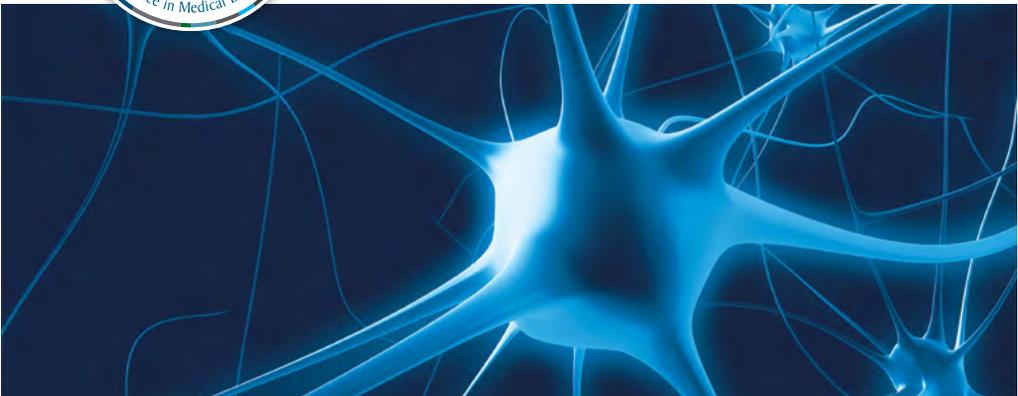




**Multiple sclerosis management:
the value of experience**
a Pre-MENACTRIMS workshop
23 November 2017 - Dubai, UAE

MENACTRIMS
Middle East North Africa Committee for
Treatment and Research in Multiple Sclerosis



Multiple Sclerosis management: the value of experience

a pre-MENACTRIMS workshop

Overview

Epidemiological studies and the availability of new technologies for diagnosing and treating multiple sclerosis (MS) have dramatically changed the management of the disease all over the world and in the Middle East. Therefore, there is an increasing need for continuous education about all aspects of MS management, from diagnosis to treatment. This workshop will update and share knowledge about these critical topics of multiple sclerosis, focusing on disease staging and on the risk/benefit profile of lifelong treatments.

Learning objectives

By attending this live educational workshop, participants will be able to:

- Illustrate MS diagnostic criteria and the key elements of differential diagnosis
- Explain treatment algorithms according to individual prognosis
- Describe risk/benefit profile of maintenance treatment and PIRT
- Illustrate how to manage cognitive impairment in clinical setting

Target audience

Neurologists involved in MS management coming from the Middle East and North Africa area.

Chairs

Jihad Inshasi

Neurology Department
Rashid Hospital
Dubai Health Authority (DHA)
Dubai, UAE

Bassem Yamout

Multiple Sclerosis Center
Clinical Research
American University of Beirut Medical Center
Beirut, Lebanon

This regional workshop is endorsed by MENActrims
(Middle East North Africa Committee for Treatment and Research in Multiple Sclerosis)



CME Provider

EXCEMED is a non-profit foundation dedicated, since the last four decades, to the development of high-quality medical education programmes all over the world. EXCEMED adheres to the guidelines and standards of the European Accreditation Council for Continuing Medical Education (EACCME®) which states that continuing medical education must be balanced, independent, objective, and scientifically rigorous.



Continuing Medical Education

EXCEMED (www.exced.org) is accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to provide the following CME activity for medical specialists. The EACCME® is an institution of the European Union of Medical Specialists (UEMS), www.uems.net

The CME "Multiple Sclerosis management: the value of experience a pre-MENACTRIMS workshop" held on 23 November 2017 in Dubai, UAE is designated for a maximum of **6 (six)** hours of European CME credits (ECMEC). Each medical specialist should claim only those credits that he/she actually spent in the educational activity. EACCME® credits are recognized by the American Medical Association (AMA) towards the Physician's Recognition Award (PRA). To convert EACCME® credit to AMA PRA category 1 credit, please contact the AMA.



EXCEMED adheres to the principles of the Good CME Practice group (gCMEp).



