in the intrathecal pain treatment?

09:20-09:40 Virtual

Brandon Lucke-Wold

University of Florida, United States

Title: Recent advances in the understanding of the pathophysiology of neurotrauma

09:40-10:00 Virtual

Leya Maliekal

Wayne State University School of
Medicine, United States

Title: Treating rubral tremors with divalproex sodium

10:00-10:20 Virtual

Flavia I. Spiroiu

McMaster University, Canada

Title: The association between intolerance of uncertainty with social interaction anxiety and performance anxiety-mediating factors

10:20-10:40 Virtual

David Chang

NHS Hull University Teaching Trust,
United Kingdom

Title: VTE prophylaxis in stroke

10:40-11:00 Virtual

Alice Tebboth

East Sussex Healthcare NHS Trust,
United Kingdom

Title: Cerebral Amyloid Angiopathy Related Inflammation (CAARI) diagnosis and response to intravenous methylprednisolone in a district general hospital

11:00-11:20 Virtual

Flavia I. Spiroiu

McMaster University, Canada

Title: Cognitive and behavioral mechanisms of transcranial direct current stimulation in obsessive-compulsive disorder

11:20-11:40 Virtual

Cristian Ravariu

Polytechnic University of Bucharest,
Romania

Title: Systemic models: From the neuromuscular junction to the upper levels of the nevrax

EDT Time Zone

11:40-12:00	Virtual	Harinder Jaseja NIMS University, India	Title: Optimizing deep brain stimulation parameters in intractable epilepsy: An EEG based innovative approach
12:00-12:20	Virtual	Kunal Bhanot and Muhesh Taheem Imperial College London, United Kingdom	Title: Investigating the effects of blast traumatic brain injury on the hypothalamus in a porcine model
12:20-12:40	Virtual	Paul Raj Jyoti Nivas College, India	Title: Reading and reading disorders in children: Perspectives from developmental neuroscience
12:40-13:00	Virtual	Maria Joao Sacadura Catholic University of Portugal, Portugal	Title: Adherence to treatment regimen in end-stage renal disease. Insights from neuroscience of "habit" and the importance of social networks in case management
13:00-13:20	Virtual	Manuel Narvaez Pelaez University of Malaga, Spain	Title: New preclinical findings in depression and neurodegenerative diseases: Role for galanin and neuropeptide Y interaction in the hippocampus
13:20-13:40	Virtual	Irene Fasciani University of L'Aquila, Italy	Title: Detrimental effects of light at 610 nm on dopamine neurons and implications for parkinson's disease onset
13:40-14:00	Virtual	Julia Souza E Costa Anhembi Morumbi University, Brazil	Title: Victim of trauma trauma by high caliber firegun: Case report
14:00-14:20	Virtual	Ana Beatriz Lima Pedroza Universidade Anhembi Morumbi, Brazil	The role of microsurgery on the treatment of meningioma: A Case Report and literature review
14:20-14:40	Virtual	Julia Souza E Costa Anhembi Morumbi University, Brazil	Title: Case report - Facial nerve palsy associated with COVID-19 infeccion
14:40-15:00	Virtual	Noor Azzizah Omar National University of Malaysia, Malaysia	Title: The effects of neurotrophin-3 in zebrafish parkinson model

EDT Time Zone

15:00-15:20

Virtual

Nishi M Satish

VMMC and Safdarjung Hospital, India

Title: Lebers hereditary optic neuropathy: The importance of a multidisciplinary approach

KEYNOTE PRESENTATION

15:20-16:00

Virtual

Roy G Beran

Western Sydney University, Australia

Title: An alternative approach to gait inertia and failed righting reflexes

POSTER PRESENTATIONS

16:00-16:10

Virtual

Ryane Elizabeth Adams

McGovern Medical School, United States

Title: A case of myelin oligodendrocyte glycoprotein antibody disease presenting similar to multiple sclerosis

16:10-16:20

Virtual

Jacob Saucier

University of Sherbrooke, Canada

Title: Cognitive inhibition deficit in post COVID-19 syndrome

16:20-16:30

Virtual

Beata Lindholm

Lund University, Sweden

Title: Gait and balance among people with de novo vs. mild to moderate parkinson's disease

