



VENUE: *Palace of the Anatomical Institutes, C.so Massimo D'Azeglio 52, 10124, Torino, Italy*

## SCIENTIFIC PROGRAM

### DAY 1 (Friday 08<sup>th</sup> November, 2024)

**12.30-13.30: Registration**

**13.30-13.45: Opening ceremony**

Welcome by the Organizers (M. Boido and S. Stanga) & Greetings by the authorities

**13.45-14.00: Brief introduction by the organizers**

**14.00-15.15 Session I – SMA disease mechanisms and therapeutic approaches**

14.00-14.20: Melissa Bowerman, UK “**Considering the importance of peripheral metabolic defects in the progression of neurodegenerative diseases: a focus on SMA**”

14.20-14.40: George Mentis, USA “**Sensory dysfunction as a major pathogenic event in mouse models and patients with spinal muscular atrophy**”

14.40-15.00: Piera Smeriglio, France “**Epigenetic alterations in SMA**”

**15.00-15.15: Q&A Session I**

**15.15-16.05 Session II – SMA: a look at the clinical research**

15.15-15.35: Federica Ricci, Italy “**The backward reasoning: inputs from SMA clinical practice**”

15.35-15.55: Marika Pane, Italy “**The backward reasoning: inputs from SMA clinical evidence**”

**15.55-16.05: Q&A Session II**

**16.05-16.45: Coffee break**

**16.45-17.45: Selected talks**

**17.45-19.15: Poster session I**

**20.00: Social dinner with the speakers**

### DAY 2 (Saturday 09<sup>th</sup> November, 2024)

**9.00-9.50: Session III - ALS pathogenetic mechanisms**

9.00-9.20: Eran Perlson, Israel “**Unlocking ALS: Muscle Exosome Control TDP-43 Local Synthesis at the NMJ**”

9.20-9.40: Alain Prochiantz, France “**From Parkinson Disease to Amyotrophic Lateral Sclerosis following the ENGRAILED-1 thread**”

9.40-9.50: Q&A Session III

**9.50-10.40: Session IV - ALS heterogeneity and treatments**

9.50-10.10: Cristina Moglia, Italy “**ALS phenotype heterogeneity: not only motor symptoms**”

10.10-10.30: Letizia Mazzini, Italy “**Innovative treatments for ALS: current state and future directions**”

10.30-10.40: Q&A Session IV

**10.40-11.15: Coffee break**

**11.15-12.15: Selected talks**

**12.15-13.15: Practical activity** Samuele Negro and Roberta Schellino, Italy “**How to analyze the morphology and innervation of neuromuscular junctions, by image analysis software**”

**13.15-14.45: Poster session II + light lunch**

**14.45-15.30 Closing Lecture** Clive Svendsen, USA “**Using iPSC technology and bioengineering to treat and model motor neuron diseases**”

**15.30-16: Awards ceremony**

*Goodbye to the next edition in 2026!*

Under the patronage of:



SUPPORTED BY:

