

SCIENTIFIC PROGRAM

WEDNESDAY, SEPTEMBER 17, 2008

08.30-10.00	Teaching Course 1	Room 520A
	Overview of MS for the Non-Clinician Jointly sponsored with EndMS/MS Society of Canada Course organizer: Ruth Ann Marrie (Winnipeg, Manitoba, Canada)	
08.30	Introduction Ruth Ann Marrie	
08.50	MRI: terminology, diagnosis, uses in clinical trials Anthony Traboulsee (Vancouver, British Columbia, Canada)	
09.30	Disability scales in MS (EDSS/ MSFC) François Bethoux (Cleveland, Ohio, USA)	
08.30-10.00	Teaching Course 2	Room 520B
	MS Mimics: Identification and Treatment Course organizer: Brian Weinshenker (Rochester, Minnesota, USA)	
08.30	Introduction Brian Weinshenker	
08.40	Approach to identifying MS mimics Michael Hutchinson (Dublin, Ireland)	
09.05	Neuromyelitis optica and NMO spectrum disorders Brian Weinshenker	
09.25	Acute disseminated encephalomyelitis Brenda Banwell (Toronto, Ontario, Canada)	
09.45	Discussion/Questions	
08.30-10.00	Teaching Course 3	Room 520C
	Immunology of MS Jointly sponsored with FOCiS (Federation of Clinical Immunology Societies) Course organizer: Andrew Lichtman (Boston, Massachusetts, USA)	
08.30	Update on immunology Andrew Lichtman	
09.10	Update on autoimmunity Amit Bar-Or (Montréal, Québec, Canada)	
09.50	Questions and answers	
08.30-10.00	Teaching Course 4	Room 524B
	MS Genetics and Epidemiology Course organizer: Jorge Oksenberg (San Francisco, California, USA)	
08.30	Introduction Jorge Oksenberg	
08.35	The environment and MS Alberto Ascherio (Boston, Massachusetts, USA)	
09.00	Genome-wide association studies in MS Stephen Sawcer (Cambridge, United Kingdom)	
09.25	Beyond SNPs and transcripts: pathways and networks analysis in MS Sergio Baranzini (San Francisco, California, USA)	
09.50	Questions and answers	

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08.30-10.00	Teaching Course 5	Room 524C
	<p>Diagnosis of MS and Monitoring Treatment: Application of Conventional MRI Jointly sponsored with MAGNIMS (Magnetic Imaging in MS) Course organizer: Xavier Montalban (Barcelona, Spain)</p>	
08.35	<p>MRI protocol and indications David Li (Vancouver, British Columbia, Canada)</p>	
08.50	<p>Clinically isolated syndromes: update on MRI criteria Alex Rovira (Barcelona, Spain)</p>	
09.05	<p>Spinal cord MRI : Clinical applications and technical issues David Miller (London, United Kingdom)</p>	
09.20	<p>Atypical MRI presentations Franz Fazekas (Graz, Austria)</p>	
09.35	<p>Predicting treatment response to interferon using MRI Jack Simon (Denver, Colorado, USA)</p>	
09.50	<p>Questions and answers</p>	
10.00-10.30	Coffee Break	Foyer outside Rooms 520 and 524
10.30-12.00	Teaching Course 6	Room 520A
	<p>Overview of MS for the Non-Clinician (continued) Jointly sponsored with EndMS/MS Society of Canada Course organizer: Ruth Ann Marrie (Winnipeg, Manitoba, Canada)</p>	
10.30	<p>Immunology: terminology, relation to current medications, and medications under study Nathalie Arbour (Montréal, Québec, Canada)</p>	
11.15	<p>Cognition in MS: focus on issues in trials John Fisk (Halifax, Nova Scotia, Canada)</p>	
11.45	<p>Perspective on who gets MS and their issues Video presentation</p>	
11.55	<p>Questions and answers/Closing remarks Ruth Ann Marrie</p>	
10.30-12.00	Teaching Course 7	Room 520B
	<p>MS Treatments: Conventional, Emerging, Rescue Course organizer: Hillel Panitch (Burlington, Vermont, USA)</p>	
10.30	<p>Conventional therapies Hillel Panitch</p>	
10.55	<p>Emerging therapies Timothy Vollmer (Denver, Colorado, USA)</p>	
11.30	<p>Rescue therapies Brian Weinshenker (Rochester, Minnesota, USA)</p>	
11.55	<p>Questions and answers</p>	

