

**CONFERENCE**  
PROGRAM



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**STORZ MEDICAL**  
The Shock Wave Company

9<sup>TH</sup> EDITION OF  
INTERNATIONAL CONFERENCE ON

# NEUROLOGY AND NEUROLOGICAL DISORDERS

**20-22**

**JUNE, 2024**

**PARIS, FRANCE**



**IN-PERSON:**

Hotel CIS Paris Ravel

6 Av. Maurice Ravel, 75012, Paris, France



**VIRTUAL:**

Central European Summer Time

## DAY 01

Thursday, June 20  
(In-person)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-12:10	In-person Keynote Presentations
12:10-13:10   15:20-18:10	In-person Oral Presentations
14:00-15:20	In-person Workshop

## DAY 02

Friday, June 21  
(In-person)

08:50-09:00	Opening Remarks
09:00-12:10	In-person Keynote Presentations
12:10-18:00	In-person Oral Presentations
18:00-18:30	In-person Poster Presentations

## DAY 03

Saturday, June 22  
(Virtual)

08:30-09:00	AV check
09:00-10:20   14:30-17:10	Virtual Keynote Presentations
10:50-14:10   17:10-19:50	Virtual Oral Presentations
10:20-10:50   14:10-14:30	Virtual Poster Presentations

 IN-PERSON  
 VIRTUAL

### Day 01 Break Timings (In-person)

11:00-11:30	Coffee Break
13:10-14:00	Lunch Break
16:00-16:30	Coffee Break

### Day 02 Break Timings (In-person)

11:00-11:30	Coffee Break
13:10-14:00	Lunch Break
18:00-18:30	Coffee Break

## Important Note

- The conference follows Central European Summer Time (CEST) for both In-Person and Virtual Sessions.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.
- In-person presentations will take place in the Terrasse Room @Hotel CIS Paris Ravel and Virtual presentations will take place in Zoom meetings.
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.

### KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@TERRASSE ROOM

08:00–08:50 | Registrations

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

**Moderator:**

Emily R Rosario, Casa Colina Hospital and Centers for Healthcare, United States

09:00–09:40

In-Person

**Ulrich Sprick**

Heinrich Heine University, Germany

Title: Effects of neuronavigated TPS: A novel tool of Non Invasive Brain Stimulation (NIBS)

09:40–10:20

In-Person

**Aldo Bruno**

Vascular Dep PIO XI Clinic Rome, Italy

Title: Neuroinflammation and venous lesion of the neck veins role in inner ear disease

10:20–11:00

In-Person

**Michael Ugrumov**

Institute of Developmental Biology  
RAS, Russia

Title: Development of the early diagnosis of parkinson's disease at the prodromal stage

Group Photo

11:00–11:30 | Coffee Break @Foyer

11:30–12:10

In-Person

**Joshua Brown**

Harvard Medical School,  
United States

Title: Synaptic plasticity induced by transcranial magnetic stimulation

### ORAL PRESENTATIONS

**Chair:**

Ulrich Sprick, Heinrich Heine University, Germany

12:10–12:30

In-Person

**Emily R Rosario**

Casa Colina Hospital and Centers for  
Healthcare, United States

Title: Genetic and cytokine influences on cognitive recovery following traumatic brain injury: A longitudinal study

12:30–12:50

In-Person

**Dixie J Woolston**

Mayo Clinic Arizona/Scottsdale,  
United States

Title: Brain health update: Current trends and future directions

12:50–13:10

In-Person

**Hiroko Tsukamura**

Nagoya University, Japan

Title: The brain mechanism regulating mammalian reproduction

13:10–14:00 | Lunch @Restaurant

## WORKSHOP: IN-PERSON

14:00–14:20

In-Person

**Ulrich Sprick**

Heinrich Heine University, Germany

Title: Experiences with TPS as a new tool for noninvasive brain stimulation in neurodegenerative diseases

14:20–14:40

In-Person

**Dilana Hazer Rau**

Storz Medical AG, Switzerland

Title: Transcranial pulse stimulation for the treatment of patients with Alzheimer's dementia

14:40–15:00

In-Person

**Ali Riza Gunes**

Alexius/Josef Hospital Neuss,  
Germany

Title: Clinical improvement of visual complaints in Benson's syndrome with TPS-treatment: A case series on atypical dementia

15:00–15:20

In-Person

**Oliver Seemann**

Psychiatrizentrum Breitenau,  
Switzerland

Title: TPS vs TMS – A power comparison

## ORAL PRESENTATIONS

15:20–15:40

In-Person

**Mohit Saxena**

Northwestern University Feinberg  
School of Medicine, United States

Title: Recent advances in brain imaging

15:40–16:00

In-Person

**Shuhua Chen**

Capital Medical University, China

Title: EEG application pre- and post-cerebral cortex disconnection surgery in intractable epilepsy

16:00–16:30 | Coffee Break @Foyer

16:30–16:50

In-Person

**Harkomal Verma**  
Central University of Punjab, India

Title: In vitro investigation of neuroprotective effects: Unveiling the impact of  $A\beta_{25-35}$ -induced oxidative stress on SH-SY5Y cells and the therapeutic potential of phytochemicals

16:50–17:10

In-Person

**Rahul Hajare**  
Sandip University, India

Title: Understanding academic and educational problems fit for purpose in the contributing to attentional and learning difficulties in our children

17:10–17:30

In-Person

**Kelsey Bonnici**  
University of Malta, Malta

Title: Exploring the enablers and barriers to implementing evidence-based practice in acute stroke care

17:30–17:50

In-Person

**Saadia Sattar**  
Aga Khan University, Pakistan

Title: Validation of INSTADX, a clinical decision support tool information technology based application for ischemic stroke sub-type diagnosis

17:50–18:10

In-Person

**Akankunda Veronicah**  
Golden Age Elderly Homes Kampala,  
Uganda

Title: Role of care homes & assisted living facilities in caring for people with neurological disorders

# DAY 2

IN-PERSON

JUNE 21, 2024

Friday

## KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@TERRASSE ROOM

08:50–09:00 | Opening Remarks

**Moderator:**  
Sarah Adelaide Crawford, Southern Connecticut State University, United States

09:00–09:40 In-Person

**Yong Xiao Wang**  
Albany Medical College,  
United States

Title: Novel signaling mechanisms and therapeutic options for diabetic vascular dementia

09:40–10:20 In-Person

**Jaqueline Tuppen**  
Cogs Club, United Kingdom

Title: Turning research into action – Cogs Club

10:20–11:00 In-Person

**Sergey Suchkov**  
The Russian University of Medicine  
and The Russian Academy of Natural  
Sciences, Russia

Title: Antibody–proteases as the upgraded translational tools of the next–step generation in personalized and precision neurology practice to monitor multiple sclerosis at clinical and subclinical stages

11:00–11:30 | Coffee Break @Foyer

11:30–12:10 In-Person

**Thomas J Webster**  
Interstellar Therapeutics, United  
States

Title: Neural nanomedicine: Fighting stroke, improving stem cell delivery, healing nerves and using artificial intelligence

## ORAL PRESENTATIONS

**Chair:**  
Yong Xiao Wang, Albany Medical College, United States

12:10–12:30 In-Person

**Sarah Adelaide Crawford**  
Southern Connecticut State  
University, United States

Title: Analysis of the role of the innate immune system in brain cancer in a research model of pediatric cancer/glioblastoma, *Drosophila Melanogaster*

12:30–12:50 In-Person

**Cristian Ravariu**  
Polytechnic University of Bucharest,  
Romania

Title: Transistor based biosensors for dopamine detection

12:50–13:10 In-Person

**Dixie J Woolston**

Mayo Clinic Arizona/Scottsdale,  
United States

Title: Utilizing computerized cognitive testing in neurology practices

13:10–14:00 | Lunch @Restaurant

14:00–14:20 In-Person

**Sergey Suchkov**

The Russian University of Medicine  
and The Russian Academy of Natural  
Sciences, Russia

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

14:20–14:40 In-Person

**Hyeong Yeong Park**

Chungbuk National University, Korea

Title: Towards brain–computer interface based communication tool utilizing EEG signals integrated with large language model

14:40–15:00 In-Person

**Jinghong Zhang**

Beijing 301 Hospital, China

Title: Quantitative evaluation of factors contributing to the results of 3hz RNS test on ALS patients

15:00–15:20 In-Person

**Ljudmila Stojanovich**

University Medical Center, Serbia

Title: A wide variety of neurologic manifestations in the antiphospholipid syndrome

15:20–15:40 In-Person

**Michelle Melgarejo da Rosa**

Federal University of Pernambuco,  
Brazil

Title: Exploration of natural products and newly synthesized compounds as potential alternatives for alleviating symptoms of psychological conditions

15:40–16:00 In-Person

**Christian Stenor**

Herlev Hospital, Denmark

Title: Immune checkpoint inhibitor–related CNS vasculitis – report of four cases and excerpt from a systematic review

16:00–16:20 In-Person

**Patrice Ntenga**

University of Lubumbashi, Congo

Title: Kiza–Ntenga syndrome

16:20–16:40 In-Person

**Christian Stenor**

Herlev Hospital, Denmark

Title: CNS vasculitis caused by lyme neuroborreliosis

16:40–17:00 In-Person

**Daria Kanshina**

Research Institute of Emergency  
Pediatric Surgery and Traumatology,  
Russia

Title: The reorganization features of the corticospinal tract in postanoxic states in children

