magnus Group

CONFERENCE
PROGRAM

NEUROLOGY

12TH EDITION OF INTERNATIONAL CONFERENCE ON

NEUROLOGY AND NEUROLOGICAL DISORDERS

June 22-24, 2026
Barcelona, Spain

IN-PERSON:

Hotel Alimara
Carrer de Berruguete, 126,
Horta-Guinardó, 08035 Barcelona, Spain

VIRTUAL:

Central European Summer Time (CEST)

Final Program

MONDAY JUNE 22 2026

DAY 01 | In-Person @Cadaqués Room

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-11:00	Keynote Presentations
11:00-11:30	Coffee Break
11:30-12:10	Keynote Presentation
12:10-12:50	Oral Presentations
12:50-13:50	Lunch Break
13:50-15:30	Oral Presentations
15:30-16:00	Coffee Break & Poster Session

TUESDAY JUNE 23 2026

DAY 02 | In-Person @Cadaqués Room

08:30-09:00	AV Check and Introduction
09:00-11:00	Keynote Presentations
11:00-11:30	Coffee Break
11:30-12:50	Oral Presentations
12:50-13:50	Lunch Break
13:50-15:10	Oral Presentations
15:10-15:40	Coffee Break

WEDNESDAY JUNE 24 2026

DAY 03 | Virtual @Zoom

08:30-09:00	AV Check | Introduction
09:00-09:40	Keynote Presentation
09:40-14:40	Oral Presentations
14:40-15:00	Poster Presentations
15:00-20:20	Keynote Presentations
20:20-22:00	Oral Presentations
22:00-22:40	Poster Presentations

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 the time mentioned is in the time zone of the presenter's country.

In-Person presentations will take place in Cadaqués Room, Hotel Alimara, Barcelona, Spain. Virtual presentations will take place on Zoom and run continuously without scheduled breaks.

Please remain accessible in the hall or on Zoom throughout the day as there may be minor program adjustments due to technical issues or presenter no-shows.

Keynote Speakers



Alan C Jackson
University of Calgary, Canada



Bernd Blobel
University of Regensburg, Germany



Carlos Alberto Mangone
Santojanni General Hospital, Argentina



Edie Raether
NeuroShifts and Wings for Wishes Academy, United States



Jaqueline Tuppen
COGS Club, United Kingdom



Jonathan Eskenazi
Cedars Sinai / UCLA, United States



Ken Ware
NeuroPhysics Therapy, Australia



Khue Vu Nguyen
University of California, United States



Luiz Moutinho
University of Suffolk, United Kingdom



Robert B Slocum
University of Kentucky HealthCare, United States



Roger H Coletti
Interventional Health, PA, United States



Salvador Ventura
Autonomous University of Barcelona, Spain



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



Sid O Bryant
Texas College of Osteopathic Medicine and University of North Texas Health Science Center, Fort Worth, United States



W S El Masri
Keele University, United Kingdom



Zhenhuan Liu
Guangzhou University of Chinese Medicine, China

IN-PERSON

Day 01 - Cadaqués Room

June 22, Monday

CENTRAL EUROPEAN SUMMER TIME (CEST)

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

Moderator:
Linda K Friedman, NeuroInfusions LLC., United States

Chair:
Ken Ware, Neurophysics Therapy, Australia
Alan C Jackson, University of Calgary, Canada

09:00-09:40 — Keynote Session

Ken Ware, Neurophysics Therapy, Australia

Title: Perception and individuality in patient cases identifying the ongoing evolution of Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)

09:40-10:20 — Keynote Session

Alan C Jackson, University of Calgary, Canada

Title: Rabies: Challenges in taming the beast

10:20-11:00 — Keynote Session

Jaqueline Tuppen, COGS Club, United Kingdom

Title: When dementia strikes early: The implications for family and services

11:00-11:30

Coffee Break @Foyer | Group Photo

11:30-12:10 — Keynote Session

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

Title: Personalized and Precision Medicine (PPM), as a unique healthcare model through biodesign-driven biotech and biopharma, translational applications, and neurology-related biomarketing to secure human healthcare and biosafety

12:10-12:30 — Oral Session

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

Title: Antibody-proteases as translational tools of the next-step generation to be applied through biodesign-driven translational biotech in personalized and precision neurology practice

IN-PERSON

CENTRAL EUROPEAN SUMMER TIME (CEST)

June 22, Monday

12:30-12:50 — Oral Session

Mustafa A Khan, Severo Health Inc., United States

Title: Resolution of the CSF-SBP phase paradox: A mathematical framework for cerebral pressure dynamics

12:50-13:50

Lunch Break @Restaurant

13:50-14:10 — Oral Session

Andrea Dincher, Saarland University, Germany

Title: Effects of multimodal therapy on psychological symptoms in Huntington's disease

14:10-14:30 — Oral Session

Mustafa A Khan, Severo Health Inc., United States

Title: Mathematical proof reveals Cushing's triad as diastolic collapse: The 2:1 ratio as a precision diagnostic marker and novel therapeutic target

14:30-14:50 — Oral Session

Daniele Lapointe, Laval University, Canada

Title: Study of resilience in cases of incest, father-daughter, step-father and step-daughter in the pre-pubber and puberous period among adult women and mothers: How to overcome the traumatisms of an incestuous relationship?

14:50-15:10 — Oral Session

Klaudia Marek, Medical University of Lodz, Poland

Title: Spasticity management and the use of radial shock waves in post-stroke patients

15:10-15:30 — Oral Session

Linda K Friedman, NeuroInfusions LLC., United States

Title: Neuroprotective, anticonvulsant, and proconvulsant effects of cannabinoids following neurotrauma

IN-PERSON

CENTRAL EUROPEAN SUMMER TIME (CEST)

June 22, Monday

15:30-16:00

Coffee Break @Foyer

PP01

Poster Sessions (15:50-16:20)

Hyung Jin Lee, Daejeon St. Mary's Hospital, South Korea

Title: Case report: Neuroimaging changes of nonketotic hyperglycemia chorea patient with status epilepticus attack

PP02

Poster Session

Hanna Pawluk, Nicolaus Copernicus University, Poland

Title: The role of interleukin 6 in ischemic stroke

PP03

Poster Session

Renata Kolodziejska, Nicolaus Copernicus University, Poland

Title: The role of TNF-α in ischemic stroke

End of Day 1

IN-PERSON

Day 02 - Cadaqués Room

June 23, Tuesday

CENTRAL EUROPEAN SUMMER TIME (CEST)

08:30-09:00 AV Check and Introduction

Moderator:
Dixie J Woolston, Mayo Clinic Arizona, United States

Chair:
Jaqueline Tuppen, COGS Club, United Kingdom

09:00-09:40 Keynote Session

Salvador Ventura, Autonomous University of Barcelona, Spain

Title: A structure-based strategy to target pathogenic α-synuclein in Parkinson's disease

09:40-10:20 Keynote Session

Sid O Bryant, Texas College of Osteopathic Medicine and University of North Texas Health Science Center, United States

Title: Understanding Alzheimer's disease biomarkers across diverse populations - opportunities and insights for novel prevision medicine approaches

10:20-11:00 Keynote Session

Jonathan Eskenazi, Cedars Sinai / UCLA, United States

Title: Emerging new treatment strategies for vascular dementia

11:00-11:30

Coffee Break @Foyer

11:30-11:50 Oral Session

Roberto Grau, Madrid Science Park, Spain

Title: The gut - microbiota - brain connection: Bacillus subtilis DG101 regulates the aging-related insulin-IGFR1-FOXO route and the oxidative stress-related p38MAPK-Nrf2 signaling to protect against Parkinson's and Alzheimer's diseases

