

**EEM Srl**

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# XXXIII AINICONGRESS

## TORINO

5/8 maggio 2025

**Dates:** May 5/8 2025

**Venue:** Starhotels Majestic – Corso Vittorio Emanuele II 54 – Torino

**Participants:** 130

**Accredited professions:****Medico Chirurgo:**

Allergologia e Immunologia Clinica;

Neuropsichiatria Infantile;

Neuroradiologia;

Neurofisiopatologia;

Neurologia;

Patologia Clinica (Laboratorio Di Analisi Chimico-Cliniche E Microbiologia);

Medicina Interna;

Neurochirurgia;

Medicina Generale (Medici Di Famiglia);

Medicina Del Lavoro E Sicurezza Degli Ambienti Di Lavoro;

**Biologo:** Biologo;

**Rational:**

The annual congress of the Italian Neuroimmunology Society is an opportunity for updates on Neuroinflammation in neurodegenerative and psychiatric disorders.

This year, for the XXXIII edition of the congress, we have selected topics covering different aspects and innovative approaches in Neuroimmunology, including Neuroimmunology in novel contexts, Immunology of psychiatric disorders, Omics & Artificial Intelligence in Brain disease, Environment, Auto-antibodies mediated diseases in neurology, Immune inflammation in aging and neurodegenerative disorders.

The selected speakers are leading experts in their field, and the meeting presents a breathtaking occasion which will bring together researchers from across the fields of basic and clinical neuroscience and immunology, creating a beneficial and supportive framework for the setting of potential novel approaches for neuro-inflammatory diseases, hoping to inspire and motivate younger scientists to pursue research interests in Neuroimmunology.

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**Scientific program****Day 1 | Monday May 5<sup>th</sup>**

**14:15-14:30** Welcome remarks – *Marinella Clerico, Simona Rolla, Gabriela Constantin, Diego Centonze & Roberto Furlan*

**Opening lecture: “Neuroimmunology passion lives here”**

**Chairs:** *Marinella Clerico – University of Turin, Italy | Roberto Furlan - INSpe San Raffaele Scientific Institute, Milan, Italy*

**14:30 – 15:00** **Regulatory aspects of MS, NMOSD and MG treatment**  
*Robert Nisticò – AIFA President*

**15:00 – 15:30** **Perspectives of MS and NMO persons and patient organizations**  
*Mario Alberto Battaglia – University of Siena, Italy*

**15:30 – 16:00** **Coffee Break**

**16:00 – 18:00** **Non ECM Industry Seminar**

**16:00 – 16:30** **Pioneering Innovation in FcRn-Targeted Therapies: Advancing Neuroimmunology and Autoimmune Disease Treatments**  
*Silvia Rossi – Director Medical Affairs and Evidence Generation, argenx Italy*

**16:30 – 17:00** **Ocrelizumab subcutaneous, a new option for patients**  
*Juan Acosta – Global Medical Scientific Leader Multiple Sclerosis, Roche*

**17:00 – 17:30** **ITAKOS: an observational Italian study on ofatumumab with a new exploratory endpoint**  
*Renato Turrini – Medical Head Neurosciences, Novartis Italy*

**17:30 – 18:00** **Advancements in neurology**  
*Margaret Mary Mondino – Medical Lead Multiple Sclerosis, Sanofi*

**Day 2 | Tuesday May 6<sup>th</sup>**

**9:00-11:00** **Neuroimmunology in novel contexts**

**Chairs:** *Paola Cavalla – Dipartimento di Neuroscienze Rita Levi Montalcini, Turin, Italy | Diana Ferraro – Ospedale Civile di Baggiovara Azienda Ospedaliero-Universitaria di Modena, Italy*

**09:00-09:30** **Immune control of cardiovascular function**  
*Daniela Carnevale – La Sapienza University, Rome, Italy*

**09:30-10:00** **Neurofilaments and beyond to monitor disease activity in Multiple Sclerosis?**  
*Jens Kuhle – Institution University Hospital, Switzerland*

**10:00-11:00** **Round table**

**11:00-11:30** **Coffee Break**

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**11:30-13:00 Immune inflammation in aging and neurodegenerative disorders**

**Chairs:** **Giovanna Borsellino** - *IRCCS Fondazione Santa Lucia, Rome, Italy* | **Massimiliano Di Filippo** – *University of Perugia, Italy*

