

**60° Congresso Associazione Italiana Neuropatologia e Neurobiologia Clinica
(AINPeNC)**

**50° Congresso Associazione Italiana Ricerca Invecchiamento Cerebrale
(AIRIC)**

Milano 15-17 Maggio 2025

May 15th, 2025

8:30 Welcome and Reception

Training course: Biobanks as essential tools for scientific research

Chairperson: Giovanna Cenacchi/Gianluigi Forloni

9:00 **History and law** Vittorio Bolcato – Milano

9:30 **Organization and functioning** Mattia Barbareschi - Trento (*live streaming*)

10:30 **Preclinical tissue biobank** Stefano Fumagalli - Milano

11:00 Coffe Break

11:30 **Neuromuscular tissues** Chiara Fiorillo – Genova

12:00 **Neuro-oncology** Federico Roncaroli - Manchester

12:30 **Neurodegeneration** Tino Emanuele Poloni - Abbiategrasso

13:00 Lunch and poster session

Symposium: Neuropathology and peripheral biomarkers

Chairpersons: Roberta Ghidoni/Francesca Fusco

14:00 **Neuropathological biomarkers in neurodegenerative disorders** Giorgio Giaccone - Milano

14:25 **Fluid biomarkers in Alzheimer** Lucilla Parnetti, Lorenzo Gaetani - Perugia

14:50 **Fluid biomarkers in Lewy Bodies disease** Piero Parchi - Bologna

15.15 **Fluid biomarkers in Amyotrophic Lateral Sclerosis** Valentina Bonetto - Milano

Oral Communications

Chairpersons: Vladimiro Artuso/Claudia Balducci

15:40 **The role of microRNA extracted from brain extracellular vesicles in the pathogenesis of alzheimer's disease** Claudia Battipaglia, I. Vannetiello, E. Salvi, M.C. Barbagallo, A. Longobardi, S.

Bellini, C.M.G. De Luca, F. Moda, M. Andelic, S. Marcuzzo, R. Ghidoni, G. Giaccone, G. Di Fede, M. Catania - Milano, Brescia

15:50 Inflammatory molecules profile in microglia enriched extracellular vesicles from patients with Alzheimer's disease Chiara Fenoglio, C. Bianchessi, E. Ferri, M. Serpente, C. Visconte, M. Arcaro, G. Giudici, L. Ghezzi, M. Pintus, L. Sacchi, T. Carandini, M. Pintus, A.M. Pietroboni, B. Arosio, D. Galimberti, A. Arighi - Milano

16:00 Characterizing phenotypic variability in two ALS mouse models through automated activity monitoring and plasma light neurofilaments biomarker Laura Camporeale, M. Tortarolo, M. Rigamonti, G. Rosati, S. Gaburro, L. Pasetto, V. Bonetto, C. Bendotti - Milano, Buguggiate (VA)

16:10 Plenary Lecture presented by Gianluigi Forloni
Psychology and Neuroscience at the metaverse time Salvatore Aglioti - Roma

16:45 Congress Opening– Welcome from AINPeNC and AIRIC presidents/AIRIC history Sergio Algeri - Milano

17:15 Updates from EURO-CNS Luigi Poliani - Brescia

Symposium: Risk factors and prevention
Chairpersons: Giuseppe Di Fede/Marina Melone

17:30 Epidemiology Giancarlo Logroscino - Tricase (Ba)

17:55 The Italian scenario Nicola Vanacore - Roma

18:20 Epigenetics Cristina Cereda - Milano

18:45 Plenary Lecture presented by Antonio Guaita
Camillo Golgi: Paolo Mazzarello – Pavia

19:30 Welcome Cocktail

May 16th, 2025

Symposium on Neuro-oncology; Classification of gliomas: issues and advancement
Chairpersons: Sofia Asioli/Valeria Barresi

8:30 Criteria for defining a new tumor entity Caterina Giannini - USA

9:00 CNS tumors with gene fusions Sabrina Rossi - Roma

9:30 Diffuse high-grade gliomas H3 and IDH-wildtype in children and adults David Capper –Berlino (live streaming)

10:00 **Molecular heterogeneity in glioblastoma IDH-wildtype** Luca Bertero - Torino

10.30 **Discussion**

11.00 **Coffee break**

Oral communications

Chairperson: Gianluca Marucci

11:30 **Mtap and p16 as immunohistochemical surrogates of cdkn2a/b homozygous deletion in central nervous system tumors: a multicentre italian experience** Giuseppe Broggi, M. Mazzucchelli, R. Caltabiano, G. Magro, A. D'Amati, C. Pizzimenti, F. Fiorentino, V. Barresi, S. Salzano – Catania

11:40 **Clinico-pathological study of a monoinstitutional series of lower grade gliomas: impact of molecular markers based on the new who cns5 classification** Lucrezia Ghione, M. Patanè, R. Paterra, E. Anghileri, F. Agistri, A. Stroppa, A. Bottoni, C. Calatozzolo, M. Farinotti, A. Perin, B. Pollo - Milano

11:50 **Exploring androgen receptor (ar) expression, ar and x chromosome-related genes methylation pattern in adult-type diffuse gliomas: a retrospective study** Lidia Gatto, S. Asioli, L. Morandi, E. Di Oto, V. Di Nunno, A. Tosoni, M. Aprile, S. Bartolini, L. Griva, S. Melotti, M. P. Foschini, C. Tonon, R. Lodi, E. Franceschi - Bologna

