



# V MEETING ANNUALE RETE RIN

**13-14 novembre 2025**

**TAORMINA PALACONGRESSI**

*Organizzato dall'IRCCS Centro Neurolesi Bonino Pulejo di Messina, unico IRCCS pubblico in Sicilia*



**CENTRO NEUROLESI  
BONINO PULEJO**  
IRCCS MESSINA



rete IRCCS delle neuroscienze  
e della neuroriabilitazione

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## **PRESIDENTE DEL CONGRESSO**

Angelo QUARTARONE

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## **COMITATO LOCALE**

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## **SEGRETERIA SCIENTIFICA**

Maria ZANGHÌ • Fabio Mauro GIAMBÒ • Maria CATALANO

rin2025@irccsme.it



# V MEETING A

- 08.30 Registrazione dei Partecipanti
- 08.45 Introduzione al Meeting e apertura lavori  
**Prof. Raffaele Lodi**, *Presidente RIN*  
**Prof. Angelo Quartarone**, *Presidente del Congresso*
- 09.00 Le Reti, sistema funzionale della Ricerca  
**Prof. Luca Padua**, *Direttore Ufficio 3 Direzione Generale Ricerca e Innovazione in Sanità, Ministero della Salute*

## I SESSIONE • DEMENZE

*Chair: F. Tagliavini, R. Ghidoni*

- 09.15 Update sulle attività dell'IVN **F. Tagliavini**
- 09.25 *Neuromodulazione* **G. Koch**
- Comunicazioni Orali**
- 09.45 Effects of Transcranial Pulsed Stimulation (TPS) on Cognitive Functions in Patients with early Alzheimer's disease: A randomised, blinded, sham-controlled, multicentre Study **L. Titti**
- 09.55 Plasma Extracellular Vesicles and Phosphorylated Tau 181 as early Biomarkers of Cognitive Impairment in Alzheimer's Dementia **D. Crescenti**
- 10.05 Cerebrospinal Fluid Proteomic Signatures Distinguish Sporadic Creutzfeldt-Jakob Disease Clinicopathological Subtypes and Predict Patient Survival **A. Mammana**
- 10.15 **Discussione**
- 10.30 Break & **Poster Session I**

**II SESSIONE • PARKINSON E DISTURBI DEL MOVIMENTO***Chair: E. M. Valente, F. Blandini*

- 11.00 Update sulle attività dell'IVN **E. M. Valente**
- 11.10 *Disautonomia nella malattia di Parkinson e parkinsonismi: cosa c'è di nuovo* **G. Calandra**
- Comunicazioni Orali**
- 11.30 Detecting AD-related pathology in Parkinson disease, 4R-tauopathies and control subjects with plasma pTau217 **L. Rigon**
- 11.38 Investigating the role of primary motor cortex in patients with Parkinson's disease: longitudinal evidence and relevance for GBA-driven subtype **D. Belvisi**
- 11.46 Neuropsychological Trajectories in GBA1 Parkinson's Disease: Longitudinal Findings from an Italian Cohort **R. Calabrese**
- 11.54 Brain fingerprinting as a predictive biomarker of art therapy outcomes in Parkinson's disease **A. Ielo**
- 12.02 **Discussione**

**III SESSIONE • SCLEROSI MULTIPLA***Chair: M. Inglese, E. Sessa*

- 12.10 Update sulle attività dell'IVN **M. A. Rocca**
- 12.20 *Utilizzo delle cellule staminali per la cura della Sclerosi Multipla* **A. Uccelli**
- Comunicazioni Orali**
- 12.40 Vitamin D deficiency associates with the risk of infectious mononucleosis: a cohort and Mendelian randomization study **R. Bigi**
- 12.50 Machine Learning for Multiple Sclerosis: classification, phenotype differentiation and disability prediction using demographic, clinical and MRI dat **P. Valsasina**



13.00 Physical exercise modulates T cell activity and mitigates synaptic dysfunction in multiple sclerosis through vagus nerve engagement **A. Musella**

13.10 **Discussione**

13.20 Lunch & **Poster Session II**

## IV SESSIONE • MALATTIE DEL MOTONEURONE

Chair: **V. Silani, R. Liguori**

14.30 Update sulle attività dell'IVN **V. Silani**

14.40 *Neuroimaging avanzato in ALS* **F. Agosta**

### Comunicazioni Orali

15.00 Clinical and Neurophysiological Architecture of Amyotrophic Lateral Sclerosis: Insights and Implications from Exploratory Correlational Patterns and Phenotypic Clustering **C. Schenone**

15.10 Neurofilament light chain in ALS mouse models: a clinically relevant biomarker for preclinical drug development **L. Camporeale**

15.20 Precision biomarker platform for personalized SMA treatment: integrating multi-omic profiling with 3D organoid validation **S. Corti**

15.30 **Discussione**

## V SESSIONE • MALATTIE CEREBROVASCOLARI

Chair: **P. Calabresi, M. L. Malosio**

15.40 Update sulle attività dell'IVN **P. Calabresi**

15.50 *Aggiornamenti sulle emorragie cerebrali intraparentimali: aspetti clinici, terapeutici e prospettive future* **A. Cavallini**

**Comunicazioni Orali**

- 16.10 Exploring Innovative Plasma Brain-Derived Tau assays in Cerebral Amyloid Angiopathy **G. Gorla**
- 16.20 Racial disparities in access to revascularization treatments for acute stroke in Italy: a multicenter, prospective, cohort study **I. Scala**
- 16.30 Inflammatory microvascular events after experimental stroke visualized using magnetic resonance-based molecular and diffusion-weighted imaging **S. Fumagalli**
- 16.40 **Discussione**
- 16.50 Break & **Poster Session III**

**VI SESSIONE • EPILESSIA***Chair: F. Vigeveno, M. Elia*

- 17.30 Update sulle attività dell'IVN **F. Vigeveno**
- 17.40 *New Onset Refractory Status Epilepticus (NORSE): dall'inquadramento clinico alla patogenesi* **F. Villani**

**Comunicazioni Orali**

- 17.50 Autoimmune encephalitis-associated epilepsy: the mam/pilocarpine rat as a new preclinical paradigm **A. Ciotti**
- 18.00 Brain morphometry at 7T in pediatric-onset epilepsies **P. Bosco**
- 18.10 Biomarkers in Epileptic encephalopathy with spike-wave activation in sleep (EESWAS): Evidence of Neuronal Injury and Prevention of Cognitive Decline **S. Massara**
- 18.20 **Discussione**
- 18.30 CHIUSURA PRIMA GIORNATA
- 19.00 ASSEMBLEA DEI SOCI