Venue

This workshop will take place at the:

Hotel Intercontinental Dubai Festival City

P.O. Box 45777

Dubai, United Arab Emirates

Language

The official language of this workshop will be English

CME Provider

EXCEMED - Excellence in Medical Education

Programme and Relations Manager: Serena Dell'Ariccia

T +39 06 420413 251 - F +39 06 420413 677

serena.dellariccia@excemed.org

Medical Advisor: Doriana Landi

doriana.landi@gmail.com

For any logistic inquiry, please contact:

Meridiano Congress International

Event Manager: David Slangen

T +39 06 88 595 250 - F +39 06 88595 234

david.slangen@meridiano.it

Follow us on



Faculty

Maria Pia Amato

Department of Neurological and
Psychiatric Sciences
University of Florence
Florence, Italy

Nicola De Stefano

Neurology and Neurometabolic Unit
Department of Neurological and Behavioral Sciences
University of Siena
Siena, Italy

Mark S. Freedman

Multiple Sclerosis Research Unit
The Ottawa Hospital
Ottawa, Ontario, Canada

Nikolaos C. Grigoriadis

Department of Neurology
Laboratory of Experimental Neurology
and Neuroimmunology
Multiple Sclerosis Center AHEPA University Hospital
Aristotle University of Thessaloniki
Thessaloniki, Greece

Jihad Inshasi

Neurology Department
Rashid Hospital
Dubai Health Authority (DHA)
Dubai, UAE

Peter Rieckmann

Neurorehabilitation Department
Paracelsus Private Medical University of Salzburg
Salzburg, Austria
and
Hospital for Nervous Diseases
Bischofswiesen, Germany

M. Ali Sahraian

MS Research Center
Neuroscience Institute
Tehran University of Medical Sciences
Tehran, Iran

Sven Schippling

CRPP Multiple Sclerosis
University of Zurich
Zurich, Switzerland

Patrick Vermersch

Department of Neurosurgery
CHU Lille, Université de Lille
Lille, France

Bassem Yamout

Multiple Sclerosis Center
Clinical Research
American University of Beirut Medical Center
Beirut, Lebanon

08.45 **Introduction and welcome**
J. Inshasi (UAE) - B. Yamout (Lebanon)

Session I Diagnosing and staging Multiple Sclerosis

- 09.00 **L1: Risk factors for MS: genes, environment, diet, urbanisation**
M.A. Sahraian (Iran)
- 09.30 **L2: Update on diagnostic criteria and differential diagnosis**
B. Yamout (Lebanon)
- 10.00 **L3: Clinical and MRI prognostic factors at onset and during treatment**
N. De Stefano (Italy)
- 10.30 **Coffee break**

Session II Treating Multiple Sclerosis

- 11.00 **L4: Treatment goals and unmet needs in MS today**
M.S. Freedman (Canada)
- 11.30 **L5: Individualised treatment in MS: efficacy of maintenance therapy and PIRT**
N.C. Grigoriadis (Greece)
- 12.00 **L6: Individualised treatment in MS: safety of maintenance therapy and PIRT**
P. Vermersch (France)
- 12.30 **Discussion**
- 13.00 **Lunch**

Session III Treating Multiple Sclerosis

- 14.00 **L7: Burden of treatment and health related quality of life**
P. Rieckmann (Germany)
- 14.30 **L8: Pharmacological and non pharmacological approach to cognitive impairment**
M.P. Amato (Italy)
- 15.00  **Interactive clinical cases session**
S. Schippling (Switzerland)
- 16.00  **Panel discussion**
- 16.30 **Concluding remarks**

End of the workshop

Legend

L: Lecture  : Case Case  : Panel discussion

Faculty disclosures

EXCEMED adheres to guidelines of the European Accreditation Council for Continuing Medical Education (EACCME®) and all other professional organizations, as applicable, which state that programmes 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 labeling/package insert for the product) may be presented in the programme (which may reflect clinical experience, the professional literature or other clinical sources known to the presenter). 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. Further, all opinions and recommendations presented during the programme and all programme-related materials neither imply an endorsement nor a recommendation on the part of EXCEMED. 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:

- Maria Pia Amato** Declared the receipt of grants and contracts from Biogen, Teva, Merck, Novartis, Sanofi and Almirall. She declared to be member of Biogen, Teva, Merck and Sanofi advisory board, board of directors or other similar groups
- Nicola De Stefano** Declared receipt of honoraria or consultation fees from Novartis, Merck, Sanofi, Genzyme, Roche and declared to be member of a company sponsored speaker's bureau: Novartis, Merck, Genzyme, Roche. He declared also to be member of a company advisory board, board of directors or other similar groups: Novartis, Merck, Roche
- Mark. S. Freedman** Declared the receipt of research or educational grants from Genzyme, the receipt of honoraria or consultation fees from Actelion, BayerHealthcare, BiogenIdec, Chugai, Clene Nanomedicine, EMD Canada, Genzyme, Merck Serono, Novartis, Hoffman La-Roche, Sanofi-Aventis, Teva Canada Innovation. He declared to be member of Actelion, BayerHealthcare, BiogenIdec, Hoffman La-Roche, Merck Serono, MedDay, Novartis, Sanofi-Aventis advisory board, board of directors or other similar groups. He also declared the participation in a Genzyme sponsored speaker's bureau
- Jihad Inshasi** Declared no potential conflict of interest

Peter Rieckmann Declared receipt of honoraria or consultation fees from Bayer, Boehringer, Merck, Biogen, Sanofi, Teva and Roche

Bassem Yamout Declared the receipt of grants and contracts from Merck, Bayer, Novartis, Biogen, Sanofi and declared the receipt of honoraria or consultation fees from Merck, Bayer, Novartis, Biogen, Sanofi, Roche

The following faculty have provided no information regarding significant relationship with commercial supporters and/or discussion of investigational or non-EMEA/FDA approved (off-label) uses of drugs as of 7 November 2017.

Nicolaos C. Grigoriadis
Sven Schippling
M. Ali Sahraian
Patrick Vermersch



Maria Pia Amato

Department of Neurological and
Psychiatric Sciences
University of Florence
Florence, Italy

Maria Pia Amato obtained her medical degree at the University of Florence (Italy) in 1983 and became a Board Certified Neurologist in 1987. She received a specific training in clinical epidemiology as a Research Fellow at the Johns Hopkins University, Baltimore (USA) and at the Erasmus University, Rotterdam (The Netherlands). She is Associate Professor of Neurology since 2004 and responsible for the MS Unit at the Department NEUROFARBA, Section of Neurosciences, University of Florence. Currently she is member of the Executive Committee of the European Committee for Treatment and Research on Multiple Sclerosis (ECTRIMS). She is actively involved in clinical research on MS, at both the national and international level, with focus on treatment, clinical epidemiology and neuropsychology of MS and has published more than 200 scientific papers in peer reviewed journals.



Nicola De Stefano

Neurology and Neurometabolic Unit
Department of Neurological and Behavioral Sciences
University of Siena
Siena, Italy

Nicola De Stefano is Associate Professor of Neurology at the Department of Medicine, Surgery and Neuroscience, University of Siena, Italy. He is also Head of the NeuroImaging Laboratory in the same Department; Adjunct Professor, Montreal Neurological Institute, McGill University, Canada; and Honorary Visiting Professor, Imperial College London, UK. Prof. De Stefano graduated with his MD degree from the University of Siena, Italy, and went on to undertake his internship. After successfully completing his residency in neurology, he went on to pursue postgraduate training overseas in Canada before returning to his alma mater where he obtained his PhD. Prof. De Stefano's current research interests lie in multiple sclerosis and other neurological diseases involving the brain white matter. In particular, he is a world renowned expert on the clinical application of new neuroimaging techniques in brain and muscle of patients with neurological disease. Prof. De Stefano is a member of several prestigious professional societies and organisations including the

American Academy of Neurology, the European Neurological Society, the Italian Society of Neurology, and the International Society for Magnetic Resonance in Medicine. Since 2009, he has been co-chairing the MAGNIMS European network for the study of magnetic resonance in multiple sclerosis.