17:00–17:20

In-Person

**Ming Guo**

UCLA David Geffen School of  
Medicine, United States

Title: Neurodegeneration, aging & mitochondria

17:20–17:40

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

17:40–18:00

In-Person

**Panagiotis Angelidakis**

General Hospital Evangelismos,  
Greece

Title: Will be Updated Soon

18:00–18:30 | Coffee Break @ Foyer

## (18:00-18:30) POSTER PRESENTATIONS

PP001

In-Person

**Milton C R Medeiros**

Irmandade Santa Casa de Arapongas  
PR, Brazil

Title: Post-dural puncture headache treated with greater occipital nerve block

PP002

In-Person

**Se Na Jang**

Chungbuk National University, Korea

Title: Towards neurolinguistic processing transformer using EEG tokenization for smart brain-computer interaction

PP003

In-Person

**Saadia Sattar**

Aga Khan University, Pakistan

Title: Computer-aided detection and classification of ischemic strokes from MRI images in LMIC- A retrospective cohort study

PP004

In-Person

**Sachin G Nair**

Amrita Institute of Medical Sciences &  
Research Center, India

Title: Refractory anti-NMDAR encephalitis with multiple nosocomial infections: Paradigm shift required in the therapeutical options

PP005

In-Person

**Rwakiseta Herbert**

Golden Age Elderly Homes Kampala,  
Uganda

Title: Tailored care homes for neurological disorders: A person-centered approach



## KEYNOTE PRESENTATIONS

CEST Local Timings

@ZOOM MEETING

08:30–09:00 CEST | AV check

**Moderator:**  
Irene Fasciani, University of L'Aquila, Italy

09:00–09:40 17:00–17:40

**Ken Ware**  
NeuroPhysics Therapy Institute,  
Australia

Title: Highlights of the adverse effects of popular 'Whole body vibration' machines on the central and peripheral nervous systems

09:40–10:20 15:40–16:20

**Zhenhuan Liu**  
Guangzhou University of Chinese  
Medicine, China

Title: Repair and remodeling of cerebral nerve in children with cerebral palsy by acupuncture

## POSTER PRESENTATIONS

10:20–10:30 16:20–16:30

**Wenqiang Tao**  
Chongqing Traditional Chinese  
Medicine Hospital, China

Title: The additive impact of obstructive sleep apnea syndrome and atrial fibrillation on the long-term outcomes in patients with ischemic stroke

10:30–10:40 16:30–16:40

**Xiong Yujin**  
People's Hospital of Chongqing City,  
China

Title: Clinical research on acupuncture calming the mind in treating patients with post-stroke depression

10:40–10:50 16:40–16:50

**Guanghui Deng**  
Yongchuan People's Hospital of  
Chongqing, China

Title: Personalized care in hemorrhagic stroke: Application efficacy and rehabilitation strategies

## ORAL PRESENTATIONS

10:50–11:10 18:50–19:10

**Subatharshini Sountharalingam**  
Goulburn Valley Health, Australia

Title: Unveiling the unforeseen: Unusual presentation of acute motor and sensory axonal polyneuropathy in a regional Victorian Hospital

11:10–11:30 17:10–17:30

**Bo He**  
The Third Affiliated Hospital of Sun  
Yat-sen University, China

Title: Transcriptome analysis of mRNA altered after different induction time of induced schwann-like cells from adipose-derived stem cells

11:30–11:50

17:30–17:50

**Shaoyuan Li**

China Academy of Chinese Medical Sciences, China

Title: Transcutaneous auricular vagus nerve stimulation: A novel therapy connecting central and peripheral system

11:50–12:10

16:50–17:10

**Olga M Bazanova**

Moscow Institute of Physics and Technology (National Research University), Moscow, Russia

Title: Individualized neurofeedback

12:10–12:30

15:40–16:00

**Chennakesavulu Dara**

ESIC Medical College, India

Title: Acute encephalitis and its mimics in the critical care unit

12:30–12:50

13:30–13:50

**Sawsan Zaitone**

University of Tabuk, Saudi Arabia

Title: Caffeic acid improves locomotor activity and lessens inflammatory burden in a mouse model of rotenone– induced nigral neurodegeneration: Relevance to parkinson's disease therapy

12:50–13:10

12:50–13:10

**Francesco Petragano**

University of L'Aquila, Italy

Title: The detrimental effect of light on dopaminergic neurons: Implications for PD onset

