

16-17

JUNE, 2023

ROME

ITALY

CONFERENCE
PROGRAM

Joint Event on

NEUROLOGY & DEMENTIA



IN-PERSON

09:00 CEST (UTC +2)

Mercure Roma West
Viale Eroi di Cefalonia, 301, 00128
Roma RM, Italy



VIRTUAL

12:00 CEST (UTC +2)

DAY 01

Friday, June 16
(In-person)

08:00-08:50

Registrations

08:50-09:00

Opening Ceremony and
Introduction

09:00-12:00

In-person Keynote Presentations

12:00-17:00

In-person Oral Presentations

17:00-17:30

In-person Poster Presentations

DAY 02

Saturday, June 17
(Virtual Room 1)

11:50-12:00

AV check

12:00-13:00

Virtual Keynote Presentations

13:00-15:40

Virtual Oral Presentations

15:40-16:40

Virtual Poster Presentations

16:40-18:10

Virtual Keynote Presentations

18:10-20:30

Virtual Oral Presentations

DAY 02

Saturday, June 17
(Virtual Room 2)

11:50-12:00

AV check

12:00-14:30

Virtual Keynote Presentations

14:30-15:50

Virtual Oral Presentations

15:50-16:10

Virtual Poster Presentations

16:10-20:30

Virtual Oral Presentations

IN-PERSON

VIRTUAL

Day 01 Break Timings

11:00-11:20

Coffee Break

13:00-13:40

Lunch Break

17:00-17:30

Coffee Break

Important Note

- The first day (DAY 1) of the program will take place in-person and will start from 09:00 CEST (UTC +2).
- The second day (Day 2) will be virtual presentations and will start from 12:00 CEST (UTC +2).
- Sometimes there may be small changes in the program due to technical problems or presenters not showing up. To avoid missing any presentations, all presenters are asked to be available for the entire day of their presentation.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.

DAY 1

JUNE 16, 2023
Friday

KEYNOTE PRESENTATIONS

CEST Time Zone

@MERCURE ROMA WEST

08:00-08:50 | Registrations

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

Moderator:

YanJun Chen, University of Wisconsin Madison, United States

09:00-09:40 In-Person

Juan Moreira

CNC / Gnosis Neurointegrative
Center, United States

Title: Transcranial laser photobiomodulation on posterior reversible
encephalopathy syndrome

09:40-10:20 In-Person

Thomas J Webster

Interstellar Therapeutics,
United States

Title: Neuro nanomedicine: Penetrating the blood brain barrier, delivering
stem cells, treating stroke and meningitis, and so much more

10:20-11:00 In-Person

Yong Xiao Wang

Albany Medical College,
United States

Title: Cerebral vascular calcium signaling in diabetic Alzheimer's disease-
related dementias

Group Photo

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

11:20-12:00 In-Person

Jacqueline Tuppen

Cogs Club, United Kingdom

Title: Cogs Club: Making a difference

ORAL PRESENTATIONS

Chair:

Yong Xiao Wang, Albany Medical College, United States

12:00-12:20 In-Person

Denise DuPree

Homewatch CareGivers of St.
Pete Beach, United States

Title: Aging in place with dementia: Strategies for successfully aging in
place

12:20-12:40 In-Person

Constantina Mizis

The Latino Alzheimer's and
Memory Disorders Alliance,
United States

Title: Closing gaps by addressing racial & ethnic disparities in
Alzheimer's disease and reducing the cost and risk of dementia in diverse
communities

12:40-13:00 In-Person

Paul Y Song
NKGen Biotech, United States

Title: Use of highly enhanced autologous natural killer cells for advanced Alzheimer's disease

13:00-13:40 | Lunch Break

13:40-14:00 In-Person

Cheng Pak Wing Calvin
The University of Hong Kong, Hong Kong

Title: Efficacy and safety of Transcranial Pulse Stimulation (TPS) in older adults with mild neurocognitive disorder – An open-label trial