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10.30-12.00	Teaching Course 8	Room 520C
	Pathology of MS: Fundamentals and New Ideas Course organizer: Samuel Ludwin (Kingston, Ontario, Canada)	
10.30	New information on inflammatory changes in MS Hans Lassman (Vienna, Austria)	
10.55	Axonal and cortical changes in MS Wolfgang Brück (Göttingen, Germany)	
11.30	Remyelination in MS: mechanisms, assessment, and therapeutic potential Samuel Ludwin	
11.55	Questions and answers	
10.30-12.00	Teaching Course 9	Room 524B
	MS and Vision: The Disease in Microcosm Course organizer: Peter Calabresi (Baltimore, Maryland, USA)	
10.30	Pupils and ocular motility Elliot Frohman (Dallas, Texas, USA)	
10.55	Visual acuity and OCT Laura Balcer (Philadelphia, Pennsylvania, USA)	
11.30	OCT and axon degeneration Peter Calabresi	
11.55	Questions and answers	
10.30-12.00	Teaching Course 10	Room 524C
	Understanding Disability: Advanced MRI Techniques Jointly sponsored with MAGNIMS (Magnetic Imaging in MS) Course organizer: Frederik Barkhof (Amsterdam, Netherlands)	
10.35	Brain atrophy in MS: technique and interpretation Hugo Vrenken (Amsterdam, Netherlands)	
10.50	Understanding disability: combined MTR, spectroscopy, and diffusion Claudia Leite (Sao Paulo, Brazil)	
11.05	Primary progressive MS: relevance of MRI Jerry Wolinsky (Houston, Texas, USA)	
11.20	MR spectroscopy Nicola De Stefano (Sienna, Italy)	
11.35	Funcional plasticity: fMRI Mara Rocca (Milan, Italy)	
11.50	Questions and answers	
12.00-13.00	Lunch	Les Jardins, 7th floor

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12.30-14.00		Satellite Symposium – European Charcot Foundation	Room 517D
		Methylation and Remyelination: Epigenetic Activation of Remyelination in Adult Brain Moderators: Fabrizio Mastronardi (Toronto, Ontario, Canada) and Otto Hommes (Nijmegen, Netherlands)	
12.30		Welcome and introduction Otto Hommes and Fabrizio Mastronardi	
12.40		Modification of DNA by methylation: environment and the epigenome Moshe Szyf (Montréal, Québec, Canada)	
13.00		Epigenetic memory loss in aging oligodendrocytes: a message for multiple sclerosis Patrizia Cassacia-Bonnefil (Newark, New Jersey, USA)	
13.20		Exogenous methylation and the suppression of murine demyelinating disease: a new strategy for treatment of MS Fabrizio Mastronardi	
13.40		Discussion	
14.00-15.30		Young Researchers Session 1	Room 517D
		Co-Chairs: Jeffrey Cohen (Cleveland, Ohio, USA) and Axel Petzold (London, United Kingdom)	
14.00	1	Assessment of Theory of Mind and emotions in multiple sclerosis Audrey Henry (Reims, France)	
14.15	2	Magnetic resonance and neuropsychological features can help to predict further disease course in benign multiple sclerosis patients Emilio Portaccio (Florence, Italy)	
14.30	3	Increased cerebrospinal fluid osteopontin concentrations in attacks of multiple sclerosis Lars Bornsen (Copenhagen, Denmark)	
14.45	4	Serum 25-hydroxyvitamin D status as a determinant of multiple sclerosis outcome following an initial demyelinating event in children Heather Hanwell (Toronto, Ontario, Canada)	
15.00	5	Altered fMRI activity in hippocampal subregions during verbal learning in multiple sclerosis Kyle Kern (Los Angeles, California, USA)	
15.15	6	Specific CNS recruitment and suppressive function of HLA-G expressing regulatory T cells in the target organ of patients with multiple sclerosis Yu-Hwa Huang (Wuerzburg, Germany)	
14.30-15:30		Sponsored Satellite Symposium – sanofi-aventis	Room 517A
		Teriflunomide: Progress in the Development of an Oral Medication for Multiple Sclerosis Co-Chairs: Paul O'Connor (Toronto, Ontario, Canada) and Ludwig Kappos (Basel, Switzerland)	
14.30		Welcome and Introduction Ludwig Kappos and Paul O'Connor	
14:35		Rationale for development: mechanism of action and pre-clinical research Reinhard Hohlfeld (Munich, Germany)	
14:50		Clinical data Mark Freedman (Ottawa, Ontario, Canada)	
15:05		Teriflunomide development plan; moving forward Aaron Miller (New York, New York, USA)	
15:20		Questions and answers	
15.30-16.00		Coffee Break	Foyer outside Rooms 520 and 524