13:10–13:30

13:10–13:30

**Estrella Rodriguez**

Neuroimmunologist and Health Consultant, Retired Doctor, Spain

Title: MOGAD, a view from the inside

13:30–13:50

13:30–13:50

**Irene Fasciani**

University of L'Aquila, Italy

Title: In vitro investigations of the antiparkinsonian drug ropinirol properties on muscarinic receptors: A possible link to in vivo side effects

13:50–14:10

12:50–13:10

**Salim Hirani**

Ysbyty Gwynedd Hospital, United Kingdom

Title: A study to further develop and refine Carpal Tunnel Syndrome (CTS) nerve conduction grading tool

## POSTER PRESENTATIONS

14:10–14:20

14:10–14:20

**Daniel Baksa**

Semmelweis University, Hungary

Title: Opposite effects of CGRP–related genes on migraine and depression

14:20–14:30

08:20–08:30

**John K Maesaka**

NYU Grossman Long Island School of Medicine, United States

Title: New pathophysiologic approach to hyponatremia yields revolutionary results, identification of natriuretic protein that causes renal salt wasting and new syndrome of renal salt wasting in alzheimers disease

## KEYNOTE PRESENTATIONS

14:30–15:10 14:30–15:10

**Torbjorn Backstrom**  
University of Umea, Sweden

Title: Memory impairment and dementia is enhanced with GABA–A receptor modulating steroids but antagonized by GABA–A receptor modulating steroid antagonists

15:10–15:50 14:10–14:50

**Wagih El Masri**  
Keele University, United Kingdom

Title: Neurological recovery and its prognostic indicators following traumatic spinal cord injuries

15:50–16:30 09:50–10:30

**Juan Moreira**  
CNC / Gnosis Neurointegrative Center, United States

Title: Terminating the terminator: Glioma/ glioblastoma orthomolecular destruction as a new possible therapeutic intervention

16:30–17:10 09:30–10:10

**Frank Owen Bastian**  
Bastian Enterprises, United States

Title: A novel extreme thermoacidophilic bacterium (*spiroplasma sp.*) is the cause of CJD and other TSES

## ORAL PRESENTATIONS

17:10–17:30 11:10–11:30

**Roger H Coletti**  
Interventional Health, United States

Title: Treatment of chronic muscle spasm and pain with the CMECD® procedure

17:30–17:50 11:30–11:50

**Robert B Slocum**  
University of Kentucky HealthCare, United States

Title: Narrative medicine: A communication therapy for the communication disorder of Psychogenic Nonepileptic Seizures (PNES)

17:50–18:10 16:50–17:10

**Salim Hirani**  
Ysbyty Gwynedd Hospital, United Kingdom

Title: Neurophysiological grading tool of ulnar nerve entrapment across wrist and across elbow with case presentation

18:10–18:30 17:10–17:30

**Kaouther Selmi**  
University of Monastir, Tunisia

Title: Impact of neuron with two dendrites in heart behavior

18:30–18:50 12:30–12:50

**Patrick Ganzer**  
University of Miami, United States

Title: Targeted plasticity therapy & new targets

CEST Local Timings

18:50–19:10 18:50–19:10

**Cristine Alves Da Costa**  
Institute of Molecular and Cellular  
Pharmacology, France

Title: Impact of XBP1–mediated PINK1 transcriptional regulation to mitophagy control in parkinson’s disease

19:10–19:30 12:10–12:30

**Yiwen Chen**  
The University of Texas MD Anderson  
Cancer Center, United States

Title: Multiomics analyses reveal DARS1–AS1/YBX1–controlled posttranscriptional circuits promoting glioblastoma tumorigenesis/radioresistance

19:30–19:50 23:00–23:20

**Monika Sharma**  
AIIMS Jodhpur, India

Title: The neurological challenges of schizophrenia: A study on extrapyramidal symptoms in schizophrenia

## POSTER PRESENTATION

19:50–20:00 13:50–14:00

**Stacey Main**  
Geisinger Medical Center,  
United States

Title: In patients with multiple sclerosis, does the transition from brand name tecfidera to generic dimethyl fumarate result in statistically significant shifts in laboratory surveillance data, MRI imaging, patient–reported side effects, and compliance?

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END NOTE

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### Important Note

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*We wish to meet you again at our  
upcoming events*

10<sup>th</sup> Edition of International Conference on  
**Neurology and Brain Disorders**

October 21-23, 2024 | Baltimore, Maryland, USA | Hybrid Event  
<https://neurologycongress.com/>

11<sup>th</sup> Edition of International Conference on  
**Neurology and Neurological Disorders**

June 12-14, 2025 | Hybrid Event  
<https://neurology.magnusconferences.com/>

**Questions? Contact**

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