ASSOCIAZIONE ITALIANA MIOLOGIA
ITALIAN ASSOCIATION OF MYOLOGY

PROGRAM

Transformative Advances in Neuromuscular Treatment:

Next Generation Therapies

Outline Workshop AIM 2024

NOVEMBER 29, Hotel nhow
Milan, Via Tortona 35

9:20 - 9:30 Introduction

Giacomo Pietro Comi (Milano) | AIM President

9:30 - 11:00 Basic tools

Chair: Stefania Corti (Milano), Michelagelo Mancuso (Pisa)

Andrea Bandini
The BioRobotics Institute and Department of Excellence in Robotics and AI, Scuola Superiore Sant'Anna, Pisa, Italy
Telemonitoring and digital technology to study neuromuscular disorders

Arianna Tucci
Medical Research Council, Queen Mary University of London, UK
Whole genomic sequencing in large populations and rare disorders: the UK 100 K genome project

Irene Faravelli
Department of Stem Cell & Regenerative Biology, Harvard University and Stanley Center for Psychiatric Research, Broad Institute of MIT and Harvard, Cambridge, MA, USA
Modelling individual variation to disease susceptibility using human brain Chimeroid

11:30 - 12.30 Therapeutics I

Chair: Adele D'Amico (Roma), Vincenzo Nigro (Napoli)

Scott Harper
Center for Gene Therapy Abigail Wexner Research Institute, Columbus, OH, USA
AAV-gene therapy in neuromuscular disorders

Zoya Ignatova
Biochemistry and Molecular Biology, University of Hamburg, Hamburg, Germany
tRNA therapeutics for genetic diseases

14:00 - 15:30 Therapeutics II

Chair: Federica Ricci (Torino), Luca Bello (Padova)

Eugenio Maria Mercuri
Pediatric Neurology, Department of Woman and Child Health and Public Health, Child Health Area, Universita Cattolica del Sacro Cuore, and Centro Clinico Nemo Fondazione Policlinico Gemelli IRCCS, Rome, Italy
What next in DMD?

Valeria Sansone
The NEMO (NEuroMuscular Omniservice) Clinical Center, and University of Milan, Italy.
The new therapeutic wave in DM1: adaptive platform trial will do?

Lorenzo Maggi
Neuroimmunology and Neuromuscular Diseases Unit, Fondazione IRCCS Istituto Neurologico "Carlo Besta", Milan, Italy
Engaging new targets in myasthenia gravis

15:30 - 15:40 Concluding remarks

15:40 - 16:30 AIM General Assembly