

Monday March 15, 2021



VIDEO CONFERENCE

OFFICIAL LANGUAGE: ENGLISH

# AUTOIMMUNITY AND INFLAMMATION IN NEUROPSYCHIATRIC AND NEURODEGENERATIVE DISORDERS

CONFERENCE ORGANIZED BY YOUNG RESEARCHERS, IRCCS MONDINO FOUNDATION (PAVIA)

The activation of the immune system is implicated in many physiological processes that include, among others, the defense against pathogens. Conversely, an excessive activation of the immune system can lead to tissue damage and, in some cases, to autoimmune disorders. Surprisingly, in the past years, it became clear that the activation of the immune system is a key feature not just in autoimmune disorders,

but also in disorders affecting the central nervous system considered as psychiatric or neurodegenerative, such as psychosis, autism and dementia.

In this workshop, we will explore the most recent evidences that highlight the importance of the immune system in this unexpected group of diseases, analysing the clinical implication and the pathogenic relevance.

## PROGRAM

### CHAIRPERSONS

**Matteo Gastaldi, Daisy Sproviero**  
IRCCS Mondino Foundation (Pavia)

14.30 PM GREETINGS FROM THE SCIENTIFIC DIRECTOR  
**Fabio Blandini**

14.40 PM INTRODUCTION  
**Matteo Gastaldi, Daisy Sproviero**  
IRCCS Mondino Foundation (Pavia)

14.50 PM **Anti neuronal antibodies in psychiatric syndromes: a critical overview**  
**Tom Pollak** King's College, London, UK

15.20 PM **Recent evidence for the role of immune system in the pathogenesis of Psychosis**  
**Paolo Enrico** Policlinico Ca Granda, Milano

15.50 PM Break

16.00 PM **NLRP3 inflammasome activation and the progression of Alzheimer's disease**  
**Róisín McManus** German Center for Neurodegenerative Diseases (DZNE), Bonn

16.30 PM **The role of the immunological mechanisms in the pathogenesis of autism spectrum disorders**  
**Alessandra Carta** UNISS, Università degli Studi di Sassari

17.00 PM **Best Paper 2020 IRCCS Mondino Foundation**

17.30 PM CLOSING OF THE CONFERENCE

### SCIENTIFIC SECRETARY

**Matteo Gastaldi, Daisy Sproviero, Silvia Cerri**  
IRCCS Mondino Foundation (Pavia)

### SCIENTIFIC DIRECTOR IRCCS MONDINO FOUNDATION

**Fabio Blandini**

### TRAINING OFFICE IRCCS MONDINO FOUNDATION

**Silvia Molinari**  
[formazione.informazione@mondino.it](mailto:formazione.informazione@mondino.it)

### REGISTRATION

Registration is mandatory and free at the link:

[corsi.mondino.it/corsi\\_list.php](https://corsi.mondino.it/corsi_list.php)

The credentials will be sent by e-mail to participate in the Videoconference. Independently from the training credits, at the end of the meeting, it will be possible request the certificate of attendance.

### ECM-CPD CREDITS (ONLY ITALIAN PARTECIPANTS)

Provider IRCCS Fondazione Mondino n. 5467.

Obiettivi formativi di sistema n. 1: Applicazione nella pratica quotidiana dei principi e delle procedure dell'evidence based practice (ebm - ebn - ebp).

L'evento è accreditato in ambito ECM-CPD (n. 2 crediti formativi) per le seguenti figure professionali: Biologo, Medico Chirurgo (Allergologia ed immunologia clinica, Biochimica clinica, Genetica medica, Laboratorio di genetica medica, Neurologia, Neurofisiopatologia, Neuroradiologia, Pediatria, Pediatria -Pediatri di libera scelta-, Psichiatria, Neuropsichiatria infantile), Logopedista, Psicologo (psicologia, psicoterapia), Tecnico della riabilitazione psichiatrica, Tecnico sanitario di laboratorio biomedico, Terapista della neuro e psicomotricità dell'età evolutiva. Per ottenere i crediti formativi è necessario partecipare all'intero programma e rispondere correttamente all'80% delle domande del test di apprendimento.

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