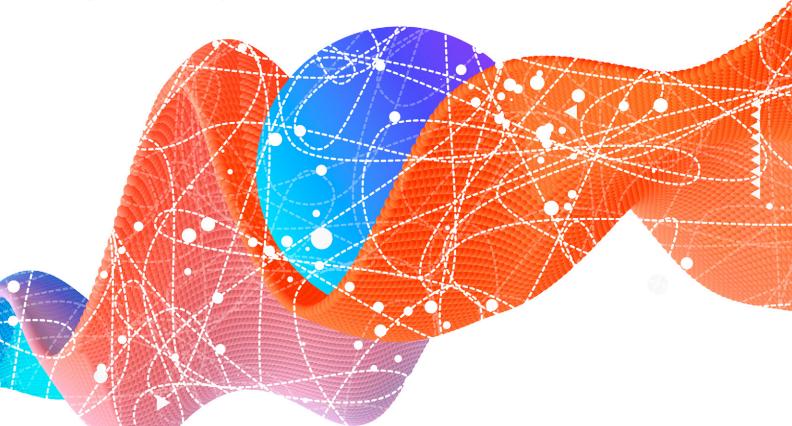
Progression independent of relapse



(PIRA) in MS



Mestre (VENEZIA)

HOTEL NH VENEZIA LAGUNA PALACE Viale Ancona, 2 6th 7th OCTOBER

The concept of progression independent of relapse "PIRA" as a hallmark of the disease even in the earliest phase and during the disease-modifying treatment, is emerging in the last few years. It describes those patients that, even in the absence of classical clinical/radiological events, have an insidious disease activity which is unnoticed by the patient or physician in the early phase of the disease, whereas it becomes clinically relevant later on disease course. This could be mainly characterized by neurodegenerative mechanisms rather than inflammatory disease activity and its measure is fairly beyond the sensitivity of the conventional MRI. One of the expressions of such silent activity may be a surfacein gradient of cortical, thalamic and spinal cord grey matter damage, which is a primary key component of the demyelination and neurodegeneration processes and provides the best clinical correlate in terms of long term disability accumulation. A second emerging relevant sign of silent activity is represented by the "smouldering" lesions which have been neuropathologically and radiologically well described and which have been proposed as one of the major determinants of disability progression.

According to this evidence, the unique use of No Evidence of Disease Activity (NEDA) status (no relapses, no new T2 and/or Gdenhancing lesions, no EDSS change) is not completely appropriate to identify patients at high risk of a severe clinical outcome. The main goal of this symposium will be to better elucidate the most relevant molecular and radiological biomarkers of silent disease activity with special focus on Neuropathological, Imaging and CSF data.

SCIENTIFIC DIRECTOR

Prof. **Massimiliano Calabrese,**The Multiple Sclerosis Center of University Hospital of Verona

SCIENTIFIC SECRETARIAT

Damiano Marastoni, Annalisa Colombi, Valentina Camera, Elisa Colato



Per partecipare è necessario inviare un abstract di massimo 500 parole a massimiliano.calabrese@univr.it includendo nome, cognome, numero di telefono ENTRO IL 31 luglio 2022



SCIENTIFIC PROGRAM Thursday 5 OCTOBER 2022

10:00	Registration of participants Welcome and Introduction to the Meeting M. Calabrese	16:00	II SESSION Chairs: Luca Massacesi, Alberto Gajofatto Biomarker of PIRA/MRI Massimiliano Calabrese	8:30	Opening III SES Chairs: Clai Francesc
10:40	YOUNG SESSION Chairs: Valentina Camera, Agnese Tamanti, Elisa Colato	16:25	Immunophenotype and personalized therapy in MS Luca Battistini	8:30	La RM del per rendel un ricordo Massimo
12:20	Light Lunch I SESSION Chairs: Bruno Bonetti,	16:50	Synaptic plasticity and connection failure in the MS brain Massimiliano Di Filippo	9:00	Advanced matter da Cristina G
14:00	MS - time to abandon our current classification Ludwig Kappos			9:30	Brain atro from resea application Nicola De
14:30	Is MS a progressive disease from onset? PIRA in an Italian cohort of CIS and early RRMS patients Maria Pia Amato			9:55	New MRI of Progres Rocca Ma
14:55	 Profiling the Progressive MS patient responder to treatment Maria Pia Sormani 			10:45	progressic inflammat Antonio S **Coffee Brea
15:20	Coffee Break				

SCIENTIFIC PROGRAM 7 OCTOBER 2022

8:30	• Opening		IV SESSION Chairs: Damiano Marastoni		
•	III SESSION Chairs: Claudio Gasperini, Francesco Crescenzo		Annalisa Colombi		
8:30	La RM del futuro per rendere la progressione un ricordo del passato	11:15	Extracellular vesicles in the inflamed brain Roberto Furlan		
9:00	Massimo Filippi Advanced imaging of grey matter damage Cristina Granziera	11:40	Chronic active MS lesions: from neuropathology and MRI to clinical trials Martina Absinta		
9:30	Brain atrophy in MS: from research to clinical applications Nicola De Stefano	12:05	Neuropathological basis of MS progression Roberta Magliozzi		
9:55	New MRI markers of Progression Rocca Maria Assunta	12.30	The role of iron rim lesions in disease progression in multiple sclerosis Simon Hametner		
10:20	Smouldering MS: progression beyond focal inflammatory activity Antonio Scalfari	12.55	Closing and remarks Massimiliano Calabrese		
10:45	Coffee Break	13:15	Questionnaire ECM		

Medical Doctors

specializing in

neurology, neurosurgery, general medicine, radiology, geriatrics, internal medicine, psychiatry, physical medicine e rehabilitation.

Pharmacists, Speech Therapists, Nurses, Physiotherapists, Rehabilitation therapists, Psychologists-Psychotherapists, Radiological technicians, Neurophysiopathology technicians.

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