



EUROPEAN COMMITTEE FOR TREATMENT
AND RESEARCH IN MULTIPLE SCLEROSIS

ECTRIMS-MAGNIMS MAGNETIC RESONANCE IMAGING IN MULTIPLE SCLEROSIS FELLOWS

2020 Awardees

Fellow: **Monica Margoni, MD**

Research Topic: Exploring in-vivo brain myelin content in patients with multiple sclerosis through the T1/T2 ratio mapping: a multicenter study

Fellowship Institution: Neuroimaging Research Unit, Division of Neuroscience, IRCCS San Raffaele Scientific Institute, Milan, Italy

Mentor: Prof. Massimo Filippi

Fellowship Duration: 1 year

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Fellow: **Antonio Carotenuto, Dr.**

Research Topic: Network centrality in multiple sclerosis

Fellowship Institution: Neuroimaging of CNS White Matter Unit, Division of Neuroscience, IRCCS San Raffaele Scientific Institute, Milan, Italy

Mentor: Mara Rocca, MD

Fellowship Duration: 1 year

2019 Awardees

Fellow: Lukas Haider, PhD

Research Topic: “Dirty” Virchow Robin Spaces in Controls and MS-Histological Clinical Validation of a Novel MRI Feature

Fellowship Institution: UCL Institute of Neurology, London

Mentor: Prof. Barkhof, Dr. Chard and Prof. Ciccarelli

Fellowship Duration: 1 year

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Fellow: Rosa Cortese, PhD

Research Topic: Towards a better understanding of MOG-Antibody-associated disease and new MAGNIMS MRI criteria

Fellowship Institution: University of Siena, Italy

Mentor: Prof. Ciccarelli and Prof. De Stefano

Fellowship Duration: 1 year

2018 Awardees

Fellow: Alberto Calvi, PhD

Research Topic: Slowly Evolving Lesions (SELs) in multiple sclerosis

Fellowship Institution: Queen Square Multiple Sclerosis Centre, University College London, United Kingdom

Mentor: Prof. Barkhof and Prof. Ciccarelli

Fellowship Duration: 1 year

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Fellow: **Margareta Clarke, PhD**

Research Topic: Iron rims around multiple sclerosis lesions. A new MRI marker of disease activity and progression?

Fellowship Institution: Hospital Universitari Vall d'Hebron, Barcelona, Spain

Mentor: Prof. Rovira

Fellowship Duration: 1 year

2017 Awardees

Fellow: **Soheil Damangir, PhD**

Research Topic: Optimizing crowd-sourced solutions toward generating large reference datasets for WM lesion segmentation in MS

Fellowship Institution: VU University Medical Center, Amsterdam, Netherlands with collaboration at the Vall d'Hebron University Hospital, Barcelona, Spain

Mentor: Dr. Vrenken and Prof. Barkhof

Fellowship Duration: 1 year

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Fellow: **Marcello Moccia, PhD**

Research Topic: Improving longitudinal spinal cord atrophy measurements for clinical trials in multiple sclerosis by using the Generalised Boundary Shift Integral (GBSI)

Fellowship Institution: UCL Institute of Neurology, National Hospital for Neurology & Neurosurgery, Queen Square, London, United Kingdom

Mentor: Prof. Ciccarelli and Prof. Barkhof

Fellowship Duration: 1 year

2016 Awardees

Fellow: **Alessandro d'Ambrosio, MD**

Research Topic: Relating functional connectivity to cognition in multiple sclerosis: from stationary to time-varying analysis of strategic large-scale networks

Fellowship Institution: Ospedale San Raffaele, Neuroimaging Research Unit, Milan, Italy

Mentor: Prof. Massimo Filippi

Fellowship Duration: 1 year

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Fellow: **Sara Collorone, MD**

Research Topic: To investigate how longitudinal changes in Structural Cortical Networks relate to disease evolution in Clinically Isolated Syndrome using 3D T1-weighted high-resolution scans from the MAGNIMS CIS cohort

Fellowship Institution: UCL Institute of Neurology, National Hospital for Neurology & Neurosurgery, Queen Square, London, UK

Mentor: Dr. Ahmed Toosy and Prof. Frederik Barkhof

Fellowship Duration: 1 year

2015 Awardees

Fellow: **Mohammad Aboulwafa, MD**

Research Topic: Whole-cord and voxel-based assessment of cervical cord atrophy in MS patients with different clinical phenotypes: a multi-centre assessment

Fellowship Institution: Neuroimaging Research Unit, INSPE, Division of Neuroscience, San Raffaele Scientific Institute and Vita-Salute San Raffaele University, Milan, Italy

Mentor: Prof. Massimo Filippi

Fellowship Duration: 1 year

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Fellow: Arman Eshaghi, MD, PhD
Research Topic: To explore imaging phenotypes of patients with multiple sclerosis using 4-dimensional voxel-based morphometry
Fellowship Institution: UCL Institute of Neurology, National Hospital for Neurology & Neurosurgery, Queen Square, London, UK
Mentor: Prof. Olga Ciccarelli
Fellowship Duration: 1 year

2014 Awardees

Fellow: Mariano Cabezas Grebol, PhD
Research Topic: Automatic detection and analysis of new lesions in serial MRI of MS patients
Fellowship Institution: Fundacio Hospital Universitari Vall d'Hebron, Institut de Recerca, Barcelona, Spain
Mentor: Dr. Alex Rovira
Fellowship Duration: 1 year

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Fellow: Yaou Liu, MD, PhD
Research Topic: Validation of deep gray matter atrophy measurement in Multiple Sclerosis for multi-center studies: a MUSCAT project
Fellowship Institution: MS Center Amsterdam, VU University Medical Center, Amsterdam, Netherlands
Mentor: Prof. Frederic Barkhof
Fellowship Duration: 1 year

2013 Awardees

Fellow: Alvino Bisecco, MD
Research Topic: Disconnection and regional WM change WRT cognition in setting of Multicentre MAGNIMS study
Fellowship Institution: Neuroimaging Research Unit, INSPE, Division of Neuroscience, San Raffaele Scientific Institute and Vita-Salute San Raffaele University, Milan, Italy
Mentor: Prof. Massimo Filippi
Fellowship Duration: 1 year

2012 Awardees

Fellow: Özgür Yaldizli, MD
Research Topic: The dynamics of cortical grey matter lesion and non-lesional abnormalities and its correlation with clinical and cognitive measures in MS: a serial magnetic resonance imaging study
Fellowship Institution: University College of London, London, United Kingdom
Mentor: Prof. David Miller
Fellowship Duration: 1 year

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Fellow: Georgina Arrambide, MD
Research Topic: Contribution of 3T MRI and spinal cord MRI to the diagnosis of adult and paediatric patients with clinically isolated syndromes suggestive of Multiple Sclerosis
Fellowship Institution: Multiple Sclerosis Centre of Catalonia, Hospital Vall d'Hebron, Barcelona, Spain
Mentor: Dr. Alex Rovira / Prof. Xavier Montalban
Fellowship Duration: 1 year

2011 Awardees

Fellow: Marco Battaglini, PhD
Research Topic: Development of novel multimodal segmentation techniques to improve quantitative assessment of MR images in MS
Fellowship Institution: Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford, UK
Mentor: Prof. Jacqueline Palace
Fellowship Duration: 1 year

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Fellow: Dušan Damjanović, MD
Research Topic: Common Dataset project
Fellowship Institution: Neuroimaging Research Unit, INSPE, Division of Neuroscience, San Raffaele Scientific Institute and Vita-Salute San Raffaele University, Milan, Italy
Mentor: Prof. Massimo Filippi
Fellowship Duration: 1 year

2010 Awardees

Fellow: Benedetta Bodini, MD, PhD
Research Topic: Is grey matter damage secondary to white matter abnormalities in different MS subtypes?
Fellowship Institution: Department of Medicine, Surgery and Neuroscience, University of Siena, Siena, Italy
Mentor: Prof. Nicola de Stefano
Fellowship Duration: 1 year

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Fellow: Veronica Popescu, MD

Research Topic: Investigating the long-term clinical predictability of atrophy. Further refinement of post-processing procedures obviating the need for manual correction and application to 3D data-sets

Fellowship Institution: MS Center Amsterdam, VU University Medical Center, Amsterdam, Netherlands

Mentor: Prof. Frederik Barkhof

Fellowship Duration: 1 year