



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



Under the auspices of:

Sin
SOCIETÀ ITALIANA DI NEUROLOGIA

Neuroimaging Research Unit

Institute of Experimental Neurology, Division of Neuroscience,
San Raffaele Scientific Institute and Vita-Salute San Raffaele University

Magnetic Resonance Techniques in Multiple Sclerosis

Twenty-second Advanced Course

SCIENTIFIC PROGRAM

CME ACCREDITED COURSE

Milan, 13th-14th June 2019

San Raffaele Scientific Institute
Via Olgettina, 60 - 20132 Milan, Italy

ORGANIZING SECRETARIAT

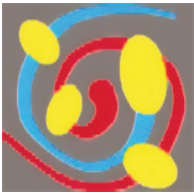


BIOMEDIA

Biomedica srl – Alice Torrigiani
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Biomedica utilizza un Sistema di Gestione Qualità Certificato per progettazione ed erogazione di eventi di formazione residenziale e a distanza e di servizi organizzativi per corsi e convegni



MAGNETIC RESONANCE TECHNIQUES IN MULTIPLE SCLEROSIS

Twenty-second Advanced Course

Milan, 13th-14th June 2019

PRESIDENT:

Massimo Filippi

SCIENTIFIC COMMITTEE:

Massimo Filippi

Maria A. Rocca

Giancarlo Comi

ORGANIZING SECRETARIAT:

Federica Beretta

Lucia Zonca

FACULTY MEMBERS

Amit Bar-Or, Philadelphia - PA - USA

Giancarlo Comi, Milano - Italy

Nicola De Stefano, Siena - Italy

Massimo Filippi, Milano - Italy

Cristina Granziera, Basel - Switzerland

Segiu Groppa, Mainz - Germany

Hugh Kearney, London - UK

Dawn Langdon, Egham - Surrey - UK

Hans Lassmann, Vienna - Austria

David Leppert, Basel - Switzerland

Kyla A. McKay, Stockholm - Sweden

Friedemann Paul, Berlin - Germany

Paolo Preziosa, Milano - Italy

Maria A. Rocca, Milano - Italy

Alex Rovira, Barcelona - Spain

Menno M. Schoonheim, Amsterdam - Netherlands

Alessandra Solari, Milano - Italy

Bruno Stankoff, Paris - France

Glenn Wylie, West Orange - NJ - USA

13th June 2019

9.00-9.15 Welcome, introductory remarks
M. Filippi, G. Comi

SESSION I - PROGRESSION IN MS

Chairs: G. Comi, M. Filippi

9.15-10.00 Defining the clinical course and features of progression in MS
C. Granziera

10.00-10.45 The pathologist's perspective
H. Lassman

10.45-11.30 The immunologist's perspective
A. Bar-Or

11.30-12.00 Coffee break

SESSION II - PROGRESSION IN MS: TREATMENT

Chairs: G. Comi, M. Filippi

12.00-12.30 Pharmacologic treatment and progression in MS
G. Comi

12.30-13.00 Motor and cognitive rehabilitation and progression in MS
G. Wylie

13.00-14.00 Lunch

SESSION III - MRI FEATURES OF PROGRESSION IN MS

Chairs: H. Lassmann, G. Wylie

- | | |
|-------------|--|
| 14.00-14.30 | WM lesions
<i>A. Rovira</i> |
| 14.30-15.00 | NAWM damage
<i>S. Groppa</i> |
| 15.00-15.30 | GM lesions and GM damage
<i>P. Preziosa</i> |
| 15.30-16.00 | The spinal cord
<i>H. Kearney</i> |
| 16.00-16.30 | Afternoon tea |

SESSION IV - MRI FEATURES OF PROGRESSION IN MS

Chairs: H. Kearney, A. Rovira

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|-------------|--|
| 16.30-17.00 | Brain atrophy
<i>N. De Stefano</i> |
| 17.00-17.30 | The thalamus, hippocampus and cerebellum
<i>M.M. Schoonheim</i> |
| 17.30-18.00 | Panel discussion
<i>Led by M. Filippi</i> |

14th June 2019

SESSION V - PROGRESSION IN MS: WHAT SHOULD BE ASSESSED?

Chairs: M.A. Rocca, D. Leppert

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|-------------|---|
| 9.00-9.30 | Cognition
<i>D. Langdon</i> |
| 9.30-10.00 | Patient-reported outcomes
<i>A. Solari</i> |
| 10.00-10.30 | Comorbidities
<i>K. A. McKay</i> |
| 10.30-11.00 | Coffee break |

SESSION VI - PROGRESSION IN MS: OTHER BIOMARKERS?

Chairs: N. De Stefano, G. Wylie

- | | |
|-------------|---|
| 11.00-11.30 | Functional MRI
<i>M.A. Rocca</i> |
| 11.30-12.00 | PET imaging
<i>B. Stankoff</i> |
| 12.00-12.30 | Neurofilaments
<i>D. Leppert</i> |
| 12.30-13.00 | Other biomarkers
<i>F. Paul</i> |
| 13.00-13.15 | Concluding remarks
<i>M. Filippi</i> |
| 13.15-14.30 | Farewell cocktail |

REGISTRATION

Registration is free and includes admission to scientific sessions, conference materials, coffee breaks, lunch and certificate of attendance.

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 participants)

The event addresses to the disciplines of Neurology, Neurophysiopathology, Neuroradiology and Physical medicine and rehabilitation.

Professional Category: Physicist, physiotherapist, physician, psychologist, Neurophysiology Technician, Radiology 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 line on the site www.biomedica.net.

Provider: Biomedica srl

Id: **148 | nr. 254896 - nr. credits: 10**

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be available online after the meeting in MyLogin area on www.biomedica.net.

OFFICIAL LANGUAGE

English. Simultaneous translation service is not provided.

HOTEL ACCOMMODATION

In case of accommodation please contact:

Biomedica Travel di Biomedica srl

Via L. Temolo, 4 – 20126 Milano

Tel.: 02/45498282 - Fax: 02/45498199 - e-mail: biomediatravel@biomedica.net

CONGRESS VENUE

San Raffaele Scientific Institute - Aula San Raffaele

Via Olgettina, 60 - 20132 Milano, Italy

HOW TO REACH THE VENUE

- ▶ **Motorways:** San Raffaele Congress Centre can be reached by all motorways, following the direction "Tangenziale Est" (East ring road) till Cascina Gobba exit.
- ▶ **Subway:** San Raffaele Congress Centre is connected to Milan by green subway line. The subway stop is Cascina Gobba.
- ▶ **Railway:** Milano Central Railway Station is connected to San Raffaele Congress Centre by subway (green line).
- ▶ **Airports:** Malpensa Airport (50 km) and Linate Airport (5km) are connected to San Raffaele Congress Centre by railway, bus or taxi.



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Unrestricted Educational Grant

