

Updates in the Field of Multiple Sclerosis

Thursday, May 8, 2025, 8:00 AM — 4:30 PM EST
In-Person | Livestreamed via Zoom at Yale West Campus, CT



Photo: Peter Vanderwalker

MS is the most common neurological disease to cause disability in young adults. More than one million people are living with MS in the US today. The field of multiple sclerosis is continually advancing as we improve our understanding of the disease and refine our approach to management.

There have been major updates over the past several years to the understanding of disease phenotype, approach to treatment, and improvements in imaging modalities. This symposium will update providers on these changes to enable improved clinical care and patient outcomes.

RSVP & DETAILS:

yale.cloud-cme.com/MS2025

CONTACT:

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PROGRAM OVERVIEW

Check-in & Breakfast (*in-person registrants*)
8:00 AM—8:30 AM

Lectures
8:30 AM—4:30 PM

Lunch Break (*provided for in-person registrants*)
12:10 PM

6.25 AMA PRA Category 1 Credits™

SYMPOSIUM DIRECTORS & SPEAKERS

COURSE DIRECTORS

Aaron Bower, MD

Assistant Professor
Yale School of Medicine

David A. Hafler MD, FANA

William S. and Lois Stiles Edgerly
Professor of Neurology and
Professor of Immunobiology
Chair, Department of Neurology
Yale School of Medicine
Neurologist-in-Chief,
Yale New Haven Hospital

Erin Longbrake MD, PhD, FAAN

Associate Professor of Neurology
Program Director, Neuroimmunology
Fellowship
Director, Clinical Research in
Neuroimmunology
Yale School of Medicine

Annalisa Morgan, MD

Clinical Fellow
Yale School of Medicine

SPEAKERS

Peter Calabresi, MD

Professor of Neurology
Director, Division of Neuroimmunology
Director, The Johns Hopkins Multiple Sclerosis Center
Johns Hopkins School of Medicine

Maria Houtchens, MD

Associate Professor of Neurology
Brigham and Women's Hospital

Ellen Mowry, MD, MCR, FAAN, FANA

Professor of Neurology
Director, Multiple Sclerosis Experimental Therapeutics Program
Co-Director, MS Precision Medicine Center of Excellence
Associate Program Director, Neuroimmunology and Neurological Infectious Disease Fellowship
Johns Hopkins School of Medicine

Daniel S. Reich, MD, PhD

Professor Adjunct
Yale School of Medicine
Senior Investigator and Chief, Translational Neuroradiology Section, NINDS

Brian Hafler, MD, PhD

Associate Professor of Ophthalmology and Visual Science
Yale School of Medicine

David Pitt, MD

Associate Professor of Neurology
Yale School of Medicine

Bruce Trapp, PhD

Chairman, Department of Neurosciences
The Morris R. and Ruth V. Graham Endowed Chair in Biomedical Research
Professor in Molecular Medicine
CCLCM-CWRU

AGENDA *subject to change*

- 8:00 AM Registration and Continental Breakfast
- 8:30 AM Welcome and Introduction
Annalisa Morgan, MD and Aaron Bower, MD
- 8:40 AM Overview of MS Pathophysiology / Genetics
David A. Hafler MD, FANA
- 9:20 AM Epidemiology in MS
Ellen Mowry, MD, MCR, FAAN, FANA
- 10:00 AM Neuropathology of Different MS Phenotypes
Bruce Trapp, MD
- 10:40 AM Refreshments/ Break
- *Special Highlight: Neurodegeneration in MS*
- 10:50 AM Toward Microglial Modulation in MS
Daniel S. Reich, MD, PhD
- 11:20 AM Common Mechanisms of Neurodegenerative Disease
Brian Hafler, MD, PhD
- 11:35 AM Astrocyte-derived Exosomes as a Biomarker for MS Progression
David Pitt, MD
- 11:50 AM Panel Discussion
Daniel S. Reich, MD, PhD, Brian Hafler, MD, PhD, and David Pitt, MD
Moderator: Peter Calabresi, MD
- 12:10 PM Lunch
- 1:15 PM Breakout Sessions– Case Studies in M.S.
Multiple Moderators
- 2:15 PM OCT Use in MS
Peter Calabresi, MD
- 2:55 PM Updates in MS Clinical Trials
Erin Longbrake, MD, PhD, FAAN
- 3:35 PM Reproductive Considerations in MS
Maria Houtchens, MD
- 4:15 PM Closing Remarks
- 4:30 PM Adjournment

LEARNING OBJECTIVES

At the conclusion of this program, the participants should be able to:

- Explore the biologic basis of disease and the impact of environmental factors on the development and progression of multiple sclerosis.
- Review the new 2024 McDonald diagnostic criteria for multiple sclerosis.
- Gain insight into the appropriate use of neuroimaging techniques for diagnosing and monitoring disease progression in multiple sclerosis patients.
- Navigate the use of immunomodulatory medications across different phases of multiple sclerosis.
- Increase awareness of newly available medications for treating multiple sclerosis.
- Enhance understanding of reproductive considerations related to multiple sclerosis and its common treatments.

REGISTRATION FEES

Registration fee* includes breakfast, refreshment break, and lunch:

CATEGORY	In-Person	Virtual
Physician	\$200	\$200
Nurse/PA/Allied Health Professional	\$100	\$100
Non-Yale Resident/Fellow/Student	\$50	\$50
Yale Resident/Fellow/Student	\$0, registration required	\$0, registration required
Yale Neuro Staff	\$0, registration required	\$0, registration required

**All cancellations must be received in writing (or via e-mail) at least one week prior to the start of the conference to receive a refund. Any requests for refunds received after this date, or by telephone, will not be honored.*

†A letter of verification from department head must accompany registration. Letter should be sent separately to Yale CME at cme@yale.edu

RECEPTION

We invite all registered attendees to join us for the “Meet the Experts” Reception on the evening before the 2025 Updates in Multiple Sclerosis Symposium, May 7, 2025, from 5:30–8 PM at Homewood Suites, Orange, CT. Enjoy hors d'oeuvres and complimentary beer and wine while networking with distinguished speakers and key opinion leaders in the field of multiple sclerosis. This is a fantastic opportunity to connect with speakers and fellow attendees ahead of the symposium.

[Homewood Suites by Hilton](#), located just a 3-minute drive from the Yale Campus Conference Center, offers a special Yale rate of \$169.00. Please mention the event title and location when booking.

RSVP:

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CME INFORMATION

Accreditation Statement

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation Statement

Yale School of Medicine approves this live activity for a maximum of **6.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Policy

It is the policy of Yale School of Medicine, Continuing Medical Education (CME), to ensure balance, independence, objectivity, and scientific rigor in all its educational programs. All individuals involved in the development and presentation of Accredited Continuing Education activities

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Financial Statement

The Yale School of Medicine Department of Neurology, Section of Neuroimmunology/ Multiple Sclerosis is grateful to its supporters. They are acknowledged in all conference materials.