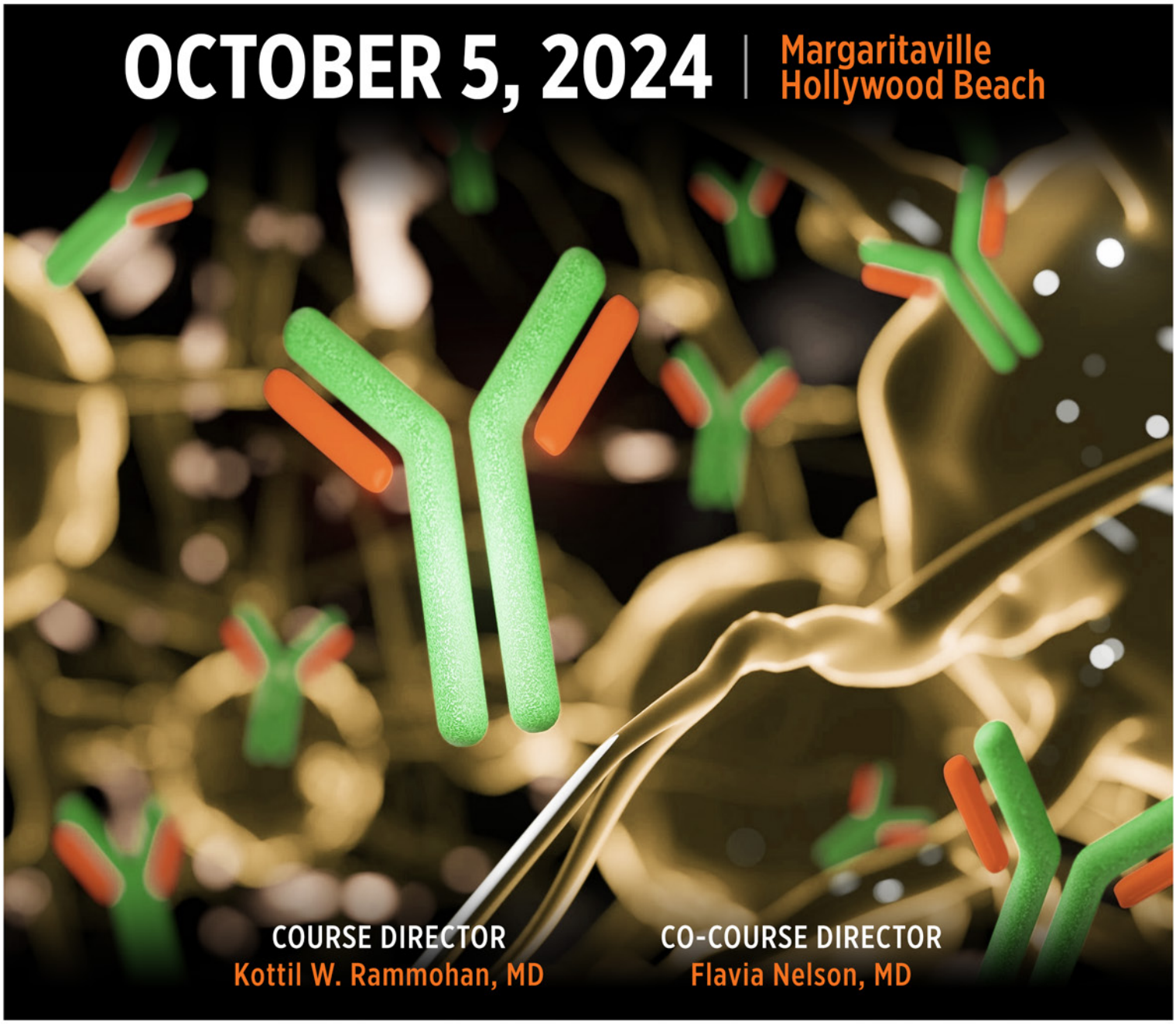
Neuromyelitis Optica Spectrum Disorders 2024

UPDATE ON DIAGNOSIS & THERAPY



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Presented by: MS Center of Excellence | Department of Neurology