Mark S. Freedman

Multiple Sclerosis Research Unit
The Ottawa Hospital
Ottawa, Ontario, Canada

Mark S. Freedman is Professor of Medicine (Neurology) at the University of Ottawa, Senior Scientist at the Ottawa Hospital Research Institute and Director of the Multiple Sclerosis Research Unit at the Ottawa Hospital-General Campus.

His extensive research includes molecular neurochemistry, cellular immunology, and clinical studies in MS. His basic science interest concerns immune mechanisms of damage in MS, with a particular interest in the role of the innate immune system such as gamma-delta T-cells. His main clinical interests are cell-based therapies for MS. He was the lead investigator of the Canadian Bone Marrow Transplant Study in MS and he co-heads an international study of mesenchymal stem cells for the treatment of MS. He is the current Treasurer of ACTRIMS.



Nikolaos C. Grigoriadis

Department of Neurology
Laboratory of Experimental Neurology
and Neuroimmunology
Multiple Sclerosis Center AHEPA University Hospital
Aristotle University of Thessaloniki
Thessaloniki, Greece

Nikolaos Grigoriadis is Professor of Neurology in the Medical School of the Aristotle University of Thessaloniki. He is the Head of the multi-disciplinary Multiple sclerosis Clinic and center and the Laboratory of Experimental Neurology and Neuroimmunology at the B' Dept of Neurology, AHEPA University Hospital (www.neuroimmunology.gr). He studied Medicine in the same Institution and did post-graduate studies in the Department of Neurology and Laboratory of Neuroimmunology, Hadassah Hebrew University, Jerusalem, in the field of experimental neuroimmunology and in the Brain Research Institute, Medical University of Vienna, in the field of Multiple Sclerosis immunopathology. Professor Grigoriadis is visiting professor of Hadassah University Hospital, member of the scientific committee of the European School of Neuroimmunology, member of the subcommittee of EAN for Multiple Sclerosis, Secretary of the Hellenic Academy for Neuroimmunology (www.helani.gr) and member of the ECTRIMS Committee (2008-2013), member of the

executive committee of ParadigMS and member of 3 international boards for MS. His fields of interest are Neuroimmunology; Multiple sclerosis; experimental models of autoimmune diseases (EAE etc); Autoimmunity; Neuroprotection; Immunomodulatory treatments; stem cells and autoimmune demyelination. He is principle investigator in 35 multicenter MS clinical trials and in 17 Experimental projects. Professor Grigoriadis is peer reviewer in over 40 scientific journals.



Jihad Inshasi

Neurology Department
Rashid Hospital
Dubai Health Authority (DHA)
Dubai, UAE

Jihad Inshasi is currently Consultant Neurologist at Rashid Hospital, Dubai Health Authority (DHA). He is Professor in Neurology in Dubai Medical College (DMC), A Fellow (FAAN) and Member in the American Academy of Neurology (AAN), and a Fellow (FEAN) and Member of the European Academy of Neurology (EAN). Dr. Inshasi was a Member of the European Neurology Society (ENS) and the European Federation of Neurological Society (EFNS). He is a Founding member, board Member and Head of scientific committee in Emirates Neurology Society (EMINS/EMA). He is a Founding member, board Member and ex-president of the Emirates League against Epilepsy (ILAE); as well a Founding executive board member of the Middle East and North Africa Committee of treatment and research in multiple sclerosis (MENACTRIMS). He is a Member and UAE-Delegate in the World Federation of Neurology (WFN) and (PAUNS). Dr. Inshasi authored many publications and presentations in peer review journal and congresses. He is Involved as principle

investigator in many research projects and drug trials. He is Member in many local, regional and international advisory boards committees.



Peter Rieckmann

Neurorehabilitation Department
Paracelsus Private Medical University of Salzburg
Salzburg, Austria
and
Hospital for Nervous Diseases
Bischofswiesen, Germany

Peter Rieckmann received his degree from the University of Göttingen. After a postdoctoral fellowship in molecular immunology at the NIH, Bethesda, he completed his training in Neurology at the National Institute for Nervous Disease, London and at the University of Göttingen. Prof. Rieckmann received German Board certification in Neurology. His academic and clinical positions include Senior (staff) Neurologist and Professor for Neurology, Dept. of Neurology, as well as head of the Clinical Research Group MS and Neuroimmunology, at the Julius-Maximilians University of Würzburg. In 2007 he became the MS Society of Canada Research Chair and Director of the MS Program and Full Tenured Professor at the University of British Columbia, Vancouver. Under his leadership the Vancouver MS clinical research program was awarded Western-Pacific Research and Training Center by the MS Society of Canada. He is a founding member of the EndMS campaign in Canada and was instrumental in establishing the Center for Brain Health at UBC in Vancouver (<http://www.centreforbrainhealth.ca>). In 2009 he became Chair of the Department of Neurology at the Academic Hospital in Bamberg and Professor of Neurology at the University of Erlangen. Since 2012 he serves as deputy medical director of the Academic Hospital in Bamberg. In the same year he started the MS in the 21 st century steering group, a think tank of international experts and people with MS working on innovative principles of MS care and patient engagement. Together

with colleagues from other specialties he raised funds for Germany's first Heart and Brain Center, which started its operation 2016 at Bamberg Academic Hospital. He was also the first acting director of this innovative, interdisciplinary center. Recently, Prof. Rieckmann became medical director and head of the Hospital for Nervous diseases at Medical Park Loipl/Bavaria to establish in cooperation with the Paracelsus Medical University in Salzburg (Austria) innovative concepts of neurorehabilitation. His major research interests are disease modifying factors and repair mechanisms in MS and stroke as well as improvement of rehabilitation strategies to facilitate plasticity and functional restoration. His clinical goals include enhancing awareness and education about MS and stroke, developing effective and properly resourced services for care (including digital remote monitoring), and providing more customised treatments. As a clinician scientist he is actively involved in different efforts to transfer bench results to clinical developments and serves on steering committees and advisory boards of various investigator initiated MS trials and international multi-centre studies (Phase II and III). Prof. Rieckmann is a Fellow of the Royal College of Physicians and Surgeons, Canada and holds several positions as visiting professor across the globe. He has received numerous awards-including Gerhard Hess prize of the German Research Association (DFG)-and research grants with over 250 papers to his credit in peer-reviewed medical journals.



M. Ali Sahraian

MS Research Center
Neuroscience Institute
Tehran University of Medical Sciences
Tehran, Iran

M. Ali Sahraian graduated from Shiraz University of Medical Sciences (Shiraz-Iran). He undertook board of neurology and fellowship in medical education from Tehran University of Medical sciences. Dr. Sahraian had a training in multiple sclerosis at University hospital Basel (Switzerland). He is currently professor of clinical neurology and the director of MS research center in Tehran University of Medical Sciences and vice-chancellor for Iranian MS society. He has served as an investigator on several clinical trials in neurology and has published more than 160 articles in peer-reviewed journals and presented abstracts on MS at international meetings. He has been invited to deliver several lectures on MR evaluations and disability assessment at different meetings on multiple sclerosis. He has published "MRI atlas of lesions in multiple sclerosis" and has been the author of "Multiple Sclerosis" chapter in Encyclopedia of Diagnostic Imaging. He is one of the authors of MRI Training CD-ROM which was translated into four

languages. Dr. Sahraian areas of interests are management of multiple sclerosis and neuromyelitis optica.



