
Multiple Sclerosis & Related Disorders

A Comprehensive Review

2026

SEPTEMBER 26, 2026

**The Sunny Hotel
Sunny Isles Beach**

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Sponsored by:



UNIVERSITY OF MIAMI
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of MEDICINE

Presented by: **MS Center of Excellence** | **Department of Neurology**

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COURSE OVERVIEW

Multiple Sclerosis and Related Disorders: A Comprehensive Review 2026 is a comprehensive, clinically focused educational program designed to provide healthcare professionals with the latest advances in the diagnosis, monitoring, and management of multiple sclerosis (MS), neuromyelitis optica spectrum disorder (NMOSD), autoimmune encephalitis, and related neuroimmunologic disorders. The conference will highlight emerging scientific discoveries, evolving disease concepts, and therapeutic innovations that are reshaping clinical practice and improving patient outcomes.

The treatment landscape for MS and NMOSD continues to expand at an unprecedented pace. This program will provide participants with an in-depth review of emerging therapies, including Bruton's tyrosine kinase (BTK) inhibitors, B-cell-depleting therapies, complement inhibitors, and cell-based treatments. Faculty will examine recent clinical trial data, including updates from major international neuroimmunology meetings, and discuss the practical application of these therapies, with emphasis on treatment selection, safety monitoring, risk mitigation, and individualized patient care. Special attention will be given to therapeutic approaches for progressive disease, an area that remains a significant challenge in neuroimmunology.

Advances in diagnostic and monitoring technologies are also transforming the care of patients with MS and related disorders. Participants will explore the clinical utility of quantitative MRI measures, including brain atrophy and brain age metrics, as well as emerging biomarkers and antibody testing strategies that can aid in diagnosis, prognostication, and treatment monitoring. Faculty will discuss how these tools can be integrated into routine clinical practice to support a more personalized approach to patient management and long-term brain health preservation.

The course will address a variety of complex clinical scenarios frequently encountered in neuroimmunology practice. Dedicated sessions will examine pregnancy and assisted reproduction in MS and NMOSD, management of patients with HIV-associated neuroimmunologic disease, immunization strategies for individuals receiving disease-modifying therapies, pediatric demyelinating disorders, and the evolving field of autoimmune encephalitis. These sessions will provide evidence-based guidance for navigating challenging clinical decisions while balancing efficacy, safety, and quality of life considerations.

Recognizing that optimal care extends beyond pharmacologic treatment alone, the program will also explore the role of lifestyle medicine in neuroimmunology, including exercise, nutrition, mental health, and other modifiable factors that influence disease progression and patient well-being. Additional discussions will focus on healthcare access, pharmacoeconomics, and strategies for improving treatment affordability and adherence in an increasingly complex healthcare environment.

Interactive case-based presentations, expert panel discussions, and audience engagement opportunities will allow participants to apply current evidence to real-world clinical scenarios. By combining cutting-edge science with practical clinical insights, this conference aims to enhance knowledge, competence, and performance in the care of individuals living with MS and related neuroimmunologic disorders.

TARGET AUDIENCE

This activity is designed for neurologists, neuroimmunologists, pediatric neurologists, neuro-ophthalmologists, neurosurgeons, psychiatrists, primary care physicians, internists, hospitalists, nurse practitioners, physician assistants, nurses, pharmacists, psychologists, researchers, fellows, residents, and other healthcare professionals involved in the diagnosis, treatment, and long-term management of patients with multiple sclerosis (MS), neuromyelitis optica spectrum disorder (NMOSD), autoimmune encephalitis, and related neuroimmunologic disorders. The program is also appropriate for healthcare providers seeking to enhance their knowledge of emerging therapies, advanced imaging applications, pregnancy and reproductive health considerations, vaccination strategies, lifestyle interventions, and evidence-based approaches to optimizing outcomes in patients with complex neuroimmune diseases.

OBJECTIVES

BTK Inhibitors and Emerging Therapies in Multiple Sclerosis

- Explain the role of Bruton's tyrosine kinase (BTK) in B-cell activation and its relevance to immune-mediated neurologic disease.
- Evaluate the clinical efficacy, safety considerations, and appropriate patient selection for BTK inhibitor therapies in relapsing and progressive multiple sclerosis.
- Examine emerging therapeutic strategies, including cell-based therapies and CAR T-cell approaches, for patients with multiple sclerosis and related disorders.
- Assess the evolving role of B-cell-depleting therapies and other novel immunotherapies in the management of MS and NMOSD.

Advanced Imaging and Disease Monitoring

- Differentiate normal age-related brain volume loss from accelerated neurodegeneration associated with multiple sclerosis.
- Evaluate the clinical utility of brain age, brain atrophy metrics, paramagnetic rim lesions, and slowly expanding lesions in disease monitoring and prognosis.
- Integrate quantitative imaging findings into treatment decisions, patient counseling, and long-term management strategies.

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Special Populations and Complex Clinical Scenarios

- Distinguish the differing effects of pregnancy on disease activity and outcomes in multiple sclerosis and neuromyelitis optica spectrum disorder.
- Assess evidence-based approaches to fertility treatment, family planning, conception, pregnancy, and lactation in patients with MS and NMOSD.
- Analyze the interactions between HIV infection and multiple sclerosis and apply this knowledge to individualized patient management.
- Develop vaccination strategies that optimize safety and immune protection in patients receiving disease-modifying therapies.

Autoimmune Encephalitis and Neuroimmunology Updates

- Recognize the clinical presentations of autoimmune encephalitis and apply appropriate diagnostic and immunotherapeutic approaches.
- Evaluate emerging antibody testing and diagnostic strategies used in the assessment of autoimmune neurologic disorders.
- Apply current evidence to improve the diagnosis and management of complex neuroimmunologic diseases.

Neuromyelitis Optica Spectrum Disorder (NMOSD)

- Review recent advances in the treatment of NMOSD, including complement inhibition and other targeted immunotherapies.
- Assess the efficacy, safety, and clinical application of emerging therapies designed to reduce relapse risk and disability in NMOSD.

Comprehensive MS Care and Patient Outcomes

- Integrate evidence-based lifestyle interventions, including nutrition, exercise, and mental health strategies, into comprehensive MS care.
- Apply evidence-based recommendations regarding supplements and wellness strategies to support neurologic health.
- Incorporate pharmacoeconomic principles and healthcare navigation strategies to improve treatment access, affordability, adherence, and patient outcomes.

ACCREDITATION

The University of Miami Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **7.0 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE AND CONFLICT OF INTEREST MITIGATION

All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and mitigated prior to this educational activity being provided. Disclosure about provider and faculty relationships, or the lack thereof, will be provided to learners.

FOR MORE INFORMATION:

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AGENDA **Saturday, September 26, 2026**

7:30 AM - 7:55 AM **Breakfast and Registration**

8:00 AM - 8:05 AM **Welcome Address**
Leticia Torres, MD

BTK Inhibitors Symposium

8:05 AM - 8:30 AM **Biology of BTK Inhibitors**
Kottli W. Rammohan, MD, PhD

8:30 AM - 9:15 AM **Fenebrutinib in RRMS and SPMS**
Amit Bar-Or, MD

9:15 AM - 9:30 AM **Panel Discussion**
Moderator: Ramon Flores Gonzalez
Panelists: Amit Bar-Or, MD, PhD
Kottli W. Rammohan, MD, PhD

9:30 AM - 10:00 AM **Coffee Break & Visit Exhibits (non-CME)**

Advanced Imaging in Clinical Practice

10:00 AM - 10:25 AM **Brain Age - Usefulness in Clinical Practice**
Ramon Flores Gonzalez, MD, PhD

10:25 AM - 10:50 AM **Paramagnetic Rim Lesions and Slowly Expanding Lesions**
Jullana Borja, MD

10:50 AM - 11:00 AM **Panel Discussion**
Moderator: Flavla Nelson, MD
Panelists: Ramon Flores Gonzales, MD, PhD
Jullana Borja, MD

MS and Related Disorders in Special Populations

11:00 AM - 11:25 AM **IVF and Pregnancy in NMOSD**
Leticia Torres, MD

11:25 AM - 11:55 AM **MS with HIV**
Joseph Berger, MD

11:55 AM - 12:25 PM **Immunizations and use of DMTs in MS and NMOSD**
Amit Bar Or, MD

12:25 PM - 12:30 PM **Session Q&A**

12:30 PM - 1:30 PM **Lunch**

DMT Treatment Options

1:30 PM - 1:55 PM **Treatment in Autoimmune Encephalitis**
Micheline McCarthy, MD, PhD

1:55 PM - 2:20 PM **CAR-T in PMS**
Flavla Nelson, MD

2:20 PM - 2:45 PM **Updates in B-Cell Depleting Therapy**
Janice Leon, MD

2:45 PM - 2:50 PM **Session Q&A**

2:50 PM - 3:20 PM **Coffee Break & Visit Exhibits (non-CME)**

Beyond DMTs

3:20 PM - 3:45 PM **Beyond DMTs. Diet and Exercise**
Crystal Dixon, MD

3:45 PM - 4:10 PM **Complementary and Alternate Therapies**
Melissa Ortega, MD

4:10 PM - 4:35 PM **Pharmacoeconomics of MS**
Joseph Berger, MD

4:35 PM - 4:50 PM **Panel Discussion**
Moderator: Leticia Torres, MD
Panelists: Melissa Ortega, MD; Joseph Berger, MD

4:50 PM - 5:00 PM **Q&A and Adjourn**

HOTEL **The Sunny Hotel**

16701 Collins Avenue
Sunny Isles Beach, FL 33160

SPECIAL CONFERENCE GROUP RATE

A block of rooms has been reserved for the conference participants at a discounted rate:

- US \$269/night plus applicable taxes and resort fee.

Room rate includes:

- Beach access
- Beach towels
- Two beach chairs per day
- 24-hour fitness center access
- Additional hotel amenities as offered through the resort fee program

RESERVATIONS

Room reservations will be made by individual attendees by clicking on the following **direct link** to online reservations or call 954-874-444 before August 27, 2026. You must reference UM Multiple Sclerosis 2026 Conference to attain the group rate.

PARKING RATES

- Special Event Valet Parking (\$20 per car, per day – For non-overnight Guests Only)
- Overnight Valet Parking (\$50 per car, per night)

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