**11:30-12:00 Alterations of the neuroimmune communication in neurodegenerative diseases**

Gabriela Constantin – *University of Verona, Italy*

**12:00-12:30 The immunity of intestinal aging**

Francesco Neri - *University of Torino, Italy*

**12:30-13:00 Round table****13:00-14:00 Lunch****14:00- 15:00 AINI Quality Control**

**Chairs:** **Alessia di Sapio** – *University of Torino, Italy* | **Roberto Furlan** - *INSpe San Raffaele Scientific Institute, Milan, Italy*

**15:00-17:00 NODES Session: Omics & Artificial Intelligence in Brain diseases**

**Chairs:** **Eleonora Cocco** - *Università degli Studi di Cagliari, Italy* | **Cinthia Farina** - *IRCCS San Raffaele Scientific Institute, Milan, Italy* | **Simona Rolla** – *University of Turin, Italy*

**15:00-15:30 Decoding Neuroimmunology: from omics data to digital twins**

Francesca Cordero - *University of Torino, Italy*

**15:30-16:00 An evolutionary origins of MS? Data from ancient DNA studies**

Lars Fugger – *Oxford University, UK*

**16:00-16:30 Virtual Brain modelling in Brain diseases**

Egidio D'Angelo- *University of Pavia, Italy*

**16:30-17:00 Round Table****17:00-18:30 Poster & Coffee**

**Chairs:** **Martina Severa** - *ISS, Rome, Italy* | **Claudio Procaccini** - *EOS-CNR, Naples, Italy* | **Rosella Mechelli** - *IRCCS San Raffaele, Rome, Italy*

**Day 3 | Wednesday May 7<sup>th</sup>****9:00-11:00 Environmental factors in the onset, progression and therapy of Multiple Sclerosis**

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**Chairs: Marco Salvetti – La Sapienza University, Rome, Italy | Matilde Inglese – University of Genova, Italy**

09:00-09:30 **Gut microbiota and its implication in Multiple Sclerosis: considerations on etiopathogenesis, progression and therapy**

Anne-Katrin Pröbstel– *University of Basel, Switzerland*

09:30-10:00 **EBV: a virological point of view could help the immunological one?**

David Lembo - *University of Toronto, Canada*

10:00-10:30 **Dietary metabolites in the resolution of immune inflammation**

Valerio Chiurchiù – *IRCCS Fondazione Santa Lucia, Rome, Italy*

10:30-11:00 **Round table**

11:00-11:30 **Coffee Break**

**11:30-13:00 Brain borders**

**Chairs: Luca Battistini - Santa Lucia Foundation IRCCS, Rome, Italy | Gabriela Constantin - University of Verona, Italy**

11:30-12:00 **Meningeal inflammation as a network**

Jonathan Kipnis - *Saint Louis University, USA*

12:00-12:30 **Meningeal inflammation as a picture**

Roberta Magliozzi - *University of Verona, Italy*

12:30-13:30 **Round table**

13:30-14:30 **Lunch**

**14:30-17:00 Auto-antibodies mediated diseases in neurology**

**Chairs: Sara Mariotto – University of Verona, Italy | Eleonora Virgilio – University of Torino, Italy**

14:30-15:00 **Detection and functional characterization of autoantibodies against neuronal proteins**

Jakob Kreys – *Charité University Medicine, Berlin, Germany*

15:00-15:30 **Antibody targets against glial surface proteins in demyelinating disorders**

Matteo Gastaldi- *IRCCS Mondino Foundation & University of Pavia, Italy*

15:30-16:00 **Pathogenic mechanism in MUSK myasthenia and other IgG4 related disorders**

MG Huijbers – *Leiden University Medical Center, Netherlands*

16:00-17:00 **Round table**

17:00-18:30 **Poster & Coffee**

**Chairs: Martina Severa - ISS, Rome, Italy | Claudio Procaccini - EOS-CNR, Naples, Italy | Rosella Mechelli - IRCCS San Raffaele, Rome, Italy**



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**Day 4 | Thursday May 8<sup>th</sup>**

**9:30-12:00**      **Immunology of neuropsychiatric disorders**

**Chairs: Francesco Benedetti**, *Dipartimento di Neuroscienze Rita Levi Montalcini, Torino, Italy* | **Diego Centonze**, *Tor Vergata University, Rome, Italy*

**9:30-10:00**      **Increased inflammation in depression and other psychiatric conditions: a biological point of view on diseases and on effectiveness of treatments**

Valeria Mondelli – *King's College of London, London, UK*

**10:00-10:30**      **Role of innate immunity in the control of mood and cognition**

Cristina Limatola- *La Sapienza University, Rome, Italy*

**10:30-12:00**      **Round table**

**12:00-12:30**      **AINI Winners & closing remarks**