Registration and information: www.cme.med.miami.edu

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COURSE OVERVIEW

This course will focus on an emerging spectrum of antibody-driven CNS autoimmune disorders that attack the brain and spinal cord, Neuromyelitis Optica Spectrum Disorders (NMOSD) and myelin oligodendrocyte glycoprotein antibody disease (MOGAD). As recent emerging disorders, NMOSD and MOGAD are being recognized as distinct from multiple sclerosis (MS) and other demyelinating neurological disorders. This distinction is critical not only from a diagnostic standpoint but also from a therapeutic one since treatment of these disorders as multiple sclerosis can do harm and worsen these otherwise distinct entities.

The goal of this course is to increase awareness of NMOSD and MOGAD and facilitate early diagnosis and therapy.

Difficult diagnostic and therapeutic problems exemplified by real-life cases will be presented, including an exchange of information between faculty and attendees with case presentations, dedicated discussions, question and answer sessions and panel discussions.

TARGET AUDIENCE

The course is aimed primarily at general neurologists, pediatric neurologists, neuro ophthalmologists, neurosurgeons, neuro-oncologists, psychiatrists, internists, hospitalists, intensivists, fellows, residents, nurses, pharmacists and allied healthcare professionals that participate in the care of neurological patients. General practitioners will find the topics timely and useful.

Pharmacists will find the course helpful since all the three approved therapies are complicated, and a knowledge of these therapies will facilitate better care. Neuro-oncologists and neurosurgeons will particularly find the course educational since acute tumefactive lesions seen in NMOSD can be mistaken for tumors and result in avoidable surgeries and biopsies.

LEARNING OBJECTIVES

At the completion of the course, attendees will be able to:

- Develop a clinical plan to identify and diagnose early features suggestive of Neuromyelitis Optica Spectrum Disorders (NMOSD) based on knowledge of the current diagnostic criteria and how these differ from criteria to diagnose MS or other CNS autoimmune disorders.
- Consider neuroimmunologic mechanisms of action, the pathogenetic role of complement, and evidence for efficacy to assess the risk versus benefit of available and pending disease modifying therapy (DMT) for NMOSD.
- Recognize and differentiate between the clinical presentations of optic neuritis that are more likely to involve anti-MOG antibodies compared to other causes, such as neuromyelitis optica spectrum disorder (NMOSD) or multiple sclerosis.
- Distinguish the key clinical features that differentiate NMOSD from MOGAD, with a particular focus on the characteristic manifestations and diagnostic criteria of each disorder.

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:

www.cme.med.miami.edu
Division of Continuing Medical Education
Tel: 305-243-8385 / cme@med.miami.edu

Registration and information: www.cme.med.miami.edu

Margaritaville
Hollywood Beach

COURSE DIRECTOR

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Emeritus Professor of Neurology
Emeritus Director, Multiple Sclerosis Center of Excellence
Department of Neurology
Director, North American Registry for Care and Research in Multiple Sclerosis (NARCRMS)
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Department of Neurology

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AGENDA

SIMULTANEOUS SESSION I: SCIENTIFIC/CLINICAL PROGRAM

7:30-8:00 AM **Breakfast and Registration**

8:00-8:20 AM **Discovery of Aquaporin 4 (AQP4) as a Biomarker for NMOSD**
Kottil W. Rammohan, MD

8:20–8:40 AM **AQP4 Antibody: Enzyme Linked Immunosorbant Assay (ELISA) or Cell-Based Assay?**
Jeffrey Bennett, MD (Invited)

8:40-9:00 AM **Diagnostic Criteria for NMOSD**
Ramon Flores Gonzalez, MD

9:00-9:40 AM **KEYNOTE ADDRESS: Immunopathogenesis of NMOSD and MOGAD**
Jeffrey Bennett, MD (Invited)

9:40-10:00 AM **Clinical Characteristics: Six Core Clinical Syndromes of AQP4 Disease**
Silvia Delgado, MD

10:00-10:20 AM **Discussion and Q&A**

10:20 -10:50 AM **Coffee Break**

10:50-11:10 AM **Optic Neuritis and Myelopathy Associated with Myelin Oligodendