

11TH EDITION OF INTERNATIONAL CONFERENCE ON

NEUROLOGY AND NEUROLOGICAL DISORDERS



IN-PERSON:

NH Villa Carpegna, Via Pio IV,
6, 00165 Roma RM, Italy



VIRTUAL:

Central European Summer
Time (CEST)



JUNE
05-07
ROME, ITALY
2025

(In-Person) - Leonardo A Room

DAY 01	Thursday		JUNE 05
		08:00-08:50 Registrations	
		08:50-09:00 Opening Ceremony and Introduction	
		09:00-11:00 In-person Keynote Presentations	
		11:30-16:10 In-person Oral Presentations	
		16:10-16:40 In-person Poster Presentations	
		11:00-11:30 Coffee Break	
		12:50-13:50 Lunch Break	
		16:10-16:40 Coffee Break	

(In-Person) - Leonardo A Room

DAY 02	Friday		JUNE 06
		08:30-09:00 AV Check and Introduction	
		09:00-11:00 In-person Keynote Presentations	
		11:30-16:10 In-person Oral Presentations	
		11:00-11:30 Coffee Break	
		12:50-13:50 Lunch Break	
		16:10-16:40 Coffee Break	

(Virtual) - Virtual Zoom Meeting

DAY 03	Saturday		JUNE 07
		08:30-09:00 AV Check and Introduction	
		09:00-10:20; Virtual Keynote Presentations	
		11:40-16:20	
		10:20-11:40; Virtual Oral Presentations	
		17:00-19:20	
		16:20-17:00 Virtual Poster Presentations	

Important Note

- The conference follows Central European Summer Time, (CEST) for both In-Person sessions and for 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 Leonardo A Room @NH Villa Carpegna 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.

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

Chair: Jonathan Eskenazi,
Neurological Institute of Los Angeles, United States

Central European Summer Time (CEST)

In-person	09:00-09:40	Keynote Presentations
Sergei M Danilov, University of Illinois, United States		
Title: ACE-dependent Alzheimer’s Disease (AD)		
In-person	09:40-10:20	
Jacqueline Tuppen, Mental Health and Admiral Nurse Community and Dementia, United Kingdom		
Title: Who cares...for the carers		
In-person	10:20-11:00	
Jonathan Eskenazi, Neurological Institute of Los Angeles, United States		
Title: Traumatic brain injury in 2025		
Group Photo		
11:00-11:30 Coffee Break @Foyer		
In-person	11:30-11:50	Oral Presentations
Sang-Hie Lee, University of South Florida, United States		
Title: Neurophenomenology in retraining musicians with task-specific focal dystonia: Three cases		
In-person	11:50-12:10	
Alberto Cliquet Junior, UNICAMP, Brazil		
Title: Scientific-technological integration towards the clinical rehabilitation of spinal cord injured individuals		
In-person	12:10-12:30	
Esther Shohami, The Hebrew University of Jerusalem, Israel		
Title: Targeting the endocannabinoid system: A novel approach to the treatment of traumatic brain injury		
In-person	12:30-12:50	
Katarzyna Stachowicz, Polish Academy of Sciences, Poland		
Title: Interactions between COX-2 and glutamatergic receptors with CB1 as a novel target in mood and cognitive studies		
12:50-13:50 Lunch Break @Restaurant		
In-person	13:50-14:10	
Changqing Zhao, Shanxi Medical University, China		
Title: Neuromedin U induces airway goblet cell hypersecretion through eosinophil-derived interleukin-1α in allergic rhinitis		
In-person	14:10-14:30	
Yanjie Wang, Shanxi Medical University, China		
Title: Neuroimmune mechanisms in nasal hyperreactivity: Unraveling the nose-brain axis		

In-person	14:30-14:50	
		Xuemin Xu, The University of Texas Permian Basin, United States Title: Role of alzheimer's disease presenilin-1 associated protein in mitochondrial apoptosis
In-person	14:50-15:10	
		Yingxue Ren, Mayo Clinic, United States Title: The loss of PINK1 function alters molecular pathways in human fibroblasts
In-person	15:10-15:30	
		Dixie J Woolston, Mayo Clinic Arizona, United States Title: Brain health factors in aging executives: Insights from Mayo Clinic Arizona's THRIVE pilot study
In-person	15:30-15:50	
		Di Brina Carlo, Child Neuropsychiatry, University of Rome "Sapienza", Italy Title: The absolute beginner. Right-and left hand process-based measures in handwriting
In-person	15:50-16:10	
		Zhanna Semenova, Clinical and Research Institute of Emergency Pediatric Surgery and Trauma, Russia Title: Guidelines application for the treatment of TBI in children A multidisciplinary approach
16:10-16:40 Coffee Break @Foyer		
In-person	PP01	(16:10-16:40) Poster Presentations
		Isao Okunishi, Kinjirushi Co., Ltd, Japan Title: Improvement of brain function by wasabi component "Hexaraphane"
In-person	PP02	
		Bartłomiej Stanczykiewicz, Wroclaw Medical University, Poland Title: Impact of egg-derived proteins, yolkin polypeptide complex and ovocystatin, on blood-brain barrier integrity and function
In-person	PP03	
		Sinchana Basoor, UT Health Science Center San Antonio, United States Title: Phosphorylation of Kv7.2 potassium channel's regulatory domain alters binding interactions with Calmodulin
In-person	PP004	
		Connor Dalby, University of Glasgow, United Kingdom Title: Deepthickness: A novel deep learning method for estimating cortical thickness trajectories in healthy and alzheimer's disease populations
In-person	PP005	
		Miseon Kwon, Asan Medical Center, Korea Title: Prosodic changes in patients with idiopathic parkinson's disease: The effect of dysarthria severity

In-person

PP006

Mariana Medeiros Assed, University of São Paulo, Brazil

Title: Validation study of the cogniscan computerized test for memory and processing speed in a Brazilian sample

In-person

PP007

Martina Sivakova, Ceske Budejovice Hospital, Czech Republic

Title: The efficiency of using clonidine buccally and dexmedetomidine intranasally as non-invasive procedural sedation during magnetic resonance imaging in patients hospitalized at the neonatology department in Ceske Budejovice

Moderator: Rahul Hajare,
Sandip University, India

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

Central European Summer Time (CEST)

In-person	09:00-09:40	Keynote Presentations
Yong Xiao Wang, Albany Medical College, United States		
Title: Essential roles, mechanisms and consequences of vascular dementia		
In-person	09:40-10:20	
Sergey V Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Moscow, Russia & Centro de Estudios de la Fotosíntesis Humana, Aguascalientes, México		
Title: The foundation and architecture of Personalized & Precision Medicine (PPM) in clinical neurology: Towards curative and neurodegenerative disease-modifying treatment for multiple sclerosis		
In-person	10:20-11:00	
Ming Guo, UCLA, United States		
Title: Parkinson's disease, aging and mitochondria		
Group Photo		
11:00-11:30 Coffee Break @Foyer		
In-person	11:30-11:50	Oral Presentations
David Lominadze, University of South Florida, United States		
Title: Vascular effects during neuroinflammation		
In-person	11:50-12:10	
Milton C R Medeiros, Irmandade Santa Casa de Arapongas PR, Brazil		
Title: Fibromyalgia treated with Transcranial Direct Current Stimulation (tDCS) and physical exercise		
In-person	12:10-12:30	
Carlos Gutierrez Merino, University of Extremadura, Spain		
Title: A critical appraisal of strategies to afford protection against neurotoxic amyloid β peptides-induced brain degeneration		
In-person	12:30-12:50	
Corinne Quadalti, University of Bologna, Italy		
Title: Systemic inflammation and neuroinflammation in alzheimer's disease: An unexplored relationship		
12:50-13:50 Lunch Break @Restaurant		
In-person	13:50-14:10	
Sergey V Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Moscow, Russia & Centro de Estudios de la Fotosíntesis Humana, Aguascalientes, México		
Title: Antibody-Ppoteases as the upgraded translational tools of the next-step generation in personalized and precision practice to monitor multiple sclerosis at clinical and subclinical stages		

In-person 14:10-14:30

Hyelim Chun, St.Peter's General Hospital, Korea

Title: Efficacy of transcranial photobiomodulation in mild cognitive impairment and early alzheimer's disease: A randomized controlled study

In-person 14:30-14:50

Dakukina Tatsiana, Practical Center for Mental Health, Belarus

Title: Determination of blood biomarkers for dynamic monitoring-A promising method for evaluating the effectiveness of alzheimer's disease treatment

In-person 14:50-15:10

Rahul Hajare, Sandip University, India

Title: The clinical features of children with autism spectrum disorder in India

In-person 15:10-15:30

Ali Riza Gunes, Alexius/Josef Hospital Neuss, Germany

Title: Transcranial pulse stimulation for treatment-resistant depression: A case series

In-person 15:30-15:50

Akankunda Karuhanga Veronicah, Golden Age Elderly Homes Kampala, Uganda

Title: Personalised nutrition plans and recreational activities in helping patients with neurological disorders in care homes/assisted living facilities

In-person 15:50-16:10

Joan Anedibo, Golden Age Elderly Homes Kampala, Uganda

Title: Benefits of quail eggs for seniors with neurological / brain disorders quail eggs

16:10-16:40 | Coffee Break @Foyer

	Central European Summer Time (CEST)	Local Timings	
Virtual	09:00-09:40	17:00-17:40	Keynote Presentations
	Ken Ware, NeuroPhysics Therapy Institute, Australia		
	Title: Perception and individuality		
Virtual	09:40-10:20	15:40-16:20	
	Zhenhuan Liu, Guangzhou University of Chinese Medicine, China		
	Title: Neuroimaging by evaluation nerverenovate and neuroplasticity of acupuncture in children with cerebral palsy		
Virtual	10:20-10:40	17:20-17:40	Oral Presentations
	Jinwoo Shin, Asan Medical Center, Korea		
	Title: Novel procedure: Spinal epidural balloon decompression and adhesiolysis		
Virtual	10:40-11:00	16:40-17:00	
	Jun Pan, Hong Kong Baptist University, Hong Kong		
	Title: Neurobiological foundations of language mediation: A systematic review and meta-analysis of fMRI studies in translation and interpreting		
Virtual	11:00-11:20	17:00-17:20	
	Yufan He, North Sichuan Medical College, China		
	Title: Mature B-cell lymphoma with acute myelitis as the first presentation: A case report and literature review		
Virtual	11:20-11:40	12:20-12:40	
	Nikolay Bodyagin, Ryazan State Medical University, Russia		
	Title: Genetic code, neurocode and prospects for developing strong artificial intelligence		
Virtual	11:40-12:20	10:40-11:20	Keynote Presentations
	W S El Masri, Keele University, United Kingdom		
	Title: Predictors of neurological recovery following traumatic spinal cord		
Virtual	12:20-13:00	12:20-13:00	
	Torbjorn Backstrom, Umea University Hospital, Sweden		
	Title: GABA-A receptor modulating steroid antagonists decrease GABAergic tone, improve memory impairment, attenuates fatigue, and decrease neuroinflammation		
Virtual	13:00-13:40	12:00-12:40	
	Luiz Moutinho, University of Suffolk, United Kingdom		
	Title: Future on neurology		
Virtual	13:40-14:20	12:40-13:20	
	Stefano Sandrone, Imperial College London, United Kingdom		
	Title: Neuroscience education: From 'learning by doing' in the classroom to technology-enhance learning		

