NEAPOLITAN
BRAIN GROUP

20 Novembre 2026

BIOMARKERS IN NEUROSCIENCE:

PROGRESS, CHALLENGES, AND PERSPECTIVES

XIV NEAPOLITAN BRAIN GROUP MEETING 2026

Università degli Studi di Napoli Federico II

Aula Magna (CESTEV)
via Tommaso De Amicis 95, Napoli



08:45 – 09:30	**Welcome Addresses** Rettore UNINA Presidente NBG Direttore CESTEV Direttore DMMBM
09:30 – 10:15	**Opening Lecture** Chair: Rosa Iodice, Irene Cantone **Keynote Speaker: Prof. Diego Centonze, Department of Systems Medicine, University of Rome "Tor Vergata"** *The future of multimodal biomarkers in neurological diseases*
10:15 – 10:45	**Coffee Break**
SESSION 1 **10:45 – 11:15**	**Omics e fluid biomarkers** Chair: Maria Pia Miano, Maurizio Taglialatela **Lecture** Dr. Ioannis Sotiropoulos, Institute of Biosciences and Applications, Athens *Exosomes as a novel diagnostic platform in the new era of Precision Medicine. Implications in Stress and Alzheimer's disease brain pathology*
11:15 – 12:00	**Short Talks** • Short talk 1 • Short talk 2 • Short talk 3
SESSION 2 **12:00 – 12:30**	**Protein Aggregation and Structural Biomarkers in Neurodegenerative Diseases** Chair: Stefano Cinti, Giuseppina Mattace Raso **Lecture** Prof. Alfonso De Simone, Department of Pharmacy, University of Naples Federico II *Addressing the pathological aggregation of alpha synuclein in synucleinopathies*
12:30 – 13:15	**Short Talks** • Short talk 1 • Short talk 2 • Short talk 3
13:15 – 15:00	**Light Lunch and Poster Session**
SESSION 3 **15:00 – 15:30**	**Neurophysiology as a Tool for Biomarker Discovery** Chair: Fiore Manganelli, Vincenzo Barrese **Lecture** Prof. Vincenzo Di Lazzaro, Department of Medicine, University Campus Biomedico Roma *Modulating cortical excitability in Amyotrophic Lateral Sclerosis. Biomarkers and therapeutic implications*
15:30 – 16:15	**Short Talks** • Short talk 1 • Short talk 2 • Short talk 3
SESSION 4 **16:15 – 16:45**	**Digital Biomarkers, Robotics and AI** Chair: Aniello Murano, Giovanna Sannino **Lecture** Prof. Fanny Ficuciello, Department of Electrical Engineering and Information Technology, University of Naples Federico II *Human centered robotics and AI for neuro digital biomarkers*
16:45 – 17:30	**Short Talks** • Short talk 1 • Short talk 2 • Short talk 3
17:30 – 18:00	**Best Presentation Award Ceremony and Closing Remarks** Chair: Ennio Del Giudice, Raffaele Dubbioso, Fabio A. Iannotti
18:00 – 18:30	**NBG Shareholders' Meeting**

Comitato scientifico: Raffaele Dubbioso, Fabio Arturo Iannotti, Rosa Iodice, Valentina Virginia Iuzzolino, Sirio Cocozza.