11:50-12:10 Oral Session

Aleksandra Olejniczak, Medical University of Lodz, Poland

Title: Robotics and mirror-therapy–based neurorehabilitation for stroke patients

IN-PERSON

CENTRAL EUROPEAN SUMMER TIME (CEST)

June 23, Tuesday

12:10-12:30 — Oral Session

Dixie J Woolston, Mayo Clinic Arizona, United States

Title: Cognition as the fifth vital sign: Integrating neuropsychological assessment and neuroimaging in modern neurology practice

12:30-12:50 — Oral Session

Gennaro Della Rocca, AORN Antonio Cardarelli Hospital, Italy

Title: Is time born from the brain, or is it the other way around?

12:50-13:50

Lunch Break @Restaurant

13:50-14:10 — Oral Session

Milton Cesar Rodrigues Medeiros, Santa Casa de Arapongas, Brazil

Title: Transcranial Direct Current Stimulation (tDCS) for chronic migraine: A randomized clinical trial with 20 patients

14:10-14:30 — Oral Session

Rishabh Singh, Madhukar Rainbow Children's Hospital, India

Title: A rare presentation of transverse myelitis – transverse myelitis plus syndrome

14:30-14:50 — Oral Session

Zhanna Semenova, Clinical and Research Institute of Emergency Pediatric Surgery and Trauma, Russia

Title: Comparative analysis of autologous bone and custom hydroxyapatite implants (custombone) for post-traumatic skull defects in paediatric patients

14:50-15:10 — Oral Session

Rahul Hajare, Sandip University, India

Title: A computational approach to evaluate the impact of chemical pathways on brain activity on a broad scale

15:10-15:40

Coffee Break @Foyer

VIRTUAL

Day 3 - @Zoom Meeting

June 24, Wednesday

Time (CEST) | Presenter Time (Local)

08:30-09:00 AV Check | Introduction

Moderators:
Er Kritika, Independent Researcher, India
Ragni Kumari, UPUMS, India
Aditya Seth, Shri Guru Ram Rai Institute of Medical and Health Sciences, India

CEST	LOCAL	
09:00-09:40	15:00-15:40	Keynote Session

Zhenhuan Liu, Guangzhou University of Chinese Medicine, China

Title: Scalp acupuncture with functional electrical stimulation for the treatment children with autism spectrum disorder

09:40-10:00	15:40-16:00	Oral Session

Zhenhuan Liu, Guangzhou University of Chinese Medicine, China

Title: Neuroimaging-based evaluation of scalp acupuncture for neural repair and reorganization in children with cerebral palsy

10:00-10:20	16:00-16:20	Oral Session

Hengchao MA, Chinese PLA General Hospital, China

Title: Ultrashort wave modulates brain functional connectivity and behavioral recovery in mTBI rats: A longitudinal 11.7T rs-fMRI study

10:20-10:40	16:20-16:40	Oral Session

Min Zhang, Hebei Medical University, China

Title: Cerebral ischemic preconditioning promotes brain ischemic tolerance through N6-methyladenosine suppression of ACSL4-induced ferroptosis

10:40-11:00	16:40-17:00	Oral Session

Weixia Duan, The First Affiliated Hospital of Chongqing Medical and Pharmaceutical College, China

Title: Diquat exposure induces brainstem demyelination and encephalopathy via upregulating the mitochondrial calcium uniporter

11:00-11:20	17:00-17:20	Oral Session

Bohong Wang, Beijing University of Chinese Medicine, China

Title: Targeting GDF15 alleviates mitochondrial dysfunction and ferroptosis in cerebral ischemia-reperfusion injury

VIRTUAL

Time (CEST) | Presenter Time (Local)

June 24, Wednesday

CEST	LOCAL	
11:20-11:40	17:20-17:40	Oral Session

Jinfeng Shang, Beijing University of Chinese Medicine, China

Title: Chrysin targets ceruloplasmin to modulate zinc homeostasis in cerebral ischemia reperfusion injury