12:00 **Pediatric-type diffuse high-grade gliomas, h3-wildtype and idh-wildtype: an italian multicenter study for histopathological and molecular characterization of a new entity** Antonio D'Amati, F. Gianni, S. Rossi, S. Barresi, S. Minasi, F.R. Buttarelli, M.E. Errico, V. Donofrio, G. Gaggero, G. Chiarello, C. Milanaccio, V. Biassoni, E. Schiavello, M. Massimino, L. Bertero, S.G. Vallero, V. Di Martino, M. Gessi, A.M. Buccoliero, G. Ingravallo, T. Perillo, A. Cacchione, G. Del Baldo, A. Mastronuzzi, E. Miele, M. Antonelli – Roma, Bari, Napoli, Genova, Monza, Milano, Torino, Firenze

12:10 **Prognostic value of chromosome 1p deletion in atypical meningiomas** Gonzalo Hernández Gamero, G. Zanconato, A. Mafficini, S. Pedron, D. Mulone, S. Alberti, M. Caffo, V. Barresi - Verona, Messina, Milano

12:20 **Characterization of the immune profile in a cohort of brain metastases** Anna Stroppa, G. Marucci, M. Patanè, L. Ghione, F. Agistri, R. Paterra, E. Anghileri, M. Farinotti, S. Pellegatta, C. Casali, F. Di Meo, B. Pollo - Milano

12:30 Lunch and Poster session

13:30 **AINPeNC members' meeting**

Symposium: Alzheimer's disease: Disease Modifying drugs

Chairpersons: Fabrizio Tagliavini/Andrea Arighi

14:30 **Clinical evidence from trials** Giuseppe Di Fede - Milano

14:55 **Patient selection and impact on National Health System** Alessandro Padovani - Brescia

15:20 **Future perspectives** Gianluigi Forloni - Milano

Oral communications

Chairperson: Fabio Moda

15:45 **Acetylation of cyclophilin a reverses tdp-43 mislocalization in pbmcs of als patients: potential biomarker and therapeutic target** Monica Favagrossa, L. Pasetto, S. F. Columbro, S. Scozzari, G. De Marco, A. Calvo, V. Bonetto - Milano, Torino

15:55 **Investigating astrocytes in alzheimer's disease: targeting calcineurin with fk506** Elisa Murari, D. Comolli, S. Scotti, M. De Paola, G. Forloni, C. Balducci - Milano

16:05 **Comparison between the efficacy of mesenchymal stem cells secretome and exosomes in the treatment of alzheimer's disease** Claudia Barattini, D. Galante, S. Polo, L. Dacomo, S. Labbate, C. D'Arrigo, G. Sacchetti, A. Ieraci, M. De Paola, G. Forloni, C. Balducci - Milano, Genova, Novedrate (CO)

Symposium: Aging and Longevity

Chairpersons: Gabriella Marcon/Gianluigi Zanusso

16.15 **Aging and genetics** Giuseppe Passarino – Rende (Cs)

16:40 **Gender differences** Barbara Garavaglia - Milano

17:05 **The Treviso Longeva (TRELONG) Study** Maurizio Gallucci - Treviso

17:45 **Plenary Lecture presented by Gabriella Marcon**
LATE life brain pathologies Peter Nelson (*pre-registration*)

18:30 **Transfer to Abbiategrasso**

19:15 **Visita al Museo Golgi**

21:00 **Social dinner**

May 17th, 2025

Symposium: Exploring alternative matrices to identify novel neuropathological and biological markers for the diagnosis of neurodegenerative diseases

Chairpersons: Diego Albani/Giuseppe Di Fede

8:30 **Olfactory Mucosa** Gianluigi Zanusso - Verona

8:55 **Tears** Fabio Moda -Milano

9:20 **Skin** Vincenzo Donadio - Bologna

Oral communications

Chairperson: Caterina Bendotti

9:45 Eeg power spectral density and clinical neuropathology: new approach to studying cognitive functions in centenarians Gabriella Marcon, A. Cacciotti, F. Frasca, C. Pappalettera, F. Mosetti, M. Tettamanti, A. Tsompanakis, F. Vecchio - Trieste, Udine, Novedrate (CO), Roma, Milano

9:55 Modulation of the inflammasome by MCC950 in the R6/2 mouse model of Huntington's disease Emanuela Paldino, F. Dioguardi, F.R. Fusco - Roma

10:05 Cellular prion protein expression in olfactory neuroepithelium of normal individuals and in human prion diseases Elena Fontana, M. Bongiani, V. Arietti, E. Bronzato, F. Silvestri, L. Sacchetto, G. Zanusso - Verona

10:15 Detection of α -synuclein and tdp-43 in the skin and olfactory mucosa of a patient with idiopathic parkinson's disease carrying the thr272fs grn mutation Paola Caroppo, C. Villa, I.L. Dellarole, A. Romeo, V. Aprea, G. Rossi, A. Astengo, S. Prioni, G. Legname, S. Mazzetti, F. Moda, G. Devigili - Milano, Trieste

10:25 DNA aptamer-based approach restores mitochondrial dynamics in a cellular model of huntington's disease Marina Melone, D. Fasano, A. Ruocco, A. Conte, N. De Cicco, F.A. Digilio, C. Riccardi, F. D'Aria, D. Montesarchio, C. Giancola, G.M. Pierantoni, G. Puoti, S. Paladino – Napoli, Philadelphia (USA)

10:35 Plenary lecture presented by Gianluigi Forloni
Climate Change and Neurological Disorders Paola Michelozzi - Roma

11:15 Coffee Break

Symposium: Neuroinflammation and neurodegeneration

Chairpersons: Tino Emanuele Poloni/Marina Melone

11:30 Microglia, inflammatory cytokines and mitochondrial damage in aging and dementia
Chiara Calatuzzolo – Abbiategrasso

11:55 Role of lysosomes-mitochondria cross-talk in neurodegenerative diseases Cecilia Bucci - Lecce

12:20 Inflammatory amyloid angiopathy Anna Bersano - Milano

12:45 Concluding Remarks

13:00 Final ECM test