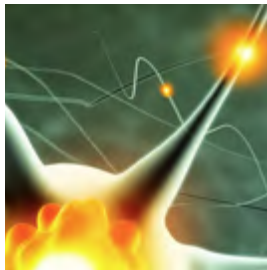


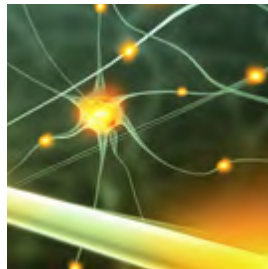
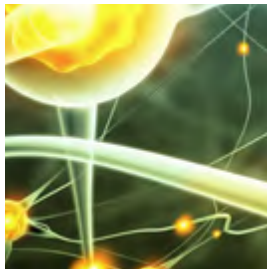
In-depth MRI techniques and analysis in multiple sclerosis

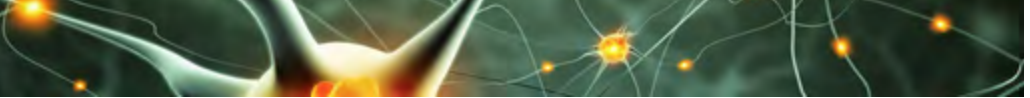
29-30-31 March 2021

Live Webinars



FINAL PROGRAMME
Digital Learning Journey





OVERVIEW

Today the role of MRI in multiple sclerosis (MS) is well established. It is undeniable that MRI is required for establishing the diagnosis, evaluating prognosis and monitoring treatment complications. Although competence and knowledge of qualitative neuroradiological metrics are increasingly growing among neurologists interested in MS, there is still a need to promote a deeper understanding of the applications, limits and possibilities of this tool to improve the quality of the care. Additionally, quantitative MRI (i.e. lesion load and brain volume calculation) approaches, as well as advanced neuroimaging tools, are widely used in research, but are not diffusely applied in clinical settings, which will improve the quantification of prognosis and the individualization of treatment approach.

EDUCATIONAL APPROACH

The Scientific Seminars education approach reinforces concepts from different angles, using a multi-format, multi-discipline and multi-profession approach to progressive learning and access to a network of experts. The aim of this digital learner-centered program is to increase knowledge and competence in the field of neuroimaging applied to MS. This program will address the most recent updates in quantitative and qualitative MRI techniques and in advanced neuroimaging. A multi-disciplinary approach will be used, involving the full interactivity of learners. The digital Preceptorship format has been designed to cover both the theoretical and practical aspects of MRI in MS. This will be integrated with the discussion of several clinical cases related to different aspects of the disease. Some of these clinical cases will guide the participants to a proper diagnosis in patients presenting with a first clinical attack, by integrating clinical, laboratory and MRI information. Others will help to a timely identification of red-flags, useful for the differential diagnosis of MS mimickers. Finally, decision making cases in the context of treatment monitoring and treatment switches will be presented.

LEARNING OBJECTIVES

By attending this program, participants will be able to:

- Identify the main MRI markers corresponding to specific MS histopathological damage
- Define the main MRI metrics used for estimating prognosis and evaluating treatment response
- Enumerate advantages and limits of the imaging techniques currently under development for investigating MS-related damage

TARGET AUDIENCE

This program is designed for young clinicians and scientists currently involved in MS management as well as radiologists interested in MS.



CHAIR

Prof. Massimo Filippi

Full Professor of Neurology

Chair, Neurology Unit

Chair, Neurorehabilitation Unit

Director, Neurophysiology Unit

Director, MS Center

Director, Neuroimaging Research Unit, Division of Neuroscience

Vita-Salute San Raffaele University and San Raffaele Scientific Institute

LANGUAGE

The official language of this live educational conference is English.

CONTINUING MEDICAL EDUCATION

An application has been made to the European Accreditation Council for Continuing Medical Education (EACCME) for CME accreditation and on the Italian Ministry of Health.

INTERACTIVE DIGITAL RESOURCES

Scientific Seminars is proposing an online-format, outcomes-based educational approach combining online activities to accompany healthcare professionals along a progressive pathway towards changes in their clinical practice.

This learning digital journey is a structured 3 day-program integrating online activities with tailor-made interactive digital resources.

