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13TH EDITION OF

INTERNATIONAL CONFERENCE ON

NEUROLOGY, BRAIN HEALTH & NEUROLOGICAL DISORDERS

HYBRID EVENT

24-26 JUNE 2027

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ROME, ITALY OR VIRTUALLY

TENTATIVE PROGRAM

CONFERENCE TOPICS

- Alzheimers and Parkinsons Diseases
- Neuroimmunology and Neurological Infections
- Cognitive Neuroscience and Psychology
- Neuroinformatics and Computational Neuroscience
- Neurological Disorders
- Neurobiology
- Molecular Neuroscience
- Pediatric Neurology
- Clinical Neurology
- Translational Neurology

Theme:

Advancing Brain Health and Neurological Care through Research and Innovation

+1 (702) 988-2320 +1 (540) 709-1879 | https://neurology.magnusconferences.com/

Keynote Speakers



Ben A Sutter
UNLV School of Dental Medicine Department of Clinical Sciences, United States



Jonathan Eskenazi
Cedars Sinai Medical Center, United States



Juliet K Haarbauer Krupa
Emory University School of Medicine, United States



Sid O Bryant
University of North Texas Health Fort Worth, United States



W Jim Zheng
University of Texas Health Science Center at Houston, United States



Yong Xiao Wang
Albany Medical College, United States



Luiz Moutinho
University of Suffolk, United Kingdom



W S El Masri
Keele University, United Kingdom



Ken Ware
Neurotricional Sciences Institute, Australia



Bernd Blobel
University of Regensburg, Germany



Sergey Victorovich Suchkov
N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russia



Zhenhuan Liu
Nanhai Maternity and Children Hospital Affiliated to Guangzhou University of Chinese Medicine, China



Harinder Jaseja
Abdul Kalam Institute of Medical Sciences, India

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KEYNOTE PRESENTATIONS

Jonathan Eskenazi, Cedars Sinai Medical Center, United States

Title: TBI diagnostic and therapeutics

Sid O Bryant, University of North Texas Health Fort Worth, United States

Title: Anticipating a precision medicine model for neurodegenerative diseases: Opportunities and strategies

Juliet K Haarbauer Krupa, Emory University School of Medicine, United States

Title: Understanding pediatric traumatic brain injury across the childhood lifespan

Ben A Sutter, UNLV School of Dental Medicine Department of Clinical Sciences, United States

Title: Disclusion time reduction (DTR) therapy as a non-surgical approach to trigeminal neuralgia: Clinical outcomes and potential neuromuscular mechanisms

W Jim Zheng, University of Texas Health Science Center at Houston, United States

Title: From ontology fingerprints to BRAINCELL-AID: Literature-driven gene function and brain cell annotation

Yong Xiao Wang, Albany Medical College, United States

Title: Will be Updated Shortly

W S El Masri, Keele University, United Kingdom

Title: Acute traumatic spinal cord & cauda equina injuries: Evidence based neurological and other outcomes of active physiological conservative management of the injured spine with all the effects of neural tissue damage

Luiz Moutinho, University of Suffolk, United Kingdom

Title: Is brain just a machine?

Ken Ware, Neurotricional Sciences Institute, Australia

Title: Compromised psychophysical orientation to the vertical gravitational constant and its role in the emergence of complex neurological and mental disorders

Bernd Blobel, University of Regensburg, Germany

Title: Managing healthcare transformation towards intelligent and ethical personalized, preventive, predictive, participative precision medicine ecosystems

Sergey Victorovich Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russia

Title: Will be Updated Shortly

Zhenhuan Liu, Nanhai Maternity and Children Hospital Affiliated to Guangzhou University of Chinese Medicine, China

Title: Neuromodulation of scalp electroacupuncture in the treatment of autism spectrum disorder

Harinder Jaseja, Abdul Kalam Institute of Medical Sciences, India

Title: Optimizing deep brain stimulation parameters in intractable epilepsy: An EEG based innovative approach

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ORAL PRESENTATIONS

Mustafa A Khan, Sevaro Health Inc, United States

Title 1: The action potential as a soliton: A geometric derivation from the de Broglie relation with anatomical and clinical implications
Title 2: Prince transform: A wave-mechanical framework for real-time EEG analysis and early seizure prediction using chirp and drift detection

Sid O Bryant, University of North Texas Health Fort Worth, United States

Title: Towards a world of optimal brain health for all

W S El Masri, Keele University, United Kingdom

Title: Acute traumatic spinal cord & cauda equina injuries: Physiological & clinical basis of a fit for purpose model of service delivery and methods of management that led to the healthy survival of patients

Milton C R Medeiros, Irmandade Santa Casa de Arapongas, Brazil

Title: Transcranial direct current stimulation: From mechanisms to clinical applicability. Why is a promising, safe, and accessible therapy still underutilized?

Abhishek Bansal, New Era Consultancy Services, India

Title: The Bansal neuron model: Nonlinear membrane charge, field-to-neuron coupling, and multi-resonant dynamics

Rishika Dhapola, Central University of Punjab, India

Title: Therapeutic efficacy of exosomes in streptozotocin-induced rat model of Alzheimer's disease: A neurobehavioral, biochemical, and histopathological investigation

Hisham Megahed, National Research Centre, Egypt

Title: Defining the genetic landscape of developmental and epileptic encephalopathy in Egyptian children using whole exome sequencing

Syeda Nadia Ahmad, University of Chakwal, Pakistan

Title: Ameliorative potential of kalonji seed oil against bifenthrin induced pituitary histopathologies in albino mice

Benjamin Adebisi, Institute of Anatomy Cell Biology Brain and Neurodegeneration, Nigeria

Title: Translational insights into molecular mechanisms and neurodegeneration: Bridging experimental models and clinical realities

Oral presentation slots are available

POSTER PRESENTATIONS

Hao Peng Zhang, Xijing Hospital, China

Title: The study on effects of acute exposure to high altitude hypoxia on cognitive function in lowlander

Arvie Dorothy V Parcon, Iloilo Mission Hospital, Philippines

Title: Exploring the role of the red cell distribution width in predicting clinical outcomes among adult patients admitted for stroke in a resource-limited setting: A 3-year retrospective single-center study

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Labiba Fadel, Military Hospital, Algeria

Title 1: Effects of an intensive rehabilitation program on motor symptoms and quality of life in intermediate stages of Parkinson's disease
Title 2: Value of a multidimensional assessment of balance and gait disorders in patients with intermediate-stage Parkinson's disease

Naima Benzamouche, Central Army Hospital, Algeria

Title 1: Predictors of functional recovery three months after a stroke: A study of 107 patients with hemiplegia
Title 2: Pediatric ischemic stroke in a post-COVID-19 context: A case report of left hemiplegia

N B Nurmetov, Tashkent State Medical University, Uzbekistan

Title: Results of a comparative study on the efficacy of transcranial magnetic stimulation in the treatment of cerebral forms of multiple sclerosis

Bhumika Ghimire, Tribhuvan University Teaching Hospital, Nepal

Title: Delayed recognition of anti-NMDAR encephalitis mimicking primary psychiatric illness: A case report

Olawale Sunday Asabi, Osun State College of Health Technology, Nigeria

Title: Housing characteristics as environmental determinants of psychological well-being: Implications for brain health and mental health promotion among rural dwellers in Osun State, Nigeria

Poster presentation slots are available