

Scientific Program

International Conference on

BRAIN INJURY AND BRAIN DISORDERS

January 11-12, 2024 | Dubai, UAE



BRAIN INJURY 2024

Pulsus Group

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<https://braininjury.pulsusconference.com/>



Thursday | January 11, 2024 | Day 1

Keynote Forum

- 09:15-10:00** Title: A complete scientific theory to understand the brain, neurons and intelligence based on linking senses, emotions, basic needs for the brain and the seven types of info recorded in the brain
Andre Mainville | Ohio State University | USA
- 10:00-10:45** Title: Neurological recovery following traumatic spinal cord injuries
W S El Masri | Keele University | UK
- 10:45-11:30** Title: Alterations of Brain Activity regions in Neurological Disorders at rest
Radu Mutihac | University of Bucharest | Romania

Networking & Refreshment Break 11:30-11:45

- 11:45-12:30** Title: A possible Neuroregeneration on ASIA-A scale using a Neurostimulator and combinatorial Biologics: Bioquantine® and Wharton's Jelly Mesenchymal Stem Cells as standardized therapy for No Option patients
Joel Isaias Osorio | Biotechnology and Regenerative Medicine at Regener Age | Mexico

Panel Discussion

Sessions on: Traumatic Brain Injury (TBI) | Stroke and Cerebrovascular Disorders | Neurodegenerative Diseases | Neurological Rehabilitation | Neuroimaging and Neurodiagnostics | Neuroimaging Biomarkers

Sessions Chair: Andre Mainville | Ohio State University | USA

- 12:30-13:00** Title: Low frequency transcranial magnetic stimulation: a potential therapeutic tool in the treatment of autism spectrum disorders
Olivia Bell | Bristol University | UK
- 13:00-13:30** Title: Stereotactic Awake Basal Ganglia Electrophysiological Recording and Stimulation (SABERS): A Staged Procedure for Personalized Targeting of Deep Brain Stimulation in Pediatric Movement and Neuropsychiatric Disorders
R Aaron Robison | Loma Linda University | USA

Lunch Break 13:30-14:30

Panel Discussion

- 14:30-15:00** Title: Neuroscience of sleep and memory applied at school settings
Vanessa Vidal | The Buenos Aires Institute of Technology | Argentina
- 15:00-15:30** Title: Neuroinflammatory mechanisms of posttraumatic Epilepsy
Gabriel M Aris | Sao Paulo Federal University | Brazil

ORAL PRESENTATION SLOTS AVAILABLE

- 15:15-15:45** Title: Communication skills training pilot programme after Traumatic Brain Injury: Short and medium term benefits
Nicole Agrela | Portuguese Catholic University | Portugal

Networking & Refreshment Break 16:00-16:15

Sessions on: Brain Plasticity and Neurorecovery | Brain Plasticity and Neurorecovery | Cognitive and Behavioral Neuroscience | Neuropharmacology and Drug Development | Brain-Machine Interfaces and Neuroprosthetics | Neural Engineering and Neurostimulation

Sessions Chair: W S El Masri | Keele University | UK

- 16:15-16:45** Title: Theoretical discrimination index of postural instability in Amyotrophic Lateral Sclerosis
Jean Noel Vallee | Paris Nanterre University | France

ORAL PRESENTATION SLOTS AVAILABLE

Poster Forum (17:45-18:45)

- PP 01** Title: **Communication Disorders: An issue for Psychiatry, Neurology and Mental healthcare professionals**
Theodore A Petti | Rutgers-Robert Wood Johnson Medical School | USA

POSTER/VIRTUAL SLOTS AVAILABLE

Day 1 Closing Ceremony

Friday | January 12, 2024 | Day 2

09:00 - 09:15 Opening Ceremony/Introduction

Keynote Forum

- 09:15-10:00** Title: **Increased Telomerase Improves Motor Function and Alpha-Synuclein Pathology in a Transgenic Mouse Model of Parkinson's Disease Associated with Enhanced Autophagy**
Gabriele Saretzki | Newcastle University | UK
- 10:00-10:45** Title: **A paradigm for targeting functional impairment as an outcome in Attention-Deficit / Hyperactivity Disorder**
Margaret D Weiss | Cambridge Health Alliance | USA
- 10:45-11:30** Title: **A neurological and philosophical perspective on the design of environments and technology for older people with dementia**
Maarten Johannes Verkerk | Maastricht University | Netherlands

Networking & Refreshment Break 11:30-11:45

- 11:45-12:30** Title: **Severe head injury: Prognostic factors and clinical management**
Ortega Zufiría JM | University Hospital of Getafe | Spain

Panel Discussion

Sessions on: Neuropsychology and Cognitive Assessment | Sports-Related Brain Injuries | Epilepsy and Seizure Disorders | Sleep Disorders and Brain Health | Neuro-oncology | Brain Connectivity and Network Analysis | Computational Neuroscience and Modeling

Sessions Chair: Gabriele Saretzki | Newcastle University | UK

- 12:30-13:00** Title: **Pathogenesis of Epilepsy and mental diseases in the context of neurochemical theories**
Alexander Kharibegashvili | Telavi State University | Georgia
- 13:00-13:30** Title: **Increased telomerase improves motor function and alpha-synuclein pathology in a transgenic mouse model of Parkinson's disease associated with enhanced autophagy**
G Saretzki, T Wan | Newcastle University | UK