## VII SESSIONE • NEURO-ONCOLOGIA

Chair: **P. Conte, A. Silvani**

- 09.00 Update sulle attività dell'IVN **A. Silvani**
- 09.10 *Ruolo della connettività cerebrale nella diffusione-invasione del glioma e nella prognosi* **A. Silvani**
- Comunicazioni Orali**
- 09.30 Predictive Molecular Biomarkers in Brain Tumors Across the Lifespan: An Age-Stratified Consensus Statement **F. D'Antonio**
- 09.40 Leptomeningeal carcinomatosis or neurological immune-related adverse event? A diagnostic challenge in the ICI-treated patient **A. Malvaso**
- 09.50 Individualized Functionnectome for the statistical assessment of white matter circuits underlying task-fMRI activations in glioma patients **G. Sighinolfi**
- 10.00 **Discussione**

## VIII SESSIONE • MALATTIE RARE

Chair: **F. Santorelli, M.T. Bassi**

- 10.10 Update sulle attività dell'IVN **F. Santorelli**
- 10.20 *Leucodistrofie pediatriche* **F. Nicita**
- Comunicazioni Orali**
- 10.40 Ultrasound-guided transabdominal delivery of aav9-hsurfl for prenatal treatment of leigh syndrome in pigs **A. Di Donfrancesco**
- 10.50 Design and test of a novel long-reads based diagnostic workflow for the detection and characterization of patients with repeat expansion disorders **F. Casadei**
- 11.00 Very late-onset Krabbe disease with concomitant Alzheimer's disease: case description and a critical review of the literature **S. Rossi**
- 11.10 **Discussione**
- 11.20 **Break & Poster Session IV**

**IX SESSIONE • NEURORIABILITAZIONE***Chair: M. Fini, A. Quartarone*

- 11.50 *Neuroplasticità in movimento: meccanismi cellulari di neuroprotezione in modelli di Malattia di Parkinson* **V. Ghiglieri**
- 12.10 *Approccio neurofisiologico per la predizione del recupero motorio nello stroke* **P. M. Rossini**
- Comunicazioni Orali**
- 12.30 *Machine Learning models to identify potential predictors of response to action observation therapy in unilateral cerebral palsy: an exploratory study* **F. Cruz Sanabria**
- 12.40 *Assessment of global reliability using split-half procedure to enable precision rehabilitation targeting the mirror system* **A. Pirastru**
- 12.50 **Discussione**

**13.00 TAVOLA ROTONDA**

**La Rete RIN incontra le altre Reti: integrazione di competenze e piattaforme tecnologiche a supporto della ricerca degli IRCCS**

*Chair: R. Lodi, A. Quartarone**Tecnologie ed innovazione: le Piattaforme della Rete RIN***Gianluigi Forloni** – IRCCS Mario Negri**Emiliano Giardina** – IRCCS Fondazione Santa Lucia**Pierluigi Nicotera** – IRCCS Fondazione Casimiro Mondino**Anna Nigri** – IRCCS Fondazione Carlo Besta**Michele Piana** – IRCCS Ospedale San Martino**Paolo Maria Rossini** – IRCCS San Raffaele

*Le Reti degli IRCCS: realtà e prospettive*

**Piergiuseppe Pellicci** - Rete Alleanza Contro il Cancro

**Massimo Fini** - Rete Cardiologica

**Fabrizia Lattanzio** - Rete Aging

**Milena Fini** - Rete Apparato Muscolo-Scheletrico

**Angelo Ravelli** - Rete Italiana salute Dell'Età evolutiva

14.20 **Discussione**

14.30 Lunch & **Poster Session V**

## X SESSIONE • CEFALEE E DOLORE

*Chair: R. Grugno, C. Tassorelli*

15.30 *Terapia dell'emicrania: dai farmaci di riposizionamento a quelli target-specifici*

**C. Tassorelli**

15.50 *Applicazioni cliniche della MRgFUS nel Dolore Neuropatico*

**S. Marino**

### **Comunicazioni Orali**

16.10 Triple network disruption in Medication Overuse Headache: functional signatures and clinical impact

**D. Fedeli**

16.20 Unraveling the Spectrum of Migraine Resistant to Anti-CGRP Treatments: is There a Role for the Endocannabinodiome System?

**G. Vaghi**

16.30 **Discussione**

**XI SESSIONE • DISTURBI DI COSCIENZA***Chair: C. Rifci, G. Lanza*

- 16.40 *Valutazione multimodale dei disturbi della coscienza protratti* **A. Estraneo**
- 17.00 *Innovazioni tecnologiche nel percorso riabilitativo dei pazienti con GCA* **R. S. Calabrò**
- 17.20 *Interazione cuore-cervello e biomarcatori nei disturbi di coscienza* **F. Riganello**
- Comunicazioni Orali**
- 17.40 PET in conjunction with resting-state functional MRI for the study of chronic Disorders of Consciousness **A. Deruti**
- 18.00 A case of Bickerstaff brainstem encephalitis anti-gq1b antibodies negative **L. Volpi**
- 18.10 **Discussione**
- 18.20 PREMIAZIONE COMUNICAZIONI ORALI E POSTER
- 19.00 FARWELL COCKTAIL



1. AIELLO Marco, *IRCCS SYNLAB SDN, Napoli*  
DIADEMA: A Project to Improve the Neuroradiological Workflow with AI
2. ARCARO Marina, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*  
“PLASMA P-TAU217 PROFILE IN ATYPICAL PRESENTATIONS OF ALZHEIMER’S DISEASE”
3. ARCHETTI Damiano, *IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, Brescia*  
Towards scanner-independent MRI markers: a harmonization service for the RIN Network
4. BALDUCCI Claudia, *IRCCS Istituto di Ricerche Farmacologiche Mario Negri, Milano*  
“PRECONDITIONED MESENCHYMAL STEM CELL-DERIVED SECRETOME AS A THERAPEUTIC OPPORTUNITY FOR ALZHEIMER’S DISEASE: REGIMEN SHAPES EFFICACY”
5. BOSCO Paolo, *IRCCS Fondazione Stella Maris, Pisa*  
“Assessment of Cerebral Blood Flow in a naturalistic cohort of people with SCD and MCI: a brain MRI study”
6. CAPPADONA Irene, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“THE HIDDEN BURDEN OF DEPRESSION ON FUNCTIONAL AUTONOMY IN COGNITIVE DECLINE”
7. Cipriano Giovanni Luca, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“MUTANT TAU (P301L) UPREGULATES MTOR PATHWAY ENHANCING GLOBAL PROTEIN TRANSLATION IN DIFFERENTIATED SH-SY5Y CELLS”
8. D’ANGIOLINI Simone, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Early Dysregulation of RNA Splicing and Translation Processes Are Key Markers from Mild Cognitive Impairment to Alzheimer’s Disease: An In Silico Transcriptomic Analysis”
9. DE PAOLA Massimiliano, *IRCCS Istituto di Ricerche Farmacologiche Mario Negri, Milano*  
“TITLE: IPSC-DERIVED NEURAL CELLS AND BRAIN ORGANOIDS TO STUDY PATHOGENIC MECHANISMS OF ALZHEIMER’S DISEASE”
10. FARACI Ambra, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“TRACE4AD™: AI FOR EARLY DIAGNOSIS, PROGNOSTIC STRATIFICATION AND CLINICAL DECISION SUPPORT IN ALZHEIMER’S DISEASE”

