7° MEETING OF THE
NEAPOLITAN BRAIN GROUP
31 May 2018

CESTEV – Centro di Servizio di Ateneo per le Scienze e Tecnologie per la Vita
Ex Facoltà di Biotecnologie, Aula AT8 - Via T. De Amicis, 95

DISORDERS OF THE NERVOUS SYSTEM:
pathogenic bases and novel therapeutic approaches

09:00 – 09:05 Introduction
NBG E. Del Giudice, CESTEV C. Formisano

FIRST SESSION: RETINAL AND EYE DISORDERS
Chairmen: E. Di Schiavi, R. Di Giaimo

09:05 – 09:30 The Italian Research in the field of Rare Diseases of CNS
G. Andria

09:30 – 09:55 The molecular bases of inherited retinal degenerations.
S. Banfi

09:55 – 10:20 Gene therapy of inherited retinal degenerations.
A. Auricchio

C. Pignata

10:45 – 11:15 COFFEE-BREAK

SECOND SESSION: EPILEPSY AND EPILEPTIC DISORDERS
Chairmen: L. Bilo, G. Coppola

11:15 – 11:40 Neuroinflammation and epilepsy: a basis for new therapeutic options
A. Vezzani

11:40 – 12:05 Developmental encephalopathies and potassium channel mutations: from
molecular mechanisms to personalized treatments
M. Taglialatela

12:05 – 12:30 ARX-related disorders of the CNS
M.G. Miano

12:30 – 12:55 Neuronal networks: an invisible manifestation of disease
G. Tedeschi

12:55 – 13:55 LUNCH
THIRD SESSION: NOVEL GENES AND CNS DISORDERS

Chairmen: B. Franco, M. Cataldi

13:55 – 14:20  CNS involvement in the ciliopathies
              E.M. Valente

14:20 – 14:45  Whole Exome Sequencing in undiagnosed disease patient
              N. Brunetti-Pierri

14:45 – 15:10  Inherited ataxias: insights into their genetic bases
              A. Filla

15:10 – 15:35  Molecular bases of inherited peripheral neuropathies.
              L. Santoro

15:35 – 16:00  Huntington’s Disease: Treatments Targeting DNA and RNA
              G. De Michele

16:00 – 16:30  COFFEE BREAK

FOURTH SESSION: PSYCHIATRIC DISORDERS

Chairmen: C. Lucini, P. Sordino

16:30 – 16:55  Immediate-Early Genes Modulation by Antipsychotics: Translational
              Implications for a Putative Gateway to Drug-Induced Long-Term Brain
              Changes.
              A. De Bartolomeis

              C. Bravaccio, M.P. Riccio

17:20 – 17:55  MicroRNAs to Monitor Pain-migraine and Drug Treatment
              M. Carotenuto

17:55 – 18:00  CONCLUDING REMARKS
              E. Del Giudice

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