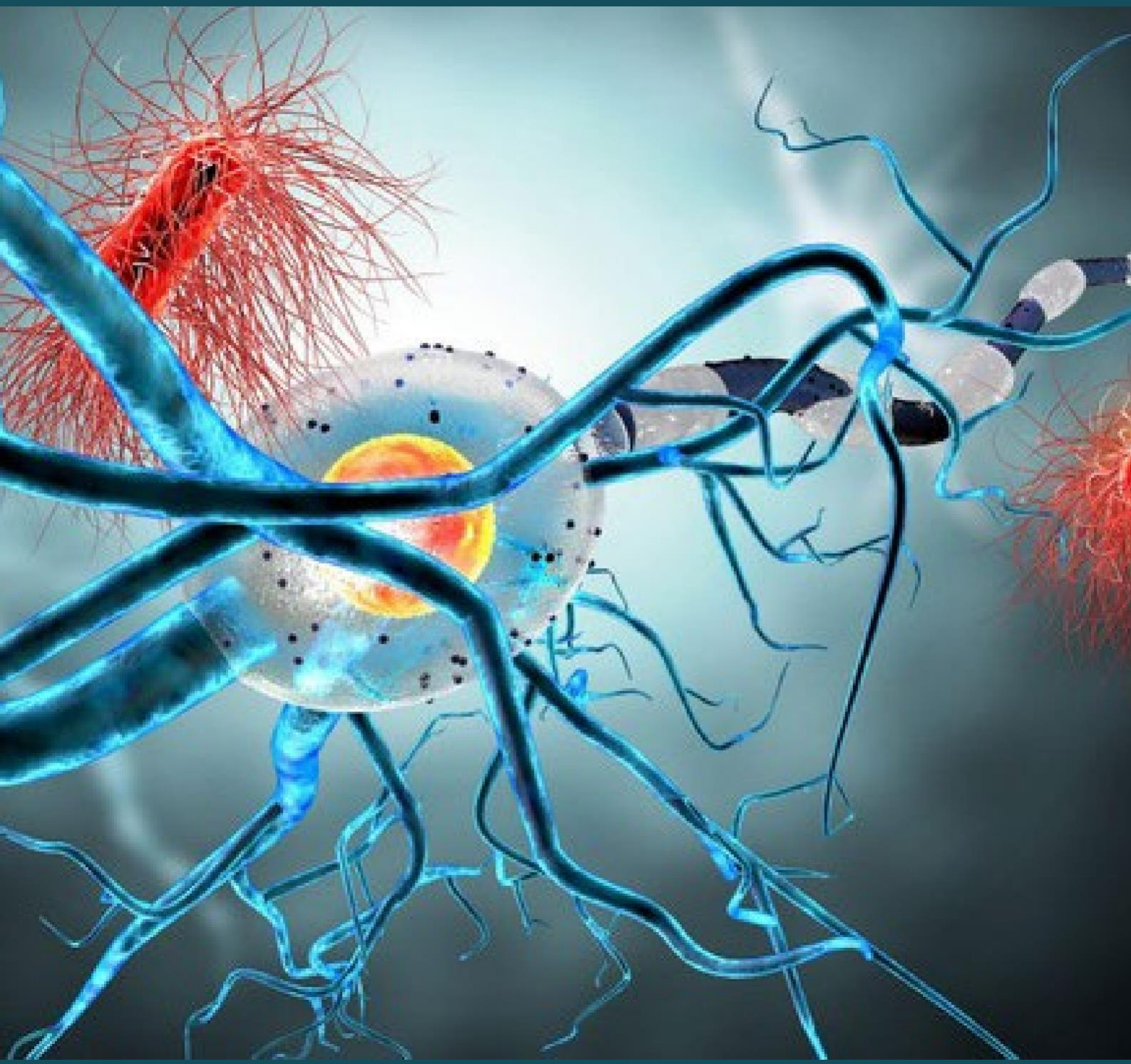
36th World Congress On

Neurorehabilitation

April 11-12, 2024 | Amsterdam, Netherlands

Scientific Program



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Neurorehabilitation 2024

09:00 - 09:15
Opening Ceremony and Introduction

Thursday | April 11, 2024 | Day 1

Keynote Forum

09:15-10:00 **Title: Hearing loss & increased risk of dementia: Treatment options**