14:00-14:20 In-Person

YanJun Chen
University of Wisconsin Madison, United States

Title: The association between pupil reactivity and cognitive measures among community-dwelling middle-aged and older adults

14:20-14:40 In-Person

Juan Moreira
CNC / Gnosis Neurointegrative Center, United States

Title: Transcranial photobiomodulation on acute & subacute stroke patients

14:40-15:00 In-Person

Clemence Leger
University of Burgundy, France

Title: Impact of exercise intensity on cerebral BDNF levels: Role of FNDC5/Irisin

15:00-15:20 In-Person

Ali Riza Gunes
Alexius/ Josef Hospital Neuss, Germany

Title: Case series on brain stimulation using TPS: Sustained therapeutic effects even in early Alzheimer's disease

15:20-15:40 In-Person

Anastasia Demina
University of Burgundy & Dijon University Hospital, France

Title: A randomized double-blind clinical trial on the efficacy of transcranial direct current stimulation in reducing alcohol consumption in non-abstinent patients with alcohol use disorder

15:40-16:00 In-Person

Kais Bouallegue
University of Sousse, Tunisia

Title: DNA process in fractal cells

16:00-16:20 In-Person

Mokhtar Arazpour
University of Social Welfare and Rehabilitation Sciences, Iran

Title: Comparison of the effects of sliding mechanism and reciprocating hinge-type medial linkage of knee-ankle-foot orthoses on walking ability in subjects with spinal cord injury

16:20-16:40 In-Person

Naser Gilani
Farabi Medical Laboratory, Iran

Title: A novel deletion variant in CLN3 with highly variable expressivity is responsible for juvenile neuronal ceroid lipofuscinoses

16:40-17:00 In-Person

Akankunda Veronicah Karuhanga
Golden Age Elderly Homes,
Uganda

Title: The relevance of family involvement in the journey of dementia patients

17:00-17:30 | Coffee Break @Foyer

(17:00-17:30) POSTER PRESENTATIONS

PP001 In-Person

Selin Edil
Hisar School, Turkey

Title: The neurological basis of narcolepsy and how It affects daily life

PP002 In-Person

Zeynep Elif Olmez
Hisar School, Turkey

Title: ADHD in children - Physical and psychological effects

PP003 In-Person

Tansa Nisan Gunerhan
Hisar School, Turkey

Title: Neural circuit and brain structure change in women with PTSD

PP004 In-Person

Begum Bulgurluoglu
Hisar School, Turkey

Title: Pain control theories

PP005 In-Person

Mia Bahar
Hisar School, Turkey

Title: The basis of decision-making

PP006 In-Person

Lara Hanci
Hisar School, Turkey

Title: Human brain mapping - The golden future of neuroscience

PP007 In-Person

Lara Ann Tureli
Hisar School, Turkey

Title: The application of brain-machine interface for prosthetic limb development

PP008 In-Person

Arda Ozkurt
Hisar School, Turkey

Title: Optogenetics on nonhuman primates

PP009 In-Person

Nil Atay
Enka Schools, Turkey

Title: How trauma changes the brain

DAY 2

VIRTUAL ROOM 01

JUNE 17, 2023
Saturday

KEYNOTE PRESENTATIONS

@VIRTUAL ROOM 01

CEST Timings Local Timings

11:50-12:00 CEST | AV check

12:00-12:30 20:00-20:30

Ken Ware

NeuroPhysics Therapy Institute,
Australia

Title: Neuro Physics Therapy (NPT) shows to be a highly effective psychophysical treatment for its patients enduring advanced Facio Scapulohumeral Muscular Dystrophy (FSH, FSHD) symptoms, with significant sustainable generation of lost or highly compromised functions being realized in very small time scales

12:30-13:00 18:30-19:00

Zhenhuan Liu

Guangzhou University of Chinese
Medicine, China

Title: Neuroimaging by evaluation nerve repair and remodeling of acupuncture in children with cerebral palsy