16:30-16:40

Virtual

Gabriela Dumitrita Stanciu

Grigore T. Popa University of Medicine and Pharmacy, Romania

Title: Preclinical in vivo study on selective cannabinoid receptor type 2 and donepezil combined therapy in Alzheimer's disease

16:40-16:50

Virtual

Mariam Al-Umran

Alfaisal University, Saudi Arabia

Title: Intracranial extramedullary hematopoiesis as "Ghost Tumor (Meningioma)": First case report in sickle cell disease and review of literature

16:50-17:00

Virtual

Begum Bulgurluoglu

Hisar Schools, Turkey

Title: Nicotine's effect on neurons and on the brain

17:00-17:10

Virtual

Marcia Castillo

Centro de Salud Fundación Activo 20-30, Dominican Republic

Title: Sex differences in clinical and functional outcomes of parkinson's disease: single center experience in República Dominicana

EDT Time Zone

17:10-17:20

Virtual

Zhi-Hao Liu

Daping Hospital, China

Title: The impact of APOE4 genotype on the $A\beta$ phagocytosis function of blood monocytes

17:20-17:30

Virtual

Khadga Raj Aran

ISF College of Pharmacy, India

Title: Neuroprotective effect of L-Theanine against tramadol induced parkinson's like symptoms in experimental rats

17:30-17:40

Virtual

Vanessa Veronica

Duta Wacana Christian University,
Indonesia

Title: Leukocyte count and neutrophil-to-lymphocyte ratio as simple hematologic predictors of stroke severity and functional outcome in acute ischemic stroke patients

ORAL PRESENTATION

17:40-18:00

Virtual

Keith Stenning

University of Edinburgh, Scotland

Title: In two minds? Because we need two logics

18:00-18:20

Virtual

Seyyedeh Somayyeh

Moshir Estekharez

Ferdowsi University of Mashhad, Iran
(Islamic Republic of)

Title: Memory and executive functioning outcomes of selective amygdalohippocampectomy in patients with hippocampal sclerosis: A preliminary study in a developing country

End of Day 2

KEYNOTE PRESENTATIONS

EDT Time Zone

08:50-09:00 | Opening Remarks

Moderator:
Flavia I. Spiroiu
McMaster University, Canada

09:00-09:40 Virtual

Torbjorn Backstrom
University of Umea, Sweden

Title: GABA-A receptor modulating steroids impair memory and promotes dementia but can be antagonized with GABA-A receptor modulating steroid antagonists

ORAL PRESENTATIONS

09:40-10:00 Virtual

Mohammad Abu-Abaa
Capital Health Regional Medical
Center, United States

Title: Seizure as the main manifestation of non alcoholic wernicke's encephalopathy but without cortical involvement

10:00-10:20 Virtual

Geetanjali Rathore
University of Nebraska Medical
Center, United States

Title: Pediatric autoimmune encephalitis-finding a consensus on diagnosis and management

10:20-10:40 Virtual

Benjamin Pinker
Imperial College London,
United Kingdom

Title: mTOR signaling and potential therapeutic targeting in meningioma

10:40-11:00 Virtual

Ana Lilia Rodríguez Villegas
Universidad Nacional Autónoma de
México, Mexico

Title: Executive function and adaptive coping as frontal lobe functions in healthy adults

11:00-11:20 Virtual

Tongtong Li
Michigan State University,
United States

Title: Brain information processing capacity modeling

11:20-11:40 Virtual

Yasemin Tugce Yayla
Memorial Sisli Hospital, Turkey

Title: A retrospective exploration of in-hospital rehabilitation findings in post-stroke patients: Functional measures and complications