	Central European Summer Time (CEST)	Local Timings	
Virtual	14:20-15:00	15:20-16:00	
Dobilas Kirvelis, Lithuanian Scientific Society, Lithuania			
Title: The vision neurology as bio-recursion and brain-blockchain			
Virtual	15:00-15:40	15:00-15:40	
Antonio Carlo Galoforo, University of Pavia, Italy			
Title: Oxygen-ozone therapy and cognitive frailty: A non-pharmacological approach to potentially resolve immune and inflammatory dysfunctions			
Virtual	15:40-16:20	09:40-10:20	
Robert B Slocum, University of Kentucky HealthCare, USA			
Title: Narrative medicine: A communication therapy for the communication disorder of Psychogenic Non-Epileptic Seizures (PNES) also known as Functional Seizures (FS)			
Virtual	16:20-16:30	17:20-17:30	Poster Presentations
Cristian Ravariu, University "Politehnica" of Bucharest, Romania			
Title: Biomimetic electronic device for adrenergic synapsis modeling			
Virtual	16:30-16:40	15:30-15:40	
Mohamed Shafei, King's Mill Hospital, United Kingdom			
Title: Diagnostic challenges in creutzfeldt-jakob disease: A case report of atypical presentation			
Virtual	16:40-16:50	15:40-15:50	
Selma Hannachi, Annaba University Hospital, Algeria			
Title: Epidemiology of cerebral infarction in young adults: Study retrospective at the Annaba CHU, Algeria			
Virtual	16:50-17:00	10:50-11:00	
James S Maniscalco, Northwell Health- Staten Island University Hospital, United States			
Title: Alzheimer's Disease (AD) with preexisting hypofrontality versus frontal AD: Radiologic and neuropsychological data in a case of likely dysexecutive alzheimer's disease in a patient with schizophrenia			
Virtual	17:00-17:20	11:00-11:20	Oral Presentations
Martin Kafina, Westchester Medical Center, United States			
Title: Heterotopic ossification of skeletal muscle: A complication of stiff person syndrome			
Virtual	17:20-17:40	16:20-17:40	
Salim Hirani, Ysbyty Gwynedd Hospital, United Kingdom			
Title: Neurophysiological grading tool of ulnar nerve entrapment across wrist and across elbow with case presentation			
Virtual	17:40-18:00	11:40-12:00	
Hakjoo Kim, McLean Hospital / Harvard Medical School, United States			
Title: Measuring and modulating neuronal excitability with transcranial magnetic stimulation: Approaches and mechanisms			

Central
European
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(CEST) Local Timings

Virtual	18:00-18:20	12:00-12:20
Robert B Slocum, University of Kentucky HealthCare, United States		
Title: Narrative medicine applications for neuro-oncology patient identity and quality of life		
Virtual	18:20-18:40	13:20-13:40
Joao Rafael Rocha Da Silva, Connect Life Rehabilitation and Performance, Brazil		
Title: Dysfunctional changes presented by individuals with chronic pain, which impact evidence-based practice for treating pain: Systematic review		
Virtual	18:40-19:00	13:40-14:00
Michelle Melgarejo da Rosa, Federal University of Pernambuco, Brazil		
Title: Schinus Terebinthifolia Raddi Leaf Lectin (STeLL) modulates subacute depressive and anxious behaviors in stress-exposed mice		
Virtual	19:00-19:20	09:00-09:20
David Sperbeck, North Star Behavioral Health Hospital, United States		
Title: Can specific personality traits serve as protective factors against age-related cognitive decline? A longitudinal study of experiential openness and executive functions in healthy older adults		

Notes:

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

12th Edition of International Conference on
Neurology and Brain Disorders
October 20-22, 2025 | Orlando, Florida, USA
<https://neurologycongress.com/>

12th Edition of International Conference on
Neurology and Neurological Disorders
June 2026 | Barcelona, Spain
<https://neurology.magnusconferences.com/>

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