ORAL PRESENTATIONS

13:00-13:20 13:00-13:20

Georgios Matis

University of Cologne, Germany

Title: Intrathecal pain treatment & ziconotide

13:20-13:40 20:20-20:40

Narinobu Juge

Okayama University, Japan

Title: Identified new regulation of vesicular neurotransmitter transporters

13:40-14:00 19:40-20:00

Xiaoyu Chen

Shanghai University of Medicine
and Health Sciences, China

Title: Relationships between sarcopenia, depressive symptoms, and mild cognitive impairment in Chinese community-dwelling older adults

14:00-14:20 20:00-20:20

Peng Siqi

Southeast University, China

Title: A new AAV tool specifically targeting Hippocampal CA2

14:20-14:40 20:20-20:40

Lihong Li

The Second Affiliated Hospital of Zhejiang Chinese Medical University, China

Title: Sleep medicine: Modern medical research and acupuncture therapy

14:40-15:00 19:40-20:00

Nadezhda Khrushcheva

FIC FTM-Federal Research Center, Russia

Title: Controlled reconstruction of cerebral networks: The possibilities of interactive brain therapy (stimulation) on the example of stroke (fMRI-EEG-neurofeedback research)

15:00-15:20 16:00-16:20

Sergey Suchkov

Institute for Biotech & Global Health of RosBioTech and A.I. Evdokimov MGMSU, Russia

Title: Antibody-Proteases as the upgraded translational tools of the next-step generation in personalized and precision neurology practice

15:20-15:40 16:20-16:40

Malka Cohen Armon

Tel-Aviv University, Israel

Title: Long-term memory acquisition and loss are dependent on PARP1-Erk2 synergism

POSTER PRESENTATIONS

15:40-15:50 09:40-09:50

Zahra Khan

University of Toronto, Canada

Title: Remote ischemic conditioning as an adjunct intervention in ICU traumatic brain injury patients: Preliminary findings on injury biomarkers from a randomized controlled trial

15:50-16:00 10:50-11:00

Betiana Comas

Hospital de la Baxada Teresa Ratto, Argentina

Title: Pediatric febril status epilepticus. Case series of children admitted at Hospital de Niños Dr. O. Alassia-Santa Fe, Argentina, period 2015 until 2018

16:00-16:10 17:00-17:10

Cristian Ravariu

Polytechnic University of Bucharest, Romania

Title: Biosensor with acetyl-choline-esterase enzymatic receptor and si-nanoporous layer as entrapping element - Extrapolated to parasympathomimetic pesticides

16:10-16:20 22:10-22:20

Qiaoyun Ren

Southeast University, China

Title: C-terminal domains of GluA2 regulate amyloid-beta induced synaptic and cognitive impairments

16:20-16:30 17:20-17:30

Dalya Sezercan

Hisar School, Turkey

Title: Neuroscience of addiction

16:30-16:40 18:00-18:10

Mona Ramezani
Semnan University of Medical
Sciences, Iran

Title: The effect of pelvic floor muscle training alone or in combination with multi-session anodal transcranial direct current stimulation in the treatment of sexual dysfunction in female patients with multiple sclerosis

KEYNOTE PRESENTATIONS

16:40-17:10 10:40-11:10

Roy F Baumeister
University of Queensland,
United States

Title: Addiction: A problem of motivation, free will, or self-destructive behavior?