11. FENOGLIO Chiara, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano / Università di Milano*  
Exploring salivary Extracellular Vesicles miRNAs as a non-invasive diagnostic tool for Alzheimer's disease
12. FENOGLIO Chiara, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano / Università di Milano*  
Inflammatory molecules profile in microglia enriched extracellular vesicles from patients with Alzheimer's disease
13. FUNDARÒ Cira, *Istituti Clinici Scientifici Maugeri IRCCS, Montescano-Pavia*  
"Monitoring the outpatient-caregiver dyad of a rehabilitation hospital: socio-demographic characteristics and impact of cognitive and functional impairment over time"
14. FUNDARÒ Cira, *Istituti Clinici Scientifici Maugeri IRCCS, Montescano-Pavia*  
"A new screening tool for Subjective Cognitive Decline: preliminary data on validity and reliability of MASCoD"
15. GRIMALDI Alessandro, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
"Identifying Early Markers of Cognitive Decline Through AI-Based Integration of Neuropsychological and Neuroimaging in Dementia"
16. MALATINO Chiara, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
"Long non-coding RNAs in glial cells. What is going on in neuroinflammation?"
17. MANERA Marina, *Istituti Clinici Scientifici Maugeri IRCCS, Montescano-Pavia*  
"Preliminary data in a Randomized Control Trial Multidimensional Screening and Neurocognitive Intervention in Vascular and Multimorbid Outpatients"
18. MANERA Marina, *Istituti Clinici Scientifici Maugeri IRCCS, Montescano-Pavia*  
Cognitive Interventions for Mild Cognitive Impairment and Dementia: A Systematic Review
19. MUSCARÀ Claudia, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
"ANALYSIS OF THE TOXICITY OF PCBS 118 AND 153 USING TRANSCRIPTIONAL PROFILING IN HUMAN NEUROBLASTOMA SH-SY5Y CELLS"



20. PAGANO Maria, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“EXECUTIVE DYSFUNCTION AND BEHAVIORAL SYMPTOMS IN COGNITIVE DECLINE: THE EXACERBATING EFFECT OF SLEEP DISTURBANCES”
21. PAPPALETTERA Chiara, *IRCCS San Raffaele, Roma / eCampus University, Novedrate*  
“DISTINCT EEG ENTROPY PATTERNS DIFFERENTIATE NORMAL AGING, MCI, AND ALZHEIMER’S DISEASE”
22. PAPPALETTERA Chiara, *IRCCS San Raffaele, Roma / eCampus University, Novedrate*  
“COGNITIVE RESERVE AND BRAIN NETWORK DYNAMICS: AGE-DEPENDENT SMALL-WORLD MODULATIONS FROM RESTING-STATE EEG”
23. PINTUS Manuela, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*  
“NEUROFILAMENT LIGHT CHAINS IN THE DIFFERENTIAL DIAGNOSIS OF NEURODEGENERATIVE DEMENTIAS AND PRIMARY PSYCHIATRIC DISORDERS: A REAL-WORLD STUDY”
24. RAVAIOLI Francesco, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“ASSOCIATION OF PBMC TRANSCRIPTOME AND ALZHEIMER’S DISEASE PLASMA BIOMARKERS IN A COHORT OF ADULTS WITH DOWN SYNDROME”
25. AVENALI Micol, *IRCCS Mondino Foundation, Pavia*  
“POSTERIOR HYPOMETABOLISM IS ASSOCIATED WITH VISUOSPATIAL AND GAIT DEFICITS IN GBA1 PARKINSON’S DISEASE”
26. BERTINO Salvatore, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
Spectral Parametrization reveals altered cortical neurophysiological signatures in Parkinson’s disease patients
27. BOTTA Alessandro, *IRCCS San Martino Hospital, Genova*  
PRESERVED NEUROPLASTICITY IN PATIENTS AFFECTED BY PARKINSON’S DISEASE RESPONDERS TO EXTERNAL AUDITORY CUEING STRATEGIES
28. BOTTA Alessandro, *IRCCS San Martino Hospital, Genova*  
MULTISITE HIGH-DEFINITION  $\gamma$ -tACS DURING RHYTHMIC AUDITORY CUED GAIT ENHANCES NETWORK EFFICIENCY AND PROMOTES CUE RESPONSIVENESS IN PARKINSON’S DISEASE

29. CALABRESE Valeria, *IRCCS San Raffaele, Roma / San Raffaele Open University, Roma*  
The effect of Thymosin alpha 1, a peptide immune modulator, on dopamine release
30. CARTA Diamante, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
Clinical Efficacy of Neuromodulation in Isolated Dystonia
31. CIURLEO Rossella, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“The impact of Motor Symptom Asymmetry on the relationship between Non-Motor manifestations and the neurometabolic profile in Parkinson’s Disease”
32. CULICETTO Laura, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“SHIFTING ATTENTION, MODULATING EMOTIONS: PRISMATIC ADAPTATION EFFECTS ON ALEXITHYMIA IN PARKINSON’S DISEASE”
33. DATTOLA Serena, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
CNN-Based Classification of Resting Tremor Amplitude in Parkinson’s Disease
34. DE PANDIS Maria Francesca, *San Raffaele Open University, Roma*  
TELEREHABILITATION IN PEOPLE WITH PARKINSON’S DISEASE (TEMPO): A PRELIMINARY RESULTS OF AN INTERVENTIONAL MULTICENTRE, SINGLE-BLIND, RANDOMIZED CONTROLLED TRIAL
35. DE SALVO Simona, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Olfactory Event-Related Potentials as Biomarkers in Early Parkinson’s Disease: An Electrophysiological Study”
36. DELPRETE Cecilia, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“SKIN INTRANEURAL PHOSPHORYLATED A-SYNUCLEIN IS A HIGHLY SPECIFIC BIOMARKER FOR PARKINSON’S DISEASE AT EARLY DISEASE STAGES: A PROSPECTIVE COHORT STUDY”
37. DI MARTINO Deborah, *IRCCS Mondino Foundation, Pavia / Università di Pavia, Pavia*  
“CHARACTERIZATION OF THE GBA1 L444P/+ MOUSE MODEL OF PARKINSON’S DISEASE”
38. INGLESE Matilde, *Università Tor Vergata, Roma*  
Bridging Multicenter Variability with Synthetic Harmonization: A National DAT SPECT Initiative within IVNPD & IVND



39. LATELLA Desirèe, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“BEYOND MOTOR SYMPTOMS: DOES COGNITION SHAPE QUALITY OF LIFE IN MEN AND WOMEN WITH PARKINSON’S DISEASE?”
40. MARAFIOTI Giulia, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Motor and Non-Motor Symptoms in Parkinson’s Disease Patients With and Without Cognitive Impairment”
41. MEDINA Carrion Jean Paul, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
Neurotransmitter functional reorganization after MRgFUS thalamotomy in essential tremor
42. MONFRINI Edoardo, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*  
Compound Heterozygous Structural Variants in Cases with Unsolved PRKN-Associated Parkinson’s Disease
43. PALMIGIANO Aurora, *IRCCS Oasi, Troina / Università di Catania, Catania*  
FIRST EVIDENCE OF ALTERED INTERHEMISPHERIC EXCITABILITY IN PATIENTS WITH REM SLEEP BEHAVIOR DISORDER (RBD): AN EXPLORATORY TMS STUDY
44. RIGON Leonardo, *IRCCS Ospedale San Camillo, Venezia*  
“Electrode impedance measures to support deep brain stimulation programming in Parkinson’s disease: a proof of concept study and hands-on tool”
45. SAIBENE Francesca Lea, *IRCCS Fondazione Don Carlo Gnocchi, Milano*  
“Dyslexia in Parkinson’s Disease: Motor or Cognitive Disorder? Evidences from an Eye-Tracker Reading Study”
46. SALVATORE Anna, *IRCCS Fondazione Don Carlo Gnocchi, Milano*  
“Harmonization of neuropsychological, cognitive and psycho-behavioral assessment tools specific to People with Parkinson’s Disease: presentation of the SOPs developed by the IVNPD Neuropsychology Board”
47. SALVATORE Anna, *IRCCS Fondazione Don Carlo Gnocchi, Milano*  
“The Raman fingerprint of Salivary Extracellular Vesicles for the differential diagnosis of movement disorders: the MINERVA project”

1. BALDISSERI Francesco, *Università di Genova, Genova*  
 “Longitudinal Evaluation of Brain Atrophy and Cervical Cord Cross Sectional Area in MS Patients Initiating High-Efficacy Therapies”
2. BARBANO Lucilla, *IRCCS Fondazione Bietti, Roma*  
 “Structural and functional assessment of the macular inner retinal layers in multiple sclerosis eyes without history of optic neuropathy”
3. BERNI Alessia, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
 “MiR-150-5p and miR-146a-5p as biomarkers for monitoring patient-specific response to novel targeted therapies in Myasthenia Gravis”
4. CHIRICOSTA Luigi, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Decoding CD4<sup>+</sup> T Cell Transcriptome: mRNA-lncRNA Correlation Patterns in Primary Progressive MS”
5. CIPRIANO Emilio, *Università di Genova, Genova*  
 “Longitudinal MRI Assessment of Neurite and Soma Density After Autologous Hematopoietic Stem Cell Transplantation in MS”
6. DE VITO Francesca, *IRCCS INM Neuromed, Pozzilli*  
 “TARGETING GUT DYSBIOSIS TO TREAT HIGH-FAT-DIET-DRIVEN SYNAPTOPATHY IN MULTIPLE SCLEROSIS”
7. DIMONTE Alessio, *Università Vita-Salute San Raffaele, Milano*  
 “PREDICTION OF NEDA LOSS IN MULTIPLE SCLEROSIS PATIENTS TREATED WITH MEDIUM EFFICACY TREATMENTS”
8. GILIO Luana, *IRCCS INM Neuromed, Pozzilli / Università Internazionale Telematica Nettuno, Roma*  
 “NEUROTRANSMITTER DYSREGULATION, FATIGUE, COGNITION AND QUALITY OF LIFE IN RELAPSING-REMITTING MULTIPLE SCLEROSIS: EVIDENCE OF SYNERGISTIC AND IMMUNOLOGICAL INTERACTIONS”
9. GIUNTA Giada Maria, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
 “Alemtuzumab induces cell cytotoxicity involving complement and necroptotic pathways and triggers the release of extracellular traps in people with multiple sclerosis”



10. IVALDI Daniela, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Feasibility and Preliminary Effects of Ballet-Based Group Dance Intervention in Relapsing/Remitting Multiple Sclerosis: A Case Series Pilot Study”
11. LOMBARDO Roberta, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Subcortical structures involved in dynamic balance: A preliminary study in people with Multiple Sclerosis”
12. MINUTI Aurelio, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “In silico analysis of transcriptomic changes in clinically isolated syndrome: insights into early mechanisms of multiple sclerosis”
13. RESTUCCIA Giovanni, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Exploring Functional Connectivity Within Crucial Memory Networks: A Preliminary Study in Multiple Sclerosis”
14. SCHEPICI Giovanni, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 Microbial Infections in Relapsing-Remitting Multiple Sclerosis: Serological Evidence
15. SGAMBATO Giorgia, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
 “Integrated Home and Clinic-based Assessment of Exoskeleton and Virtual Reality Gait Training in People with Multiple Sclerosis”
16. STORELLI Loredana, *IRCCS Ospedale San Raffaele, Milano*  
 “PREDICTING DEVELOPMENT OF NEUROCOGNITIVE DISORDERS IN MULTIPLE SCLEROSIS USING ARTIFICIAL INTELLIGENCE: COMBINING MRI AND CLINICAL DATA”
17. SUSINNA Carla, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Brain Volume Metrics from MRI as Predictors of Clinical Disability in Relapsing-Remitting Multiple Sclerosis”
18. TRIOLO Gabriele, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “From Integrated Motor–Cognitive Assessment to Rehabilitation in MS: Evidence for Shared Mechanisms”
19. VIGO Tiziana, *IRCCS San Martino Hospital, Genova*  
 “Noradrenergic Control of Bone Marrow and Thymus by AgRP Neurons Is Impaired in Experimental Multiple Sclerosis”
20. BARONE Carolina, *Università di Genova, Genova*  
 “CORRELATIONS BETWEEN UPPER AND LOWER MOTOR NEURON INVOLVEMENT ACROSS ALS PHENOTYPES”

21. BEATRICE Francesca, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano / Università di Milano*  
 “COMBINING MULTI-OMIC ANALYSIS AND 3D ORGANOIDs TO IDENTIFY BIOMARKERS FOR SPINAL MUSCULAR ATROPHY”
22. CASIRAGHI Valeria, *Università di Milano, Milano*  
 “Chemical induction of aging in iPSC-spinal cord organoids to model amyotrophic lateral sclerosis”
23. GAGLIARDI Delia, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*  
 “High Prevalence of SOD1 Pathogenic Variants in the UK Biobank: Implications for Early Intervention in Amyotrophic Lateral Sclerosis”
24. MALOSIO Maria Luisa, *IRCCS Humanitas Research Hospital, Milano*  
 Multiscale functional validation platform for RNA-based drugs in the CNS
25. PASETTO Laura, *IRCCS Istituto di Ricerche Farmacologiche Mario Negri, Milano*  
 “A MULTISYSTEM AND MULTITARGET THERAPEUTIC APPROACH TO HAMPER AMYOTROPHIC LATERAL SCLEROSIS (MultitreatALS)”
26. PELLEGRINI Enrico, *IRCCS Humanitas Research Hospital, Milano / IRCCS Istituto Auxologico Italiano Milano*  
 “Altered Induced Pluripotent Stem Cell (iPSC)-derived Microglia in Amyotrophic Latreal Sclerosis”
27. PIRAS Rachele, *Istituti Clinici Scientifici Maugeri IRCCS, Milano*  
 “TEMPORAL MUSCLE THICKNESS AS A MARKER OF FUNCTIONAL STATUS IN AMYOTROPHIC LATERAL SCLEROSIS”
28. PUPILLO Elisabetta, *IRCCS Istituto di Ricerche Farmacologiche Mario Negri, Milano*  
 “Understanding Long-Term Survivors in ALS: A Cohort Study on Subject Characteristics and Prognostic Factors”
29. PUPILLO Elisabetta, *IRCCS Istituto di Ricerche Farmacologiche Mario Negri, Milano*  
 “A randomized, phase II/III trial on the biological and clinical effects of acetyl-L-carnitine in ALS: study protocol”



30. RIZZUTI Mafalda, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*  
“INVESTIGATING THE ROLE OF HUMAN ENDOGENOUS RETROVIRUS-K IN AMYOTROPHIC LATERAL SCLEROSIS”
31. SCHENONE Cristina, *IRCCS San Martino Hospital, Genova*  
Comparative Efficacy of Rehabilitation Strategies in Amyotrophic Lateral Sclerosis: A Frequentist and Bayesian Network Meta-Analysis with Network Meta-Regressions
32. SILVESTRO Serena, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“CANNABINOL REPROGRAMS NEURONAL SURVIVAL: ACTIVATION OF NRF2 AND MODULATION OF SYNAPTIC PLASTICITY”

1. BEVILACQUA Elisa, *IRCCS Ospedale San Camillo, Venezia*  
“Reporting of pre-analytical variables affecting the determination of Brain-Derived Neurotrophic Factor (BDNF) in stroke patients: A scoping review”
2. LOSA Mattia, *Università di Genova, Genova*  
[18F] FDG-PET APPLIED TO CEREBRAL AMYLOID ANGIO-PATHY: A WINDOW INTO THE CONTINUUM OF CEREBRAL AMYLOIDOSIS
3. MALOSIO Maria Luisa, *IRCCS Humanitas Research Hospital, Milano*  
“DIAGNOSTIC AND PROGNOSTIC POTENTIAL OF BRAIN INJURY BIOMARKERS IN ACUTE ISCHEMIC STROKE: TEMPORAL EVOLUTION AND CLINICAL SIGNIFICANCE IN RELATION TO REHABILITATION”
4. MILANI Matteo, *Fondazione, IRCCS Istituto Neurologico Carlo Besta, Milano*  
“OUTCOMES IN NEUROINTERVENTIONAL RADIOLOGY, INDICATIONS AND COMPLICATIONS (ONIRIC). ANXIETY AND DEPRESSIVE SYMPTOMS, COPING STRATEGIES AND QUALITY OF LIFE BEFORE AND AFTER ELECTIVE NEUROENDOVASCULAR TREATMENT”
5. MILITI Annalisa, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Radiological Characterization and Clinical Outcome in Patients with intracranial hemorrhage (ICH)”
6. NUCCI Lorenzo, *IRCCS San Raffaele, Roma*  
“ARTIFICIAL INTELLIGENCE AND EEG CONNECTIVITY IN STROKE: FROM DIAGNOSIS TO RECOVERY PREDICTION”
7. NUCCI Lorenzo, *IRCCS San Raffaele, Roma*  
“PREVICTUS STUDY: INTEGRATING CLINICAL, NEUROPHYSIOLOGICAL AND NEUROIMAGING BIOMARKERS TO PREDICT AND PERSONALIZE POST-STROKE MOTOR RECOVERY - PRELIMINARY DATA”
8. PASCIUTO Tina, *Fondazione Policlinico Universitario A. Gemelli IRCCS, Roma*  
“The National Registry of Cerebrovascular diseases: technical and organizational solutions for managing the BIG-MENTI database”
9. RIZZO Pier Andrea, *Fondazione Policlinico Universitario A. Gemelli IRCCS, Roma*  
“Socioeconomic Status and Access to Acute Stroke Care: Evidence from a Large Cohort Study in a Universal Healthcare System”



10. SASSOS Davide, *IRCCS San Martino Hospital, Genova*  
“Large Core Stroke: dai dati di letteratura alla realtà clinica. Proposta di PDTA (Percorso Diagnostico-Terapeutico-Assistenziale) per la gestione dei pazienti con ictus acuto da LVO e large core presso IRCCS Ospedale Policlinico S. Martino”
11. DI FRANCESCO Mattia Lorenzo, *IRCCS San Martino Hospital, Genova*  
“THE NOVEL MEMBRANE-TARGETED MOLECULAR PHOTOSWITCH ZIAPIN2 RESCUES NEURONAL EXCITABILITY IN MODELS OF EPILEPSY”
12. FRANCO Valentina, *IRCCS Mondino Foundation, Pavia / Università di Pavia, Pavia*  
“Clinical Validation of a Saliva Microsampling-Based Approach for Patient-Centric Monitoring of Perampanel and Comparative Evaluation of Automated and Manual Sample Preparation Protocols”
13. GILBERTI Andrea, *Università di Genova, Genova*  
“CARATTERIZZAZIONE DEL PERCORSO DIAGNOSTICO-TERAPEUTICO DELLO STATO EPILETTICO NEL POLICLINICO SAN MARTINO”
14. MAMBRETTI Fabiana, *IRCCS E. Medea, Bosisio Parini*  
“NOVEL VARIANTS EXPAND THE PHENOTYPIC SPECTRUM OF SYNGAP1 RELATED DISORDERS”
15. MANZONI Francesca, *Università di Genova, Genova*  
“METABOLIC HETEROGENEITY OF MESIAL TEMPORAL LOBE EPILEPSY AND FUNCTIONAL CORRELATES. PRELIMINARY DATA”
16. MASSARA Sara, *IRCCS San Raffaele, Roma*  
“OUT-OF-HOSPITAL MANAGEMENT OF PROLONGED EPILEPTIC SEIZURES: EVIDENCE FROM A NATIONAL CAREGIVER SURVEY”
17. VOLPI Lilia, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“BOTULINUM TOXIN: AN UNUSUAL ADDITIONAL TREATMENT IN EPILEPSIA PARTIALIS CONTINUA”
18. PAVLIDIS Elena, *Regional Hospital of Bolzano, Paracelsus Medical University of Bolzano*  
“NEONATAL STATUS EPILEPTICUS”

1. ARCARA Giorgio, *Università di Padova, Padova*  
“PREVALENCE AND IMPACT OF NEUROLOGICAL AND PSYCHIATRIC COMORBIDITIES IN LUNG CANCER PATIENTS”
2. ARCELLA Antonietta, *IRCCS INM Neuromed, Pozzilli*  
Is RNF182 a novel marker of glioblastoma growth?
3. ARCELLA Antonietta, *IRCCS INM Neuromed, Pozzilli*  
Viortexetine : from antidepressant to growth inhibitor of patient’s glioblastoma cell lines
4. BEVILACQUA Elisa, *IRCCS Ospedale San Camillo, Venezia*  
“Investigating the trajectories of association between biomarkers and cancer-related cognitive impairment in patients with breast cancer: a systematic review”
5. CASPANI Elisabetta Maria, *IRCCS San Martino Hospital, Genova*  
Brain pericytes: a possible new tool to defeat brain tumour malignancy
6. CURATOLI Chiara, *Fondazione IRCCS Istituto Neurologico Carlo Besta / IRCCS Istituto Auxologico Italiano, Milano*  
“Visuospatial Deficits in Parietal Gliomas: A Prospective Study on Cognitive Impairment and White Matter Involvement”
7. MALATESTA Paolo, *IRCCS San Martino Hospital, Genova / Università di Genova, Genova*  
“ENGINEERED M13 BACTERIOPHAGE AS A VECTOR PLATFORM FOR PHOTO- AND SONODYNAMIC THERAPY IN GLIOBLASTOMA”
8. MALATESTA Paolo, *IRCCS San Martino Hospital, Genova / Università di Genova, Genova*  
“IN VITRO MODELING OF EARLY GLIOMA PROGRESSION USING NEURAL ORGANOIDs”
9. MALVASO Antonio, *IRCCS Mondino Foundation, Pavia*  
“High-Grade Neurological Immune-Related Adverse Events: unravelling the Acute, Chronic and Steroid-Refractory Management”
10. SOLDINI Elisabetta, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
“Socio-demographic Predictors of Cognitive and Psychological Course at Three Months after Surgery in patients with Low-Grade Meningiomas: Institutional series from the NEON Project”
11. AMBROSI Pierfrancesco, *IRCCS Fondazione Stella Maris, Pisa*  
Investigating muscular dystrophies and myopathies at 7T using 31P-MRS



12. CAPIROSSI Giada, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“MODELLING MERRF IN NEURAL PROGENITOR CELLS AND CORTICAL ORGANOID: MANIPULATING PATIENT-DERIVED iPSCs TO GAIN INSIGHTS INTO PROSPECTIVE PRE-CLINICAL THERAPEUTIC STRATEGIES”
13. CARROZZINI Tatiana, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
NFL and GFAP Plasma Levels Reflect Disease Onset and Severity in CADASIL patients
14. CAVESTRO Chiara, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano / Politecnico di Milano*  
“Lerigitazone alleviates neurodegeneration and neuroinflammation in a disease-relevant mouse model of COASY dysfunction”
15. CORTI Stefania, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano / Università di Milano*  
“ATAXIA WITH VITAMIN E DEFICIENCY (AVED) SYNDROME WITH A NOVEL VARIANT IN TTPA GENE: A PAIRED CASE REPORT”
16. CORTI Stefania, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano / Università di Milano*  
“MESSENGER RNA THERAPY AS A TREATMENT FOR MPV17-RELATED mtDNA DEPLETION SYNDROME”
17. DALLA ZANNA Gianmarco, *Università Cattolica del Sacro Cuore, Roma*  
“DYSTONIA AND ATAXIA ASSOCIATED WITH BRAIN IRON ACCUMULATION: EXPANDING THE PHENOTYPE OF NPTX1-SPINOCEREBELLAR ATAXIA 50”
18. FALACE Antonio, *IRCCS Istituto Giannina Gaslini, Genova*  
“TBC1D24 and vATPase interplay in the brain: physiopathology of TBC1D24-related epilepsies”
19. Fiorini Claudio, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“RECESSIVE VARIANTS IN MITOCHONDRIAL COMPLEX I NUCLEAR SUBUNITS ARE AN UNDERRATED CAUSE OF OPTIC ATROPHY”
20. LANCIONE Marta, *IRCCS Fondazione Stella Maris, Pisa*  
“Reproducibility of joint T1-T2 transient-state relaxometry across multiple vendors and implementations at 3T”

21. MARCHET Silvia, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
“VALIDATION OF CIRCULATING FGF-21 AND GDF-15 AS RELIABLE BIOMARKERS IN A LARGE COHORT OF ADULT PATIENTS WITH PRIMARY MITOCHONDRIAL DISEASES”
22. MENGOLI Elena, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“Social cognition in patients with Narcolepsy Type 1, with and without pharmacological treatment. Preliminary data”
23. MUCCIOLI Lorenzo, *IRCCS Istituto delle Scienze Neurologiche, Bologna / Università di Bologna*  
Neurofilament light chain as a biomarker of disease progression in Lafora disease
24. NAEF Valentina, *IRCCS Fondazione Stella Maris, Pisa*  
Exploring the role of microglia in ARSACS: insights from Danio rerio
25. NASCA Alessia, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
“BRIDGING GENOMICS AND TRANSCRIPTOMICS TO UNDERSTAND PRIMARY MITOCHONDRIAL MYOPATHIES”
26. SANTUCCI Lorenzo, *IRCCS Fondazione Stella Maris, Pisa*  
Antidiabetic repurposing and lipid biomarkers in cln8 zebrafish model
27. SERRA Lucrezia, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
“IMPACT OF IMMUNOTHERAPY ON ANTIBODY PERSISTANCE IN MYASTHENIA GRAVIS: INSIGHTS FROM DIFFERENT DETECTIONS TECHNIQUES”
28. STRAFELLA Claudia, *IRCCS Santa Lucia Foundation, Roma*  
Biallelic PAX7 variants as a cause of myopathy with FSHD-like clinical features
29. TROPEANO Concetta Valentina, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
DISSECTION OF INTRINSIC APOPTOSIS PATHWAY IN OPA3-KO MODEL CELL LINE
30. BONANNO Mirjam, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
The Role of Robotic-Assisted Upper-Limb Therapy in Managing Post-Stroke Pain
31. CALAPAI Rosalia, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Multimodal effects of expressive art therapy in Severe Acquired Brain Injury people: Preliminary data from a Neurorehabilitation Unit”