CME PROVIDER

Scientific Seminars International Foundation

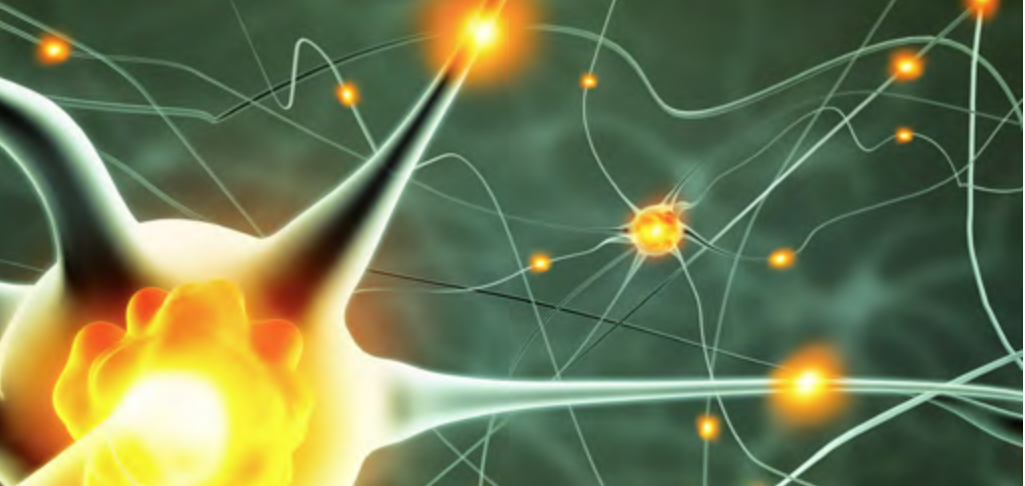
To register for all 3 Digital Modules, please contact:

CME Manager: Michela Fiuzzi

secretariat@scientificseminars.com

PRE-SURVEY

To complete a PRE-Survey covering your current knowledge of the subject matter prior to attending the digital Learning Journey, please click here: <https://bit.ly/3o1JY7W>



FACULTY

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San Raffaele Scientific Institute - Milan, Italy

Laura Cacciaguerra

Neuroimaging Research Unit
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Paolo (Quintiliano) Vezzulli

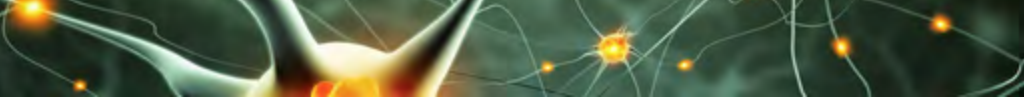
Neuroradiology Unit
San Raffaele Scientific Institute - Milan, Italy



SCIENTIFIC PROGRAM: 1st DIGITAL MODULE

MONDAY, 29 MARCH 2021- WEBINAR 2h 45' (3.45pm - 6.30pm CET)

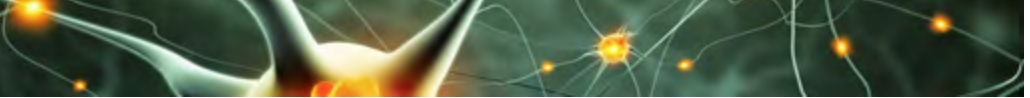
15.45	'15	General course introduction - 1st Module Massimo Filippi
16.00	'20	The MRI Criteria for diagnosing MS Maria Assunta Rocca
16.20	'20	MRI and differential diagnosis in patients suspected of having MS Andrea Falini
16.40	'10	Q&A Session
16.50	'20	Monitoring treatment response with MRI (from NEDA-3 to NEDA-4) Paolo Preziosa
17.10	'20	Individualized treatment in patients with MS Lucia Moiola
17.30	'10	Q&A Session
17.40	'20	The clinical work up of patients suspected of having MS Francesca Sangalli
18.00	'20	Advanced imaging techniques: basic principles Paola Valsasina
18.20	'15	Q&A Session
18.30	'10	Wrap Up & Conclusions Massimo Filippi
18.40		End of the webinar



SCIENTIFIC PROGRAM: 2nd DIGITAL MODULE

TUESDAY, 30 MARCH 2021 - WEBINAR 2h 40' (3.45pm - 6.25pm CET)

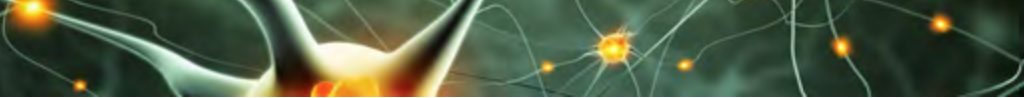
15.45	'10	Introduction 2nd Module Massimo Filippi
15.55	'20	Case studies on diagnosis/differential diagnosis Maria Assunta Rocca
16.15	'20	Case studies on treatment decision making Francesca Sangalli
16.35	'15	Q&A
16.55	'20	The clinical work up of patients suspected of having MS Massimo Filippi
17.15	'20	Advanced imaging techniques: basic principles Elisabetta Pagani
17.35	'20	Understanding MS evolution using structural MR techniques Paolo Preziosa
17.55	'15	Q&A
18.15	'10	Wrap Up & Conclusions Massimo Filippi
18.25		End of webinar



SCIENTIFIC PROGRAM: 3rd DIGITAL MODULE

WEDNESDAY, 31 MARCH 2021 - WEBINAR 3h (3.45pm - 6.45pm CET)

15.45	'10	Introduction 3rd Module Massimo Filippi
15.55	'20	Understanding MS evolution using functional MR techniques Maria Assunta Rocca
16.15	'20	MRI and cognition Raffaello Bonacchi
16.35	'10	Q&A
16.55	'20	Optic nerve MRI Paolo Vezzulli
17.15	'20	Spinal cord MRI Paola Valsasina
17.35	'10	Q&A
17.45	'20	Atrophy: from clinical trials to single patient Laura Cacciaguerra
18.05	'20	Practical session: training on lesion and atrophy quantification Loredana Storelli
18.25	'10	Q&A
18.35	'10	Concluding remarks Massimo Filippi
18:45		End of the live course



FACULTY DISCLOSURES

Scientific Seminars International Foundation adheres to guidelines of the European Accreditation Council for Continuing Medical Education (EACCME®) and all other professional organizations, as applicable, which state that programs awarding continuing education credits must be balanced, independent, objective and scientifically rigorous. Investigative and other uses for pharmaceutical agents, medical devices and other products (other than those uses indicated in approved product labelling/package insert for the product) may be presented in the program (which may reflect clinical experience, the professional literature or other clinical sources known by the presenters). We ask all presenters to provide participants with information about relationships with pharmaceutical or medical equipment companies that may have relevance to their lectures. This policy is not intended to exclude faculty who have relationships with such companies; it is only intended to inform participants of any potential conflicts so that participants may form their own judgements, based on full disclosure of the facts. Furthermore, all opinions and recommendations presented during the program and all program-related materials neither imply an endorsement nor a recommendation on the part of Scientific Seminars International Foundation. All presentations represent solely the independent views of the presenters/authors.

The following faculty provided information regarding significant commercial relationships and/or discussions of investigational or non-EMEA/FDA approved (off-label) uses of drugs:

Massimo Filippi

Declared receipt of grants and contracts from Bayer, Biogen Idec, Merck-Serono, Novartis, Roche, Sanofi Genzyme, Takeda, and Teva Pharmaceutical Industries; He also declared receipt of research support from Biogen Idec, Merck-Serono, Novartis, Roche, Teva Pharmaceutical Industries, Italian Ministry of Health, Fondazione Italiana Sclerosi Multipla, and ARISLA (Fondazione Italiana di Ricerca per la SLA).

Paolo Preziosa

Declared the receipt of honoraria or consultation fees from Biogen Idec, Novartis, Merck-Serono.

Francesca Sangalli

Declared the receipt of honoraria or consultation fees from QualWorld, Merck Serono, Sanofi Genzyme.

Raffaello Bonacchi

Declared no potential conflict of interest.

Paolo (Quintiliano) Vezzulli

Declared no potential conflict of interest.

Paola Valsasina

Declared the receipt of honoraria or consultation fees from ACCMED.

Laura Cacciaguerra

Declared the receipt of honoraria or consultation fees from ACCMED.

Elisabetta Pagani

Declared the participation in the ACCMED sponsored speaker's bureau.

Loredana Storelli

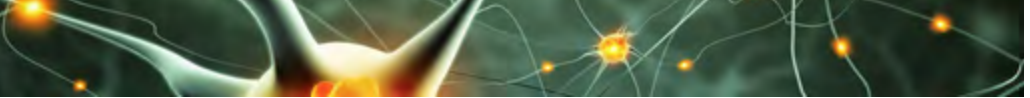
Declared the receipt of grants and contracts from FISM within a fellowship program.

Lucia Moiola

Declared the receipt of honoraria or consultation fees from Teva, Merck, Novartis, Roche, Biogen.

Andrea Falini

Declared no potential conflict of interest.



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