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16.00-17.15		Young Researchers Session 2	Room 517D
		Co-Chairs: Michael Racke (Columbus, Ohio, USA) and Maria Trojano (Bari, Italy)	
16.00	7	Double impact: TWIK-related acid sensitive potassium channel 1 modulates inflammation and neurodegeneration in autoimmune inflammation of the central nervous system Sven Meuth (Wuerzburg, Germany)	
16.15	8	MCAM/CD146 an adhesion molecule of the vasculature, defines a unique T lymphocyte subgroup and is potentially involved in lymphocyte migration to the central nervous system Romain Cayrol (Montréal, Québec, Canada)	
16.30	9	Diffuse inflammatory changes in multiple sclerosis normal-appearing white matter Marco Vercellino (Turin, Italy)	
16.45	10	USPIO-enhanced magnetic resonance imaging demonstrates diffuse inflammation in multiple sclerosis normal-appearing white matter Machteld Vellinga (Amsterdam, Netherlands)	
17.00	11	Identification of a factor inhibiting nucleocytoplasmic transport and differentiation within preserved oligodendrocyte precursor cells in multiple sclerosis: a possible cause for remyelination failure Jin Nakahara (Tokyo, Japan)	
16.00-17.00		Sponsored Satellite Symposium - MS Forum	Room 520
		Issues in MS Diagnosis	
16:00		Welcome, introduction, and pretest questions Douglas Goodin (San Francisco, California, USA)	
		Case Based Presentations:	
16.05		Myelitis 1 Ernest Willoughby (Auckland, New Zealand)	
16.25		Myelitis 2 Xavier Montalban (Barcelona, Spain)	
16.45		Posttest questions Douglas Goodin	
16.50		Panel discussion/Questions and answers	
17.30 -18.30		Sponsored Satellite Symposium - Bayer HealthCare	Room 517A
		Contemporary Approaches to MS Management Chair: Mark Freedman (Ottawa, Ontario, Canada)	
		The symposium is arranged as an expert panel discussion. Neurologists from the four corners of the world will have the chance to voice their questions directly from their hospital desk to the panel of MS experts, who will then take on and discuss these challenges directly.	
		Panelists: Xavier Montalban (Barcelona, Spain) Flavia Nelson (Houston, Texas, USA) Anthony Traboulsee (Vancouver, British Columbia, Canada) Alberto Alain Gabbai (Sao Paulo, Brazil) Ching-Piao Tsai (Taipei, Taiwan)	
18.30-20.00		Congress Welcome Reception in Exhibit Hall	Room 220