11:40-12:00	15:10-15:30	Oral Session

Aditya Seth, Shri Guru Ram Rai Institute of Medical and Health Sciences, India

Title: A longitudinal study of site prevalence associated clinical and socio-demographic factors, treatment and outcome in non-traumatic intra-cranial hemorrhage patients presenting at a tertiary care facility in NCR, India

12:00-12:20	15:30-15:50	Oral Session

Er Kritika, Independent Researcher, India

Title: Securing brain-computer interfaces: Emerging threats and defense strategies

12:20-12:40	15:50-16:10	Oral Session

Ragni Kumari, Uttar Pradesh University of Medical Sciences (UPUMS), India

Title: The impact of acquired brain injuries on vision: Patterns, assessment, and rehabilitation

12:40-13:00	17:40-18:00	Oral Session

Tatiana Korolenko, Scientific Research Institute of Neurosciences and Medicine, Russia

Title: Effect of autophagy induction on neurons and glial cells of db/db mice with diabetes T2 and neurodegeneration development

13:00-13:20	14:00-14:20	Oral Session

Katrina Kate Buka, Riga Stradins University, Latvia

Title: Multilocular extracranial arterial dissection with cerebral infarction in a young woman

13:20-13:40	14:20-14:40	Oral Session

Valida A Isanova, Kazan State Medical University, Russia

Title: Pathogenetic physical rehabilitation of neurological patients through kinesotherapy using the anti-gravity “Atlant” rehabilitation costume

VIRTUAL

Time (CEST) | Presenter Time (Local)

June 24, Wednesday

CEST	LOCAL	
13:40-14:00	17:10-17:30	Oral Session

T Kishore Kumar, National Institute of Technology, India

Title: Explainable AI based dilated convolutional self-attention based bidirectional gated network for Epilepsy seizure detection

CEST	LOCAL	
14:00-14:20	17:30-17:50	Oral Session

Bhaskar Jyoti Dutta, The Assam Royal Global University, India

Title: Pterostilbene orchestrates synaptic remodelling and mitochondrial functional reconstitution to attenuate ischemic vascular dementia

CEST	LOCAL	
14:20-14:40	17:50-18:10	Oral Session

T Kishore Kumar, National Institute of Technology, India

Title: AI based detection of iron deficiency anemia using conjunctiva of images

CEST	LOCAL	
14:40-14:50	15:40-15:50	Poster Session

Igor Lvovych Popovych, Kozyavkin International Rehabilitation Clinic, Ukraine

Title: Neurotropic and biophysics effects of Kyokushin Karate kata

CEST	LOCAL	
14:50-15:00	13:50-14:00	Poster Session

Sharafath Hussain Zahir Hussain, Hospitals of Leicester NHS Trust, United Kingdom

Title: Progressive multifocal leukoencephalopathy mimicking a cerebral vasculitis flare

CEST	LOCAL	
15:00-15:40	15:00-15:40	Keynote Session

Bernd Blobel, University of Regensburg, Germany

Title: Designing and managing intelligent and ethical transformed health and social care ecosystems

CEST	LOCAL	
15:40-16:20	14:40-15:20	Keynote Session

Luiz Moutinho, University of Suffolk, United Kingdom

Title: Neuro sensorium

VIRTUAL

Time (CEST) | Presenter Time (Local)

June 24, Wednesday

CEST	LOCAL	
16:20-17:00	15:20-16:00	Keynote Session

W S El Masri, Keele University, United Kingdom

Title: Traumatic Spinal Cord Injuries (tSCI) - Is the management of the injured spine based on the various radiological presentations evidence-based?