Lunch Break 13:30-14:30

- 14:30-15:00** Title: **The role of Mindfulness in reducing the risk of Neurological Disorders**
Michael Kojo Onaolapo | University of Ilorin Teaching Hospital | Nigeria
- 15:00-15:30** Title: **Thrombin preconditioning improves the therapeutic efficacy of mesenchymal stem cells in severe intraventricular hemorrhage induced neonatal rats**
So Yoon Ahn | Sungkyunkwan University School of Medicine | South Korea

ORAL PRESENTATION SLOTS AVAILABLE

Networking & Refreshment Break 16:00-16:15

Panel Discussion

Sessions on: Neuroinflammation and Neuroimmunology | Neurogenetics and Genomic Medicine | Translational Neuroscience | Neuroethics | Global Health and Brain Disorders | Neurodevelopmental Disorders | Neurovascular Disorders Neuro Degenerative Disorders

Sessions Chair: Margaret D Weiss | Cambridge Health Alliance | USA

16:15-16:45 **Title: Cognitive stimulation through Oroï Cognitive, a virtual reality app for older people**
Adriana Gómez | Oroï Wellbeing | Spain

ORAL PRESENTATION SLOTS AVAILABLE

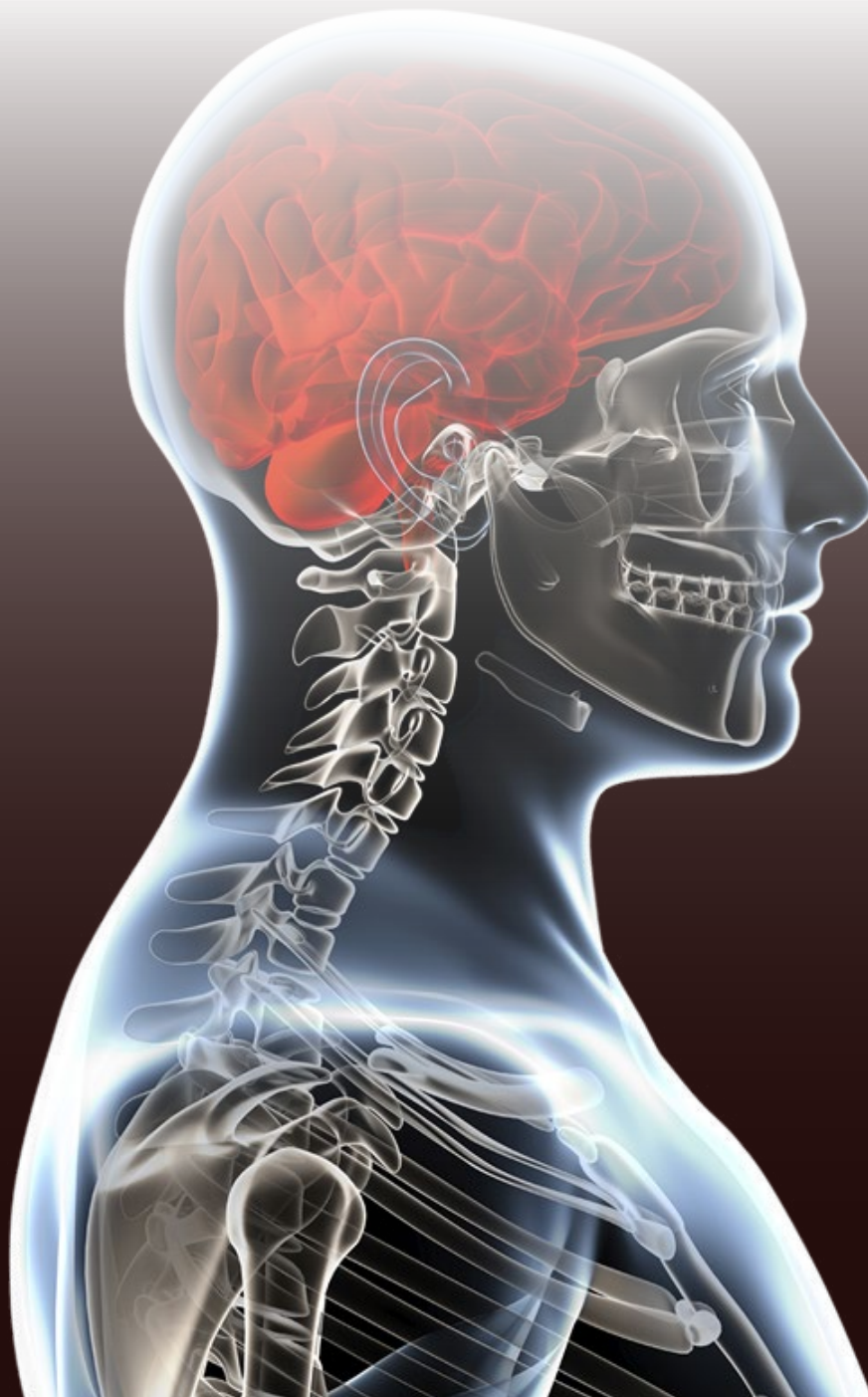
Poster Forum (17:45-18:45)

PP 01 **Title: The Q58L mutation of the androgen receptor (AR) gene as possible cause of early Kennedy disease**

Marco Cassone | Hospital Major of Modica Nino Baglieri | Italy

POSTER/VIRTUAL SLOTS AVAILABLE

Day 03 | Thanks giving, Certificate Distribution and Closing Ceremony



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