



I.R.C.C.S. Ospedale
San Raffaele



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Sin
SOCIETÀ ITALIANA DI NEUROLOGIA

Neuroimaging Research Unit
Division of Neuroscience,
IRCCS San Raffaele Scientific Institute and Vita-Salute San Raffaele University

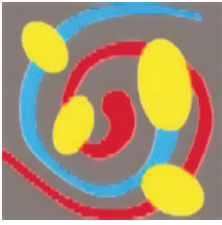
Magnetic Resonance Techniques in Multiple Sclerosis

Twenty-third Advanced Course

SCIENTIFIC PROGRAM

CME ACCREDITED COURSE

3-4 November 2021



MAGNETIC RESONANCE TECHNIQUES IN MULTIPLE SCLEROSIS

Twenty-third Advanced Course

3-4 November 2021

PRESIDENT:

Massimo Filippi

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Massimo Filippi

Maria A. Rocca

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Loredana Storelli, Milan, Italy

Toshiaki Taoka, Nagoya, Japan

Paola Valsasina, Milan, Italy

Brian G. Weinshenker, Rochester, MN, USA

DIAGNOSIS OF MS: THE IMAGING PERSPECTIVE

14.00-14.05 Welcome and introductory remarks
Massimo Filippi

SESSION I DIAGNOSIS OF MS, FROM CIS TO PROGRESSIVE MS: PRESENT AND FUTURE

Chair: M. Filippi

14.05-14.30 The 2017 McDonald criteria: from statements to clinical use
Xavier Montalban

14.30-14.50 The central vein sign
Pietro Maggi

14.50-15.10 Leptomeningeal enhancement
Daniel M. Harrison

15.10-15.30 Subpial demyelination
Caterina Mainero

15.30-15.50 Smouldering lesions
Douglas L. Arnold

15.50-16.10 Coffee break

SESSION II BEYOND MS DIAGNOSIS

Chair: M. Filippi

16.10-16.30 MS mimickers
Frederik Barkhof

16.30-16.50 NMOSD
Brian G. Weinshenker

16.50-17.10 MOGAD
Elia Sechi

17.10-17.30 The contribution of artificial intelligence
Maria A. Rocca

17.30-18.00 Round Table and Concluding remarks
All

MRI CONTROVERSIES IN MS

14.00-14.10 Welcome and introductory remarks
Massimo Filippi

CONTROVERSY I T1/T2 RATIO IS A VALID METHOD TO QUANTIFY MYELIN CONTENT *Chair: M.A. Rocca*

14.10-14.30 Pro
Matthew F. Glasser

14.30-14.50 Con
Mark A. Horsfield

14.50-15.00 Discussion

CONTROVERSY II GM ATROPHY IS MORE CLINICALLY RELEVANT THAN WM ATROPHY IN MS *Chair: M.A. Rocca*

15.00-15.20 Pro
Nicola De Stefano

15.20-15.40 Con
Loredana Storelli

15.40-15.50 Discussion

CONTROVERSY III MRI PHENOTYPES WILL REPLACE CLINICAL PHENOTYPES IN MS *Chair: M.A. Rocca*

15.50-16.10 Pro
Arman Eshaghi

16.10-16.30 Con
Paolo Preziosa

16.30-16.40 Discussion

16.40-17.00 Coffee break

CONTROVERSY IV NON-INVASIVE MRI VISUALIZATION OF THE GLYMPHATIC SYSTEM IS FEASIBLE AND RELEVANT

Chair: M. Filippi

17.00-17.20 Pro
Toshiaki Taoka

17.20-17.40 Con
Jeffrey Iliff

17.40-17.50 Discussion

CONTROVERSY V DYNAMIC WILL REPLACE STATIC FUNCTIONAL CONNECTIVITY

Chair: M. Filippi

17.50-18.10 Pro
Gustavo Deco

18.10-18.30 Con
Paola Valsasina

18.30-18.40 Discussion

18.40-18.50 **Concluding remarks**
Massimo Filippi

General Information

REGISTRATION

Registration is free and includes admission to scientific sessions, conference materials, CME certificate (only for Italian attendees), certificate of attendance and recorded sessions on demand

HOW TO REGISTER

All participants are kindly recommended to register via the online registration form at www.biomedica.net

CONTINUING MEDICAL EDUCATION (ECM only for Italian attendees)

The event addresses to the disciplines of Medical Radiology Technician, Psychologist (Psychology; Psychotherapy;), Physicians (Health Physics), Doctor (Physical Medicine and Rehabilitation; Neurophysiopathologist; Neurology; Neuroradiology;), Physiotherapist, Neurophysiopathologist Technician.

In order to obtain credits, participants must attend the full educational programme (90% of the meeting) and pass the final learning test available on the online CME platform

Provider: Biomedica srl

Id: 148 | nr. **325584** - nr. credits: **13,5**

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be available online after the meeting, on the same platform

LANGUAGE

The official language of the Congress is English

CONGRESS PLATFORM

Biomedica E-Learning platform both for the Live of the Meeting and for the CME test. Detailed information will be sent to all attendees a few days before the Live.



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Unrestricted Educational Grant



BIOMEDIA

ORGANIZING SECRETARIAT

BioMedia srl - Alice Torrigiani
Via L. Temolo 4 – 20126 Milano
e-mail: alice.torrigiani@biomedia.net