EDT Time Zone

11:40-12:00	Virtual	Michelle Herman Michelle Herman Speaks, United States	Title: Inside the mind of a 32 year old stroke survivor living with moya moya disease
12:00-12:20	Virtual	Annapurna Ahuja Hazariabag College of Dental Sciences and Hospital, India	Title: Periodontitis and neurodegenerative disorders. A possible link
12:20-12:40	Virtual	Almutazballah Bassam Qablan Jordan University of Science and Technology, Jordan	Title: Hypoglossal nerve stimulation (baseline vs. 12 months) for obstructive sleep apnea: A meta-analysis
12:40-13:00	Virtual	Paulo Henrique Leite Souza Nove de Julho University, Brazil	Title: Effect of transcutaneous auricular vagus nerve stimulation on inflammation, cardiac autonomic modulation and health status of individuals with COVID-19: A randomized, blind, and controlled trial
13:00-13:20	Virtual	Priyanka Sethi Manav Rachna International Institute of Research and Studies, India	Title: Prevalence and diagnosis of fibromyalgia: A narrative review
13:20-13:40	Virtual	Bruany Antoniulli Bianchi Universidade Anhembi Morumbi, Brazil	Title: Hypoxic-ischemic encephalopathy secondary to fat emboli responding to modafinil treatment: A case report and brief literature review
13:40-14:00	Virtual	Lama Saad El-Din Mahmoud October 6 University, Egypt	Title: Effect of motor learning augmented cues on cognitive functions in parkinson
14:00-14:20	Virtual	Esraa Askar Northwell/Hofstra Zucker School of Medicine, United States	Title: A case of transient global amnesia triggered by sexual intercourse
14:20-14:40	Virtual	Esraa Askar Northwell/Hofstra Zucker School of Medicine, United States	Title: Aortic graft infection secondary to campylobacter fetus

EDT Time Zone

14:40-15:00

Virtual

Fareha Khalil

University of Limerick, Ireland

Title: Developmental outcome and peri-natal diagnosis of agenesis of the corpus callosum

15:00-15:20

Virtual

Hamza Islam

Punjab Medical College, Pakistan

Title: Deep brain stimulation in treatment of parkinson's disease

15:20-15:40

Virtual

Rabia Islam

Punjab Medical College, Pakistan

Title: Risk of stroke with mitral stenosis: The underlying mechanism, treatment, and prevention

15:40-16:00

Virtual

Sajjad Saghebdoost

Razavi Hospital,
Iran (Islamic Republic of)

Title: Role of percutaneous laser disc decompression in patients with lumbar disc herniation on pain relief: A quasi-experimental pilot study

16:00-16:20

Virtual

Sajjad Saghebdoost

Razavi Hospital,
Iran (Islamic Republic of)

Title: Radiological outcome of operative treatment with posterior approach in patients with thoracolumbar junction traumatic injuries: A single-center pilot study in a developing country

POSTER PRESENTATIONS

16:20-16:30

Virtual

Shreenal Patel

HCA healthcare Houston,
United States

Title: A rare case of probable neurosarcoidosis

16:30-16:40

Virtual

Hannah Girgis

Aultman Hospital, United States

Title: A de novo case of neurofibromatosis type 2

16:40-16:50

Virtual

Joshua Burshtein

Donald and Barbara Zucker School of
Medicine, United States

Title: Cost analysis of inpatient bacterial meningitis hospitalizations, 2014 - 2020

16:50-17:00

Virtual

David Gale

Rosalind Franklin University of
Medicine and Science, United States

Title: Multiple sclerosis disease modifying pharmacotherapies effect on EBV infection

EDT Time Zone

17:00-17:10

Virtual

Neil Gerts

Los Robles Regional Medical Center,
United States

Title: COVID infection and the surprise guillain barre syndrome diagnosis

17:10-17:20

Virtual

Rebecca Simon

Nova Southeastern University,
United States

Title: Intracranial mass: Meningioma vs. thrombosed aneurysm

17:20-17:30

Virtual

Mohammad Abu-Abaa

Capital Health Regional Medical
Center, United States

Title: How uncommon presentation of hyperthyroidism culminated in wernicke's encephalopathy

17:30-17:40

Virtual

Patrick Brown

The University of Queensland,
United States

Title: A system-wide retrospective cohort analysis of the development of psychiatric conditions following concussion

17:40-17:50

Virtual

Anthia Papazoglou

Cantonal Hospital Aarau, Switzerland

Title: Evaluation of the reddesa chart, a new red desaturation testing method, for optic neuritis screening and grading in clinical routine

17:50-18:00

Virtual

Pourya Bahiraei

Tehran University of Medical
Sciences, Iran (Islamic Republic of)

Title: Neuropsychiatric and cognitive aspects of Behcet's syndrome : A systematic review on recent studies

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*"We wish to meet you again at our
upcoming event next year..."*

8th Edition of International Conference on

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October 19-21, 2023 | Boston, Massachusetts, USA | Hybrid Event

<https://neurologycongress.com/>



Questions? Contact

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