17:00-17:40	12:00-12:40	Keynote Session

Carlos Alberto Mangone, Santojanni General Hospital, Argentina

Title: Standardization of the cognitive reaction test: Verification of its reliability and utility in the diagnosis of mild cognitive impairment

17:40-18:20	10:40-11:20	Keynote Session

Edie Raether, Neuroshifts and Wings for Wishes Academy, United States

Title: The three second NeuroShift™: How micro moments rewire the mind

18:20-19:00	12:20-13:00	Keynote Session

Robert B Slocum, University of Kentucky Healthcare, United States

Title: Narrative medicine: A communication therapy for the communication disorder of Functional Seizures (FS) [also known as Psychogenic Non-Epileptic Seizures (PNES)]

19:00-19:40	13:00-13:40	Keynote Session

Roger H Coletti, Interventional Health, PA, United States

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

19:40-20:20	10:40-11:20	Keynote Session

Khue Vu Nguyen, University of California, United States

Title: Epigenetic modulation of human neurological disorders: Lesch-Nyhan disease as a model disorder

20:20-20:40	13:20-13:40	Oral Session

Chuck Easttom, Vanderbilt University, United States

Title: Machine learning and brain computer interfaces

VIRTUAL

Time (CEST) | Presenter Time (Local)

June 24, Wednesday

CEST	LOCAL	
20:40-21:00	14:40-15:00	Oral Session

Robert B Slocum, University of Kentucky Healthcare, United States

Title: Narrative medicine applications for neuro-oncology patient identity and quality of life

21:00-21:20	16:00-16:20	Oral Session

Joao Rafael de Oliveira Rocha da Silva, Connect Life Rehabilitation and Performance, Brazil

Title: Rehabilitation of patients with chronic musculoskeletal pain

21:20-21:40	12:20-12:40	Oral Session

Daniel Zhang, Canyon Crest Academy, United States

Title: Sex-dependent glial architecture in the prefrontal cortex and its relevance to glioblastoma

21:40-22:00	14:40-15:00	Oral Session

Sathvik Loke, Illinois Mathematics and Science Academy, United States

Title: Advancing Parkinson's disease management: From dopaminergic therapy to deep brain stimulation and beyond

22:00-22:10	17:00-17:10	Poster Session

Michelle Melgarejo da Rosa, Federal University of Pernambuco, Brazil

Title: Medial prefrontal cortex, dopamine and glutamate modulation in regulating reward-seeking and frustration responses

22:10-22:20	15:10-15:20	Poster Session

Anwita Golem, Blue Valley School District, United States

Title: Genomic disruption of the NRXN1 gene: Implications for synaptic biology and neuropsychiatric disorders

VIRTUAL

Time (CEST) | Presenter Time (Local)

June 24, Wednesday

CEST	LOCAL	
22:20-22:30	13:20-13:30	Poster Session

Elizabeth Farber, California Pacific Medical Center (CPMC), United States

Title: When left is right: Right-hemisphere language dominance enabling safe resection of a left-frontal glioblastoma in a right-handed patient

CEST	LOCAL	
22:30-22:40	23:30-23:40	Poster Session

Cheng Qian, Oulu University Hospital, Finland

Title: Intra-arterial nimodipine and outcomes in delayed cerebral ischemia after aneurysmal subarachnoid haemorrhage

End of Day 3

WE WISH TO MEET YOU AGAIN AT OUR UPCOMING EVENTS

13th Edition of International Conference on
Neurology and Brain Disorders
October 19-21, 2026 | Boston, Massachusetts, USA
https://neurologycongress.com/

13th Edition of International Conference on
Neurology, Brain Health & Neurological Disorders
June 24-26, 2027 | Rome, Italy | Hybrid Event
https://neurology.magnusconferences.com/

4th Edition of International
Alzheimer's Disease, Dementia & Cognitive Disorders Conference
June 24-26, 2027 | Rome, Italy | Hybrid Event
https://alzheimers.magnusconferences.com/

BARCELONA
SPAIN

Questions? Contact
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