17:10-17:40 10:10-10:40

Frank Owen Bastian
Bastian Enterprises,
United States

Title: Live test for chronic wasting disease based on consistent association with an extreme thermoacidphilic bacterium

17:40-18:10 10:40-11:10

Juliana Fort
Louisiana State University Health
Shreveport, United States

Title: Using expressive arts exercises to promote self-care among neurologists and caregivers: An experiential overview

ORAL PRESENTATIONS

18:10-18:30 12:10-12:30

Amir Hadanny
Aviv Clinics, United States

Title: Treating chronic-stage stroke with hyperbaric oxygen therapy

18:30-18:50 11:30-11:50

Rocco Gennaro
University of Southern Indiana,
United States

Title: The neuroscience of mental disorders and the nature of consciousness

18:50-19:10 12:50-13:10

Brandon Lucke Wold
University of Florida,
United States

Title: Arteriovenous malformations: An update on models and therapeutic targets

19:10-19:30 13:10-13:30

Wei Song
National Institutes of Health,
United States

Title: Predicting noncoding disease causal mutations in central nervous system through deep learning



19:30-19:50 12:30-12:50

Geetanjali Rathore
University of Nebraska Medical
Center, United States

Title: The role of newborn screening in the era of gene therapy for neuromuscular disorders

19:50-20:10 12:50-13:10

Mohit Saxena
Northwestern University
Feinberg School of Medicine,
United States

Title: Recent advances in brain imaging

20:10-20:30 11:10-11:30

Lloyd L Tran
Biomed Industries, Inc.,
United States

Title: Neurogenesis hypothesis with a case study-phase 2A clinical trials of NA-831 for the treatment of Alzheimer's disease

20:30-20:50 20:30-20:50

Okechukwu Nwifor Getrude
University of Strasbourg,
France

Title: Evidence of the protective effect of allopregnanolone analogues in Alzheimer's disease experimental models

KEYNOTE PRESENTATIONS

20:50-21:20 13:50-14:20

Arthur P. Bollon
Vitruvian BioMedical, United
States

Title: Targeting Abeta, TAU and pTAU with a DNA therapeutic vaccine for prevention and treatment of Alzheimer's disease



End of Virtual Room 01 Session

DAY 2

VIRTUAL ROOM 02

JUNE 17, 2023
Saturday

KEYNOTE PRESENTATIONS

@VIRTUAL ROOM 02

CEST Timings Local Timings

11:50-12:00 CEST | AV check

12:00-12:30 19:00-19:30

Kaoru Sakatani
The University of Tokyo, Japan

Title: Deep learning-based risk assessment of cognitive impairment using health examination data

12:30-13:00 12:30-13:00

Mario Allegra
University of Palermo, Italy

Title: Evaluation of the neuroprotective potential of Indicaxanthin from *Opuntia ficus indica* fruit against dysmetabolism-related neurodegeneration in high-fat-diet-fed mice.

13:00-13:30 14:00-14:30

Elena Illarionova
Smolensk State Medical University, Russia

Title: Vestibular Migraine

13:30-14:00 19:30-20:00

Lukui Chen
Southern Medical University, China

Title: The application and mechanisms of neural stem cell-derived exosome-based therapy in ischemic stroke

14:00-14:30 08:00-08:30

Jun Hua
Johns Hopkins University School of Medicine, United States

Title: Development of imaging based biomarkers for neurovascular abnormalities in neurodegenerative diseases

ORAL PRESENTATIONS

14:30-14:50 13:30-13:50

Anne Dorothee Rosch
University of Edinburgh, United Kingdom

Title: Examining bilateral cortical activity in patients with Parkinson's disease and healthy controls during speech production: A fNIRS study



14:50-15:10 21:50-22:10

Keun Tae Kim

Korea Institute of Science and
Technology, Korea,
Ji-Hoon Jeong
Chungbuk National University,
Korea

Title: Brain-machine teaming: Recent advances for neural language decoding from EEG signals

15:10-15:30 21:10-21:30

Rui Yuan Pan

Beijing Institute of Basic Medical
Sciences, China

Title: Intermittent fasting protects against alzheimer's pathology via the gut-microbiota-metabolites-brain axis

15:30-15:50 21:30-21:50

Kai Wen He

Interdisciplinary Research
Center on Biology and Chemistry
(IRCBC) Chinese Academy of
Science, China

Title: Brain region-specific tau hyperphosphorylation mediates sleep disruption associated with early stage of Alzheimer's diseases

POSTER PRESENTATIONS

15:50-16:00 22:50-23:00

Byung Hee Han

Kai-i Company, Korea

Title: The effectiveness of a mobile application for early detection of Alzheimer's disease using the Korean Dementia Screening Questionnaire

16:00-16:10 10:00-10:10

Lori Gray

Western Michigan University,
United States

Title: Mindfulness-based protocol for recovery from stroke (MBRFS): A pilot study

ORAL PRESENTATIONS

16:10-16:30 17:10-17:30

Sergey Suchkov

Institute for Biotech & Global
Health of RosBioTech and A.I.
Evdokimov MGMSU, Russia

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model to secure the human healthcare, wellness and biosafety through the view of public health

16:30-16:50 10:30-10:50

Esraa Askar

Forest Hills Hospital,
United States

Title: Psychosocial considerations in management of corticobasal degeneration



16:50-17:10 10:50-11:10

Suren Tatulian
University of Central
Florida, United States

Title: Peptide-based inhibitors of amyloid beta aggregation and toxicity as Alzheimer's drug candidates

17:10-17:30 16:10-16:30

Huiyu Zhou
University of Leicester,
United Kingdom

Title: Artificial intelligence based mouse behavior recognition

17:30-17:50 16:30-16:50

Clare Cromwell
Cork University Maternity
Hospital, Ireland

Title: Brain fog in menopause - Is the future getting clearer?

17:50-18:10 17:50-18:10

Marco Ruggiero
Silver Spring Sagl, Switzerland

Title: Negative entropy-driven self-assembly of information-containing aperiodic crystals aimed at increasing brain entropy in the context of Alzheimer's disease, dementia and cognitive decline

18:10-18:30 13:10-13:30

Schmidt Sergio L
Universidade Federal Do Estado
Do Rio De Janeiro, Brazil

Title: Discriminative power of a reaction-time test in the evaluation of cognitive impairment in elderly with high educational disparity

18:30-18:50 17:30-17:50

Cristina Carvalho
University of Coimbra, Portugal

Title: Brain mitochondrial function and oxidative stress normalized after WWOX inhibition in a mouse model of type 2 diabetes

18:50-19:10 18:50-19:10

Bitra Veera Raghavulu
University of Botswana,
Botswana

Title: mTOR signaling as a molecular target for the alleviation of Alzheimers disease pathogenesis

19:10-19:30 19:10-19:30

Katarzyna Stachowicz
Polish Academy of Sciences,
Poland

Title: Looking for new antidepressants-Interactions between COX-2 and glutamatergic receptors

19:30-19:50 20:30-20:50

Esra Demir Unal
Nevsehir State Hospital, Turkey

Title: Evaluation of anterior versus posterior circulation acute ischemic stroke with clinico-topographic correlations and relationship with early mortality-based scale predictions

19:50-20:10

14:50-15:10

Joao Rafael Rocha Da Silva
Connect Life Rehabilitation and
Performance, Brazil

Title: Manual therapy and segmental stabilization in the treatment of chronic pain

20:10-20:30

14:10-14:30

Alex Goraltchouk
Remedium Bio, Inc.,
United States

Title: rhFGF18 and rhGDF11 for the treatment of ischemic stroke

POSTER PRESENTATIONS

20:10-20:20

02:10-02:20

Dandan Lv
Southeast University,
China

Title: The mechanism of NLG1 regulating ASD-like (restricted and repetitive) behaviors

ORAL PRESENTATIONS

20:20-20:40

19:20-19:40

Ridha Djemal
ATMS Laboratory, College of
Engineering ENIS Sfax University,
Tunisia

Title: Enhancing epilepsy diagnosis using automated temporal windowing for frequencies and entropies feature extraction computing

20:40-21:00

11:40-12:00

Zung V. Tran
Biomed Industries, Inc.,
United States

Title: What's leqembi got to do with alzheimer dementia

****END NOTE****

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Notes

Notes



Questions? Contact

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