

SIXTH PALERMO-GALVESTON MEETING



"PROGRESS IN NEUROSCIENCE"

Palermo, March 12th, 2018
Aula "Enzo Nesci", Sezione di Anatomia Umana
Dpt. BIONEC, via del Vespro 129, Palermo

Program

8.45 – Welcome address

Fabrizio Micari, Rector.

Francesco Lo Piccolo, Deputy of the Rector for the PhD Courses.

Giuseppe Amodei, Commissioner of the Regional Entity for Study/Students Rights.

Giuseppe Ferraro, Director of the Department of Experimental Biomedicine and Clinical Neuroscience.



FIRST SESSION

Chairpersons: **Natale Belluardo**, University of Palermo; **Alberto JL Macario**, University of Maryland, Baltimore, MD, USA.

9.10 – Special Lecture

Active and Healthy Ageing: an Horizon 2020 project – **Alessandro Vercelli**, University of Turin, Italy.

9.30 – Guest Lectures

Neural stem cell-derived exosomes protect synapses from the disruptive impact of Alzheimer's disease toxic tau and amyloid oligomers – **Giulio Tagliatela**, University of Texas Medical Branch, Galveston, TX, USA.

Interactions of pathological proteins in neurodegenerative diseases – **Rakez Kaye**, University of Texas Medical Branch, Galveston, TX, USA.

10.30 – Insights from the University of Palermo: basic and translational research (brief communications)

Hippocampus and stress proteins in temporal lobe epilepsy – **Antonella Marino Gammazza**, Anatomy.

Neuromodulation of hippocampal excitability by plant-derived molecules – **Fabio Carletti**, Physiology.

Role of CSF NF-H and NF-L proteins as biomarkers for amyotrophic lateral sclerosis – **Tiziana Colletti**, Neurology.

11.15 Coffee Break

11.30 – PhD theses defense presentation

Epigenetic regulation of neurogenesis in non-demented humans with Alzheimer's disease neuropathology – **David Briley**.

Small molecules targeting and modulating toxic tau oligomeric strains – **Filippa Lo Cascio**.

Characterization of the synaptic proteome in non-demented subjects with Alzheimer's neuropathology – **Olga Zolockevska**.

13.30 Lunch Break

SECOND SESSION

Chairpersons: **Marianna Lauricella**, University of Palermo; **Giuseppe Crescimanno**, University of Palermo.

14.30 – Guest Lectures

Development, morphology and connectivity of pyramidal neurons – **Alessandro Vercelli**, University of Turin, Italy.

Shining the light on traumatic brain injury – **Maria Adelaide Micci**, University of Texas Medical Branch, Galveston, TX, USA.

15.30 – Insights from the University of Palermo: clinical research (brief communications)

Stimulating the brain: new options for diagnosis and treatment of dementia – **Filippo Brighina**, Neurology.

Extracellular vesicles in cerebrospinal fluid: a new tool to study the immunopathology of multiple sclerosis – **Giuseppe Salemi**, Neurology.

Preliminary experience with a transcranial magnetic resonance-guided focused ultrasound surgery system integrated with a 1.5-T MRI unit in a series of patients with essential tremor and Parkinson's disease – **Domenico Gerardo Iacopino**, Neurosurgery.

16.30 Coffee Break

16.30 – PhD theses defense presentation:

Modulation of hippocampal neurogenesis by nano-pulsed laser therapy – Emanuele Mocciaro.

Adipose tissue-targeted stem cell transplantation for insulin resistance-related central nervous system deficits – Salvatore Saieva.

18.00 – CEREMONY FOR AWARDING THE PRIZES AS “BEST MENTOR” TO RAKEZ KAYED, MARIA ADELAIDE MICCI AND GIULIO TAGLIALATELA

Official: **Giuseppe Ferraro**, Director of the Department of Experimental Biomedicine and Clinical Neuroscience.

18:15 – PROCLAMATION CEREMONY OF THE NEW “PHD IN BIOMEDICINE AND NEUROSCIENCE”

Official: **Fabio Bucchieri**, Vice-Director of the PhD School in Biomedicine and Neuroscience.

18.30 CONCLUSIONS

Anatomic Amphitheatre “Enzo Nesci”

Sponsorships

