MOTOR NEURON DISEASES: UNDERSTANDING THE PATHOGENETIC MECHANISMS TO DEVELOP THERAPIES

Organizers: M. Boido & S. Stanga

SCIENTIFIC PROGRAM

DAY 1 (6th November 2020)

9.00-9.15: Welcome by the Organizers


9.45-10.45: Session I - “ALS disease mechanisms”

  9.45-10.00: V. Crippa, Univ. Milan - Proteostasis in ALS
  10.00-10.15: G. Nardo, Mario Negri Institute Milan - Immune response in the peripheral nervous system and skeletal muscles is pivotal to counteract ALS
  10.15-10.30: M. Milanese, Univ. Genoa - Modulating the reactive phenotype of astrocytes as a therapeutic approach in amyotrophic lateral sclerosis
  10.30-10.45: C. Rouaux, Inserm, Strasbourg - Evaluation of the corticofugal hypothesis of ALS

10.45-11.15: Q&A Session I - Meet the speakers

11.15-11.30: Break

11.30-11.45: Zeiss talk

11.45-12.15: Session II - “ALS therapeutic approaches”
11.45-12.00: D. Ferrari, Univ. Milan Bicocca - Human neural stem cells for experimental cell therapies approaches in ALS: a synopsis of the experience from preclinical and Phase I clinical trials
12.00-12.15: A. Calvo, Univ. Turin - New therapeutic strategies for ALS

12.15-12.35: Q&A Session II - Meet the speakers

[12.35-13.30 Attendees One Slide Presentation (to be evaluated by the scientific committee) or Attendees Poster Presentations]

DAY 2 (7th November 2020)

9.00-9.45: Session III - “SMA disease mechanisms”

9.00-9.15: G. Viero, CNR Trento - Translational defects by positional sequencing: the case of Spinal Muscular Atrophy
9.15-9.30: R. Soler, Univ. Lleida - Using motor neurons and iPSCs cultures to understand intracellular mechanisms leading to motoneuron degeneration in Spinal Muscular Atrophy
9.30-9.45: E. Di Schiavi, CNR Naples - Use of C. elegans as experimental model to study SMA disease mechanisms

9.45-10.15: Session IV – “SMA therapeutic approaches”

9.45-10.00: T. Mongini, Univ. Turin - TBD
10.00-10.15: P. Konieczny, Univ. Valencia - From flies to mice: evaluation of combinatorial therapy for SMA

10.15-10.45: Q&A Sessions III-IV - Meet the speakers

10.45-11.00: Break

11.00-12.30: Attendees Poster Presentations (to be evaluated by the scientific committee)

12.30-12.45 Media Lab System talk

12.45-13.00: Awards ceremony (Best One Slide/Poster Presentation)

13.00: Closing remarks & Goodbye to the next edition 2021!

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