Keith N Darrow | Worcester State University | USA

10:00-10:45 **Title: Characterisation of new therapeutic targets for invasive paediatric gliomas**

Farah raha | University of Bordeaux | France

10:45 -11:30 **Title: Critical illness neuropathy and myopathy an emerging phenomenon during COVID-19 circumstances**

Hassan Farid Sheffield Institute of Translational Neuroscience (SITraN) University of Sheffield | UK

Networking & Refreshment Break 11:30-11:45

11:45-12:30 **Title: Immune - Neuroendocrine Interactions in Stress-Induced Neuroinflammation: Mechanisms and Consequences**

Stefan Braun | Sigmund Freud University | Austria

Panel Discussion

Sessions on: Neurology | Neurological Disorders and Clinical Practice | Neuroimaging and Neurophysiology | Neurodegenerative Diseases | Pediatric Neurology

Sessions Chair: Keith N Darrow | Worcester State University | USA

12:30-13:00 **Title: Middle meningeal artery embolization for a chronic subdural hematoma in a young patient with refractory thrombocytopenia secondary to leukemia: more evidence for a Paradigm Shift**

Emalee Burrows | Sir Charles Gairdner Hospital | Australia

13:00-13:30 **Title: DENND5A-related developmental and epileptic encephalopathy driven by loss of symmetric cell division of apical neural progenitors**

Emily Banks | McGill University | Canada

Lunch Break 13:30-14:30

Panel Discussion

14:30-15:00 **Title: Genetic Variants and Epigenetic Modifications in Pediatric Epilepsy: Implications for Precision Medicine**

Koen van den Berg | Utrecht Medical Center | Netherlands

15:00-15:30 **Title: Targeting neural stem cell master regulator NR2E1 as potential therapy to improve Neurogenesis**

Mirjana Maletic – Savatic | Baylor College of Medicine | USA

ORAL PRESENTATION SLOTS AVAILABLE

15:15 -15:45 **Title: The association of insulin resistance in cns and parkinson's disease**

Szu-Yi Chou | Taipei Medical University | Taiwan

Networking & Refreshment Break 16:00-16:15

Sessions on: Neurosurgery | Neuropharmacology and Neurochemistry | Neuroimmunology and Neuroinflammation | Neuro-oncology | Neuromuscular Disorders

Sessions Chair: Farah raha | University of Bordeaux | France

16:15-16:45 **Title: The Gut-Brain Axis in Neurooncology: Influence of the Microbiome on Tumor Development and Treatment Response**

Marcus Thornton | University of Wollongong | Australia

ORAL PRESENTATION SLOTS AVAILABLE

Poster Forum (17:45-18:45)

PP 01 **Title: A randomized, placebo-controlled, double-blind, multiple ascending dose study to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics of NX210c peptide in healthy elderly volunteers**

Annette Janus | Axoltis Pharma | France

POSTER/VIRTUAL SLOTS AVAILABLE

Day 1 Closing Ceremony

Friday | April 12, 2024 | Day 2

09:00 - 09:15 Opening Ceremony and Introduction

Keynote Forum

09:15-10:00 **Title: Clinical surveillance to monitor and maximize efficacy in primary endpoints in epilepsy trials** Sharon Ceanna Fernando | Syneos Health | USA

10:00-10:45 **Title: Functional Neurosurgery for Psychiatric Disorders: Recent Advances and Ethical Considerations**

Hans von Holst | Karolinska Institute Hospital | Sweden

10:45-11:30 **Title: Neurophysiological Mechanisms Underlying the Placebo Effect: From Brain to Body** Rafaela Souza | Federal University of Pernambuco | Brazil

Networking & Refreshment Break 11:30-11:45

11:45-12:30 **Title: Breaking the spell: narrative medicine applications for Psychogenic Nonepileptic Seizures (pnes)**

Robert BSlocum | University of Kentucky HealthCare | USA

Panel Discussion

Sessions on: Neurodermatology | Computational Neurology | Cognitive Neurology | Stem Cells Role in Neuro-Biological Treatment

Sessions Chair: Mourad Tayebi | Western Sydney University | Australia

12:30-13:00 **Title: Neurocognitive Profiling of Exceptional Memory Abilities: Insights from Hyperthymesia**

Sophie Martin | University of Nantes | France

13:00-13:30 **Title: Hypothalamic hamartomas and gelastic seizures. Chilean experience in a pediatric epilepsy surgery program during 13 years**

Maximiliano Paez Nova | University of Chile | Chile

Lunch Break 13:30-14:30

14:30-15:00 **Title: Plasmatic leptin levels and sleep habits in children affected by autism spectrum disorder medication naive**

Marco Carotenuto | University of Campania Luigi Vanvitelli | Italy

15:00-15:30 Title: Application of hypoxic preconditioning in the treatment of Alzheimer's disease Arkadi Prokopov | Athletic HighTech SL | Spain

ORAL PRESENTATION SLOTS AVAILABLE

Networking & Refreshment Break 16:00-16:15

Panel Discussion

Sessions on: Biology of Aging and Neurogenesis | Neurocritical Care | Cerebral Blood Flow and Metabolism | Neurogenetics and Genomic Medicine

Sessions Chair: Tipu Z Aziz | Nuffield Department of Surgical Sciences University of Oxford | UK

16:15-16:45 **Title: A randomized, placebo-controlled, double-blind, multiple ascending dose study to evaluate the safety, tolerability, pharmacokinetics and pharmacodynamics of NX210c peptide in healthy elderly volunteers**

Valerie Bourdes | Axoltis Pharma | France

ORAL PRESENTATION SLOTS AVAILABLE

Poster Forum (17:45-18:45)

PP 01 **Title: Gait neurorehabilitation: algorithms for gait recovery in neurological and neurosurgical clinical practice**

Ivet BKoleva | Medical University of Sofia | Bulgaria

POSTER AND VIRTUAL SLOTS AVAILABLE

Day 2

09:00 - 09:15 Opening Ceremony/Introduction

Keynote Forum

09:15-10:00 **Title: Stress-induced Alzheimer's disease**

Gregory Yeh | University of Michigan | USA

10:00-10:45 **Title: Africa dementia services (ADS)**

Morejoy Saineti | LANH Professional LLP | UK

10:45-11:30 **Title: Neurological recovery following Traumatic Spinal Cord Injuries (TSCI)**

Wagih El Masri | Keele University | England

Networking & Refreshment Break 11:30-11:45

11:45-12:30 **Title: A Novel Neurorehabilitation model designed to examine the Neural Plasticity involved in ParkinsonA Novel Neurorehabilitation model designed to examine the Neural Plasticity involved in Parkinson's diseases disease**

Karolina A Bearss | York University, Multisensory Neuroscience Laboratory | Canada

Panel Discussion

Sessions on: Neurobiology and Neural Circuits | Developmental Neuroscience | Ophthalmology and Visual Neuroscience | Neuropsychology and Cognitive Neuroscience

Sessions Chair: Gregory Yeh | University of Michigan | USA

12:30-13:00 **Title: DENND5A-related developmental and epileptic encephalopathy driven by loss of symmetric cell division of apical neural progenitors**

Emily Banks | McGill University | Canada

13:00-13:30 **Title: Stroke in pregnancy and perinatal period**

Malgorzata Wiszniewska| Stanisław Staszic State University of Applied Sciences in Piła | Poland

Lunch Break 13:30-14:30

ORAL PRESENTATION SLOTS AVAILABLE

Networking & Refreshment Break 16:00-16:15

Panel Discussion

Sessions on: Neurorehabilitation and Neuroengineering | Neurology and artificial intelligence | Neuroinformatics and Computational Neuroscience | Neural tissue Engineering

Sessions Chair: Karolina A Bearss | York University, Multisensory Neuroscience Laboratory | Canada

16:15-16:45 **Title: Salutogenesis, stress responsivity, and neurobiological mechanisms associated with vertebral subluxation.**

Christopher Kent | Sherman College of Chiropractic | USA

16:45-17:15 **Title: Value of therapeutic blood level monitoring when treating patients with Epilepsy**

Roy G Beran | Neurology Department, Liverpool Hospital | Australia

Poster Forum (17:45-18:45)

POSTER AND VIRTUAL SLOTS AVAILABLE

Day 02 | Thanks giving, Certificate Distribution and Closing Ceremony