32. CALDERONE Andrea, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“EXPLORING GROUP-BASED VIRTUAL REALITY COGNITIVE TRAINING FOR EMOTIONAL WELL-BEING IN SEVERE ACQUIRED BRAIN INJURY: A PILOT STUDY”
33. CAMARDA Giorgia, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
“Early Teleneurorehabilitation in a Patient with a Rare Brain Tumor: A Single-Case Study within the SIMPLIF-AI Project”
34. CARDILE Davide, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“EXPLORING VESPA 2.0 IMPLEMENTATION FOR COGNITIVE REHABILITATION IN SEVERE ACQUIRED BRAIN INJURY: A SCED STUDY”
35. DE DOMENICO Carmela, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Efficacy of Virtual Reality–Supported Speech Therapy in Children with Developmental Language Disorder: A Randomized Controlled Trial”
36. De Pasquale Paolo, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Implementation of the Sensory Organization Test in the CAREN System: A Pilot Feasibility Study with Clinical Perspectives”
37. DI CARA Marcella, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“MULTIMODAL INTERVENTIONS TO PROMOTE COMMUNICATION IN MINIMALLY VERBAL AUTISTIC CHILDREN: A SYSTEMATIC REVIEW”
38. FORMICA Caterina, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Cerebral Plasticity in post-stroke patients: applications of High Density EEG and Mirror Therapy”
39. KIPER Pawel, *IRCCS Ospedale San Camillo, Venezia*  
Telerehabilitation for Stroke: A Personalized Multi-Domain Approach in a Pilot Study
40. MAESTRINI Sara, *IRCCS San Martino Hospital, Genova / Università di Genova, Genova*  
“Assessment of patients affected by INPH after external lumbar drainage: what is the better timing?”
41. MAGGIO Maria Grazia, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Immersive Virtual Reality as a Novel Approach to improve Social Cognition in Multiple Sclerosis: A Pilot Study”

42. MAIONE Raffaella, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Enhancing Mental Well-Being in Mild Cognitive Impairment: The Impact of the VESPA 2.0 Virtual Reality Rehabilitation Program on Depression and Anxiety”
43. MARCACCINI Kevin, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
 “Interventional Study Investigating Virtual Reality-Based Gait Training with Orthoses in People with Multiple Sclerosis”
44. MIRABILE Alessio, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “Role of tDCS plus virtual reality in enhancing cognitive function in patients with chronic stroke: pilote study”
45. PAGANI Andrea, *IRCCS San Martino Hospital, Genova / Università di Genova, Genova*  
 Dramatherapy as rehabilitation approach in patients with aphasia
46. PELLICCIARI Leonardo, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
 “DEVELOPMENT OF THE UNIFIED TRUNK ASSESSMENT SCALE: A RASCH ANALYSIS STUDY”
47. PELLICCIARI Leonardo, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
 “THE TOTAL SCORE OF THE SHORT PHYSICAL PERFORMANCE BATTERY SHOULD BE USED BUT NOT EACH SUBSCALE SEPARATELY: A SYSTEMATIC REVIEW OF RELIABILITY STUDIES”
48. PICCOLO Adriana, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
 “VIRTUAL REALITY SUPPORTIVE ENVIRONMENT TO IMPROVE PARENTAL INVOLVEMENT IN AUTISM INTERVENTION: A PILOT STUDY”
49. ROTONDO Rossella, *San Raffaele Open University, Roma*  
 DOSE-RESPONSE EFFECTS OF PHYSICAL EXERCISE ON PERIPHERAL BIOMARKERS IN PARKINSON'S DISEASE: PRELIMINARY RESULTS FROM THE METEX-PD STUDY
50. TROMPETTO Carlo, *IRCCS San Martino Hospital, Genova*  
 “EMG-ASSESSED PARATONIA: FROM DEMENTIA TO HEALTHY SUBJECTS, A WINDOW INTO MOTOR RESPONSE INHIBITION”
51. VERRENGIA Maria Giovanna, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
 “Unveiling the clinical impact of lower limb robotic devices in neurorehabilitation: an umbrella review”
52. LICITRI Laura, *Università di Messina*  
 “Modulation of calcium signaling in GBM cells by selective antagonist of the gastrin-releasing peptide bombesin receptor: a new potential target therapy”



1. ANSELMO Anna, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“BEYOND PAIN: CENTRAL SENSITIZATION AND NEUROPSYCHOLOGY IN CHRONIC LOW BACK PAIN”
2. DE BENEDETTO Francesco, *Università Bicocca, Milano*  
“Reading Pain in the Brain: An EEG Study on Empathic Neural Responses to Painful Images”
3. DE ICCO Roberto, *IRCCS Mondino Foundation, Pavia / Università di Pavia, Pavia*  
Neurophysiological effects of atogepant in episodic migraine: the ATOM project
4. DE ICCO Roberto, *IRCCS Mondino Foundation, Pavia / Università di Pavia, Pavia*  
“ROLE OF SPECIFIC microRNAs IN CLUSTER HEADACHE: ASSOCIATION WITH DISEASE PHENOTYPE AND NEUROPEPTIDE LEVELS”
5. GRECO Rosaria, *IRCCS Mondino Foundation, Pavia*  
“Modulation of brain network connectivity by CGRP antagonism in a nitroglycerin-induced migraine model”
6. LOCATELLI Gaia, *Scuola Universitaria Superiore IUSS, Pavia*  
“NON-INVASIVE BRAIN STIMULATION FOR CORE SYMPTOMS OF CHRONIC PRIMARY PAIN: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS”
7. CACCIATORE Martina, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
Ultrasound assessment in patients with Disorders of Consciousness: diagnostic advances
8. GJONAJ Elvira, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
EEG study: effect of tactile and thermal stimulation in disorder of consciousness patients
9. LE CAUSE Maria, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
Multimodal Assessment and Therapeutic Potential Assessment in Disorders of Consciousness
10. MAGNANI Francesca, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*  
“Does spontaneous brain activity predict prognosis of patients with Disorders of Consciousness? A coordinate-based meta-analysis of fMRI studies”

11. AMBROSI Pierfrancesco, *IRCCS Fondazione Stella Maris, Pisa*  
“Subcortical nuclei in the Action-Observation Network investigated at Ultra-high Field”
12. ARCHETTI Damiano, *IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, Brescia*  
An Explainable Multimodal Artificial Intelligence Model for Classifying Suicide Attempters with Borderline Personality Disorder: a Pilot Study
13. CENCINI Matteo, *IRCCS Fondazione Stella Maris, Pisa*  
“MRtwin: an open-source Python package to create virtual qMRI phantoms for benchmark and synthetic data generation”
14. DE COLA Maria Cristina, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
A translational approach to characterize the muscle-brain interplay in neurological noncommunicable diseases. The M-Brain project
15. FRUCI Michele, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
AN INTEGRATED APPROACH TO CLINICAL AND IMAGING DATA IN BIOBANKING
16. GIAMBÒ Fabio Mauro, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“A modular and data-driven framework for automated psychological testing and secure data management”
17. LUI Maria, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Computational Splicing Analysis of Transcriptomic Data Reveals Sulforaphane Modulation of Alternative mRNA Splicing of DNA Repair Genes in Differentiated SH-SY5Y Neurons”
18. PECONI Cristina, *IRCCS Santa Lucia Foundation, Roma*  
“Preparing for the EHDS: Assessing the Readiness of Genomic Centers within the Italian RIN Network”
19. PERETTI Luca, *IRCCS Fondazione Stella Maris, Pisa*  
A security XNAT-Based Platform for Multicenter Sharing and Analysis of Pediatric MRI
20. PICCOLO Alessandra, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“PRIVACY BY DESIGN AND EFFECTIVE GOVERNANCE OF HEALTH DATA: THE DATA PROTECTION OFFICER (DPO) AS A KEY ACTOR IN NETWORK INFRASTRUCTURES”



