



PROGRAMMA DELL'XI MEETING NBG

30 NOVEMBRE 2023

AULA MAGNA, CESTEV, VIA TOMMASO DE AMICIS 95
UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

09:00-09:30 - *Saluti e benvenuto*

- **Prof. E. Del Giudice**, Presidente del Neapolitan Brain Group
- **Prof. G. Piccialli**, Direttore del CESTEV
- **Prof.ssa M. Triassi**, Presidente della Scuola di Medicina e Chirurgia UNINA
- **Prof. L. Califano**, Direttore del DNSRO UNINA
- **Dott. P. Lippiello**, BraYn

09:30-10:25 - *Sessione "Basic Research I"*

Chairs: **C. Lucini** (UNINA) e **R. Di Giaimo** (UNINA)

- **B. Marfella** (ICB, UNINA): "*Olive oil-derived endocannabinoid-like mediators inhibit palatable food-induced reward and obesity*"
- **A. Pizzella** (UNINA): "*Stimulation of serotonin receptor 7 rescues altered neuronal morphology and synaptic protein synthesis in a mouse model of Angelman disease*"
- **R. Della Monica** (CEINGE): "*The combination of an epigenetic drug and a checkpoint inhibitor as potential therapeutic strategy in glioblastoma*"
- **M. De Risi** (TIGEM): "*Dopaminergic alteration triggers autistic-behaviours in lysosomal storage disorders*"

10:25-11:10 - *Coffee break e Poster Session I*

11:10-12:05 - *Sessione "Clinical Research I"*

Chairs: **F. Iasevoli** (UNINA) e **S. Pisano** (UNINA)

- **S. Fecarotta** (UNINA): "*Efficacy of low doses of aripiprazole for treatment of behavioral disorder with associated autistic phenotype in patients with Mucopolysaccharidosis Type III*"
- **I. Scala** (UNINA): "*Fluoxetine therapy improves cognition in children with Down Syndrome: results from a Phase I open label single arm pilot study*"
- **C. Cuccurullo** (UNINA): "*Clinical features and genotype-phenotype correlations in epilepsy patients with de novo DYNC1H1 variants*"
- **C. Sarli** (UNINA): "*Episignature and phenotype overlap between Blepharophimosis with Intellectual Disability (BIS) and Helsmoortel-Van Der Aa Syndrome (HVDAS)*"

12:05-12:50 - *Lecture*

Prof. B. De Martino (UCL, Londra): "*Value and abstraction in decision making*"

Chairs: **C. Perrone Capano** (UNINA) e **E. Di Schiavi** (IBBR)

12:50-13:50 - *Lunch break*

13:50-14:35 - *Lecture*

Sen.ce a vita, Prof.ssa E. Cattaneo (UNIMI, Milano): "*Unveiling molecular insights into Huntington's Disease using single-cell genomics*"

Chairs: **R. Defez** (IBBR) e **M.G. Miano** (IGB)



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14:35-15:30 - Sessione "Clinical Research II"

Chairs: **A. Coppola** (UNINA) e **F. Manganelli** (UNINA)

- **R. Maritato** (UNINA): "Changing CIS regulatory sequence for retinal gene therapy"
- **A. Scaravilli** (UNINA): "Longitudinal modification of structural disconnection and morphometric similarity networks in Multiple Sclerosis"
- **G. Carignani** (UNINA): "In vivo detection of globotriaosylceramide accumulation in brain of Fabry Disease patients using MR relaxometry"
- **G. Mirone** (AORN Santobono): "Indications for MRI-Guided Interstitial Laser Thermoablation (MRgLITT): preliminary experience in pediatric neurosurgery"

15:30-16:15 - Coffee break e Poster Session II

16:15-17:10 - Sessione "Basic Research II"

Chairs: **M. Crispino** (UNINA) e **E. de Leonibus** (TIGEM)

- **N. Abate** (UNINA): "EPM1 human cerebral organoids display alteration in synaptic plasticity and neuronal morphology"
- **G. Onorato** (IBBR): "SPACE: assessing relative biological effectiveness of simulated deep space radiation in altering neural function in *C. elegans*"
- **D. Drongitis** (IGB): "Evolutionary conserved functions of ARX/ALR-1 in mammals and *C. elegans* in the control of molecular pathways impaired in neurodevelopmental disorders"
- **N. Mollo** (UNINA): "Neural precursor cells derived from trisomic iPSC show mitochondrial dysfunction and impaired mitochondrial quality control mechanisms"

17:10-17:20 - Saluti finali

17:20-17:50 - Assemblea dei Soci NBG

Comitato organizzatore

S. Coccozza (UNINA), E. Di Schiavi (IBBR), M.G. Miano (IGB), M.P. Riccio (UNINA)

Comitato selezionatore abstract

G. De Vita (UNINA), S. Lodato (Humanitas), G. Olivo (Karolinska Institutet), P. Striano (UNIGE)



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