



FONDAZIONE ITALIANA DI RICERCA PER LA SLA
SCLEROSI LATERALE AMIOTROFICA
ENTE DEL TERZO SETTORE

AriSLA 2024 Conference

Research, development and innovation in ALS

Milan

Hotel Meliá Milan

22nd - 23rd November 2024

www.arisla.org

Friday 22nd November

- 08.30 - 09.00 Registration
- 09.00 - 09.30 Opening remarks and institutional greetings
Lucia Monaco - President of Fondazione AriSLA
Representatives of Institutions
- 09.30 - 10.15 **Opening lecture**
Ammar Al-Chalabi, *London*
How do we find new treatments for ALS?

Session I From genetics to mechanisms

Moderators: **Serena Carra**, **Nilo Riva**

- 10.15 - 10.35 **Nicola Ticozzi**, *Milan*
Call 2021 - FG - AZYGOS 2.0 - Autozygosity mapping followed by next generation sequencing in unrelated consanguineous individuals to identify novel ALS-associated genes
- 10.35 - 10.55 **Mauro Cozzolino**, *Rome*
Call 2021 - FG - SWITCHALS - Therapeutic correction of alternative splicing defects in hnRNP A2/B1 as a way to counteract Amyotrophic Lateral Sclerosis associated to FUS
- 10.55 - 11.05 **Valeria Gerbino**, *Rome*
Call 2022 - PG - MotorTBK1 - Cell-autonomous mechanisms of neurodegeneration in TBK1-ALS
- 11.05 - 11.15 General discussion
- 11.15 - 11.45 Coffee break 

Session II Identification of new targets

Moderators: **Emanuele Buratti**, **Nadia d'Ambrosi**

- 11.45 - 11.55 **Elena Ziviani**, *Padua*
Call 2021 - PG - mitoALS - Investigating basal mitophagy in ALS: from flies to human neurons



11.55 - 12.05	Manuela Basso, <i>Trento</i> Call 2021 - PG - SENALS - Premature glial senescence in ALS: untangling the puzzle
12.05 - 12.15	Michela Rigoni, <i>Padua</i> Call 2021 - PG - Breath - Boosting REgeneration in ALS motor neurons by targeting the periphery
12.15 - 12.25	Bert Blaauw, <i>Padua</i> Call 2022 - PG - SRXinALS - Targeting smoothened to promote neuroprotection in ALS
12.25 - 12.35	General discussion
12.35 - 14.00	Lunch 
14.00 - 15.30	Poster session I

Session III

Preclinical Therapeutic Approaches

Moderators: **Valentina Bonetto, Antonia Ratti**

15.30 - 15.50	Marta Fumagalli, <i>Milan</i> Call 2019 - FG - GPR17ALS-1 - New strategies to enhance the trophic functions and remyelinating abilities of adult NG2-glia in amyotrophic lateral sclerosis via the GPR17 receptor
15.50 - 16.10	Luca Muzio, <i>Milan</i> Call 2019 - FG - TRAILER - Therapeutic effects of retromer stabilization in amyotrophic lateral sclerosis
16.10 - 16.30	Fabrizio d'Adda di Fagnaga, <i>Milan</i> Call 2020 - FG - DDR &ALS - Targeting the DNA damage response to rescue neurodegeneration in ALS
16.30 - 16.40	Savina Apolloni, <i>Rome</i> Call 2021 - PG - ReNicALS - Repurposing Niclosamide in ALS
16.40 - 17.00	General discussion and closing remarks
17.00 - 19.00	Poster session II - <i>Wine and cheese</i>

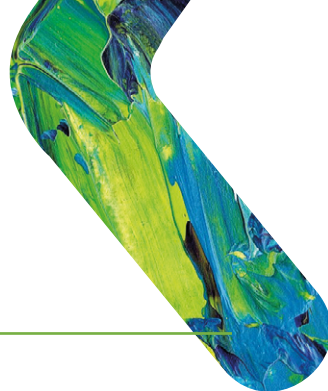
Saturday 23rd November

Session IV From translational to clinical research

Moderators: **Anna Ambrosini, Lucia Monaco**

- 09.00 - 09.45 **Lectio Magistralis**
Giuseppe Lauria, *Milan*
Drug repurposing in ALS
- 09.45 - 10.30 **Round Table**
Valentina Bonetto, Giuseppe Lauria, Annamaria Merico
From translational research to clinical trials
- 10.30 - 11.00 Coffee break ☕
- 11.00 - 11.45 **Round Table**
Anna Ambrosini, Martina de Majo, Fulvia Massimelli
Patient and researchers' synergy for new research strategies
- 11.45 - 12.15 **Lucia Monaco**, *Milan*
The international landscape of rare diseases
- 12.15 - 12.45 AriSLA Call 2024: the funded projects
- 12.45 - 13.00 Poster Award 'Giovani per la Ricerca'
Closing remarks

Preliminary Program



Speakers and Chairs of the Meeting



Ammar Al-Chalabi	King's College London, London, UK
Ambrosini Anna	Head of Research, Fondazione AriSLA, Milan
Apolloni Savina	Department of Biology, University of Rome Tor Vergata, Rome
Basso Manuela	Department of Cellular, Computational and Integrative Biology (CIBIO), University of Trento, Trento
Blaauw Bert	Venetian Institute of Molecular Medicine (VIMM), Padua
Bonetto Valentina	Department of Neuroscience, Mario Negri Pharmacological Research Institute IRCCS, Milan
Buratti Emanuele	International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste
Carra Serena	Department of Biomedical and Metabolic Sciences and Neuroscience, University of Modena and Reggio Emilia, Modena
Cozzolino Mauro	Institute of Translational Pharmacology, National Research Council, Rome
d'Adda di Fagagna Fabrizio	IFOM ETS -The AIRC Institute of Molecular Oncology, Milan
D'Ambrosi Nadia	Department of Biology, University of Rome Tor Vergata, Rome
de Majo Martina	International Alliance of ALS/MND Associations
Fumagalli Marta	Department of Pharmacological and Biomolecular Sciences, University of Milan, Milan
Gerbino Valeria	Santa Lucia IRCCS Foundation, Rome
Lauria Giuseppe	IRCCS Carlo Besta Neurological Institute, University of Milan, Milan
Massimelli Fulvia	President, AISLA, Milan
Merico Annamaria	Business development office, Fondazione Telethon, Milan
Monaco Lucia	President, Fondazione AriSLA, Milan
Muzio Luca	IRCCS San Raffaele Hospital, Milan
Ratti Antonia	IRCCS Italian Auxological Institute, University of Milan, Milan
Riva Nilo	IRCCS Carlo Besta Neurological Institute, University of Milan, Milan
Rigoni Michela	Department of Biomedical Sciences, University of Padua, Padua
Ticozzi Nicola	IRCCS Italian Auxological Institute, University of Milan, Milan
Ziviani Elena	Department of Biology, University of Padua, Padua



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