21. SCARFÌ Chiara, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
Beauty in the brain: A Systematic Review of EEG and fMRI studies in Neuroaesthetics
22. SPINONI Marta, *IRCCS Istituto Centro San Giovanni di Dio Fatebenefratelli, Brescia*  
“Study protocol for a multicentre randomized controlled trial on the efficacy of a structured program of physical activity in patients with depression”
23. SUCCI Angelica, *IRCCS Istituto delle Scienze Neurologiche, Bologna*  
Impact of a Preparation Program for Pediatric MRI: The RisoAmica Project
24. VITIELLO Fabiana Pia, *IRCCS Centro Neurolesi Bonino-Pulejo, Messina*  
“Machine Learning and Deep Learning in fNIRS Research: Current Trends and Diagnostic Applications”
25. ZAMPATTI Stefania, *IRCCS Santa Lucia Foundation, Roma*  
“APOE Genotyping at the Crossroad of Pharmacogenetics and Predictive Testing: Implications for Alzheimer’s Therapy and Genetic Counseling”
26. GASPARO Irene, *Università di Messina*  
“Whole exome sequencing and plasma neurofilament analysis reveal molecular signatures associated with clinical severity in Autism Spectrum Disorder”
27. GAOUZ Zainab, *Università di Messina*  
“DNA Methylation Profile as a Potential Biomarker in Autism Spectrum Disorder”

- Federica AGOSTA, *Università Vita Salute San Raffaele, Milano*
- Carmelo ANFUSO, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Maria Teresa BASSI, *IRCCS Eugenio Medea Bosisio Parini, Lecco*
- Fabio BLANDINI, *IRCCS Cà Granda Ospedale Maggiore Policlinico, Milano*
- Paolo CALABRESI, *IRCCS Fondazione Policlinico Universitario Agostino Gemelli, Roma*
- Rocco Salvatore CALABRÒ, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Giovanna CALANDRA, *IRCCS Istituto Scienze Neurologiche, Bologna*
- Anna CAVALLINI, *IRCCS Fondazione Mondino, Pavia*
- Pierfranco CONTE, *San Camillo Hospital, Venezia*
- Maurizio ELIA, *IRCCS Oasi Maria SS., Troina*
- Anna ESTRANEO, *IRCCS S. Maria Nascente Fondazione Don Carlo Gnocchi ONLUS, Milano*
- Massimo FINI, *IRCCS San Raffaele, Roma*
- Milena FINI, *IRCCS Istituto Ortopedico Rizzoli, Bologna*
- Gianluigi FORLONI, *Istituto di ricerche farmacologiche "Mario Negri", Milano*
- Roberta GHIDONI, *IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia*
- Veronica GHIGLIERI, *Università San Raffaele, Roma*
- Emiliano GIARDINA, *Fondazione Santa Lucia IRCCS, Roma*
- Rosario GRUGNO, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Matilde INGLESE, *Università di Genova*
- Giacomo KOCH, *IRCCS Fondazione Santa Lucia, Roma*
- Giuseppe LANZA, *IRCCS Oasi Maria SS., Troina*
- Fabrizia LATTANZIO, *INRCA - IRCCS, Ancona*
- Rocco LIGUORI, *IRCCS Istituto Scienze Neurologiche, Bologna*
- Raffaele LODI, *IRCCS Istituto Scienze Neurologiche, Bologna*
- Maria Luisa MALOSIO, *IRCCS Humanitas CNR, Milano*
- Silvia MARINO, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Francesco NICITA, *IRCCS Ospedale Pediatrico Bambino Gesù, Roma*
- Pierluigi NICOTERA, *IRCCS Fondazione Mondino, Pavia*
- Anna NIGRI, *Fondazione IRCCS Istituto Neurologico Carlo Besta, Milano*
- Piergiuseppe PELICCI, *IEO, Milano*
- Michele PIANA, *Università di Genova*
- Angelo QUARTARONE, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Angelo RAVELLI, *IRCCS Istituto Giannina Gaslini, Genova*
- Carmela RIFICI, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Francesco RIGANELLO, *IRCCS Istituto S. Anna, Crotone*
- Maria Assunta ROCCA, *IRCCS Ospedale San Raffaele, Milano*
- Paolo Maria ROSSINI, *IRCCS San Raffaele, Roma*
- Filippo Maria SANTORELLI, *IRCCS Fondazione Stella Maris, Pisa*
- Edoardo SESSA, *IRCCS Centro Neurolesi Bonino Pulejo, Messina*
- Vincenzo SILANI, *IRCCS Istituto Auxologico, Milano*
- Antonio SILVANI, *IRCCS Fondazione Istituto Neurologico Carlo Besta, Milano*
- Fabrizio TAGLIAVINI, *IRCCS Istituto Neurologico Carlo Besta, Milano*
- Cristina TASSORELLI, *IRCCS Fondazione Mondino, Pavia*
- Antonio UCCELLI, *IRCCS Ospedale Policlinico San Martino, Genova*
- Enza Maria VALENTE, *IRCCS Fondazione Mondino, Pavia*
- Federico VIGEVANO, *IRCCS San Raffaele, Roma*
- Flavio VILLANI, *IRCCS Ospedale Policlinico San Martino, Genova*



**SEDE DEL CONVEGNO**  
**TAORMINA - PALACONGRESSI**  
Piazza Vittorio Emanuele II, 7

**CENTRO SLIDE**

I relatori sono invitati a caricare la propria presentazione con congruo anticipo prima dell'inizio della sessione. Le presentazioni devono essere consegnate su chiavette USB. Non è consentito l'uso di PC personali.

**AFFISSIONE POSTER**

Verificare la propria sessione di presentazione ed attenersi ai seguenti orari:

**13 novembre**

- Sessione I: dalle ore 08.30
- Sessione II: dalle ore 12.00
- Sessione III: dalle ore 15.30

**14 novembre**

- Sessione IV: dalle ore 08.30
- Sessione V: dalle ore 13.00

I poster dovranno essere affissi nel pannello assegnato (consultare il programma per il numero del proprio poster).

Ciascun autore dovrà rimuovere il poster alla fine della propria sessione, quelli non ritirati saranno smaltiti. Il materiale per l'affissione sarà fornito dall'organizzazione.

**ATTESTATO DI PARTECIPAZIONE**

L'attestato sarà disponibile su APP/account a partire dal primo giorno lavorativo successivo al termine del Congresso.

Per il rilascio dell'attestato è obbligatoria la rilevazione della presenza presso la segreteria.

**SEGRETERIA ORGANIZZATIVA**



di Lisciotto Turismo srl  
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