Sven Schippling

CRPP Multiple Sclerosis
University of Zurich
Zurich, Switzerland

Sven Schippling is currently Deputy Head of the Department of Neuroimmunology and Clinical Multiple Sclerosis Research (nims) at the University Hospital Zürich, Switzerland. He is also the Co-Director of the Clinical Research Priority Program MS (CRPPMS) and Consultant Neurologist at the Department of Neurology at University Hospital Zürich. He is a Senior Group Leader at the Neuroscience Center Zurich of the Federal Technical Highschool Zurich and the University of Zurich. Prior to this, he was Head of the first MS Day Clinic in Germany at the University Medical Center of Hamburg University, Germany. From 2005 to 2006 he was a Postdoctoral Research Fellow at the Institute of Neurology, University College London, UK and at the National Hospital for Neurology and Neurosurgery, London. Schippling's areas of special interest are clinical neuroimmunology, mainly within the fields of multiple sclerosis (MS) and neuromyelitis optica. His research focuses include multimodal imaging methods in

MS, such as magnetic resonance imaging and optical coherence tomography, transcranial magnetic stimulation and clinical trials including stem cell therapies in MS (haematopoietic and mesenchymal). He is also a member of the steering group for the "MS in the 21st Century" initiative, the multinational OCTIMS and BENEFIT11 trials and has authored numerous peer-reviewed publications.



Patrick Vermersch

Department of Neurosurgery,
CHU Lille, Université de Lille
Lille, France

Patrick Vermersch was born in Bergues (France) in 1962. He studied medicine at the University Hospital in Lille, where he graduated with a medical thesis concerning the relations between postural and oculomotor disturbances in Parkinson's disease. He then completed his education in more basic research, mainly in cellular biology between 1990 and 1994 with a PhD focused on biochemical abnormalities associated with Alzheimer's and other neurodegenerative diseases. He has also conducted research related to the characterisations of post-transcriptional anomalies of Tau proteins. His research interests then turned to multiple sclerosis (MS). He is head of one of the departments of neurology at the University of Lille, which deals with MS and other neuroinflammatory diseases. The department's principal scientific interests are neuroimmunology and markers of disease evolution. Prof. Vermersch is vice-dean of the faculty of medicine at the University of Lille. In the year 2000, he created, with some colleagues, the first MS network in northern France to improve both

care and research into MS. His current areas of interest are prognostic markers of MS and neuroimmunology in general. He participates in many therapeutic protocols on MS. He contributed as reviewer of many medical journals and as editorial board member of few of them. He has published approximately 350 scientific papers as author or co-author.



Bassem Yamout

Multiple Sclerosis Center
Clinical Research
American University of Beirut Medical Center
Beirut, Lebanon

Bassem Yamout is currently Professor of Clinical Neurology at the American University of Beirut Medical Center. He graduated from medical school at AUB in 1984, received his training in neurology at the University of Cincinnati-Ohio followed by a fellowship at the Montreal Neurological Institute-McGill University, and joined the faculty of the American University of Beirut in 1988. He is currently head of clinical research at the Multiple Sclerosis Center, president of MENACTRIMS, member of the MSIF Scientific Advisory Board, and fellow of the American Academy of Neurology.

Dr. Yamout is one of the leading experts on multiple sclerosis in the Middle East with recent research on epidemiology of the disease in the region, quality of life of patients in the Middle East, and novel therapies such as stem cell transplantation and venous stenosis. In addition he is currently the principal investigator on several ongoing international multiple sclerosis research trials. Dr. Yamout has authored many research and review papers and is

currently Chief Editor of the MS newsletter "MS today", and on the editorial board of "Multiple Sclerosis and Related Disorders", "Journal of Multiple Sclerosis" and "Pediatric Neurology".



LEARNING OBJECTIVES

All EXCEMED programmes are organized solely to promote the exchange and dissemination of scientific and medical information. No forms of promotional activities are permitted. There may be presentations discussing investigational uses of various products. These views are the responsibility of the named speakers, and do not represent an endorsement or recommendation on the part of EXCEMED. This programme is made possible thanks to an educational grant received from Merck KGaA, Darmstadt, Germany and San Raffaele Hospital, Milan, Italy.

Improving the patient's life through medical education

www.excedmed.org



EXCEMED - Excellence in Medical Education
14, Rue du Rhône, 1204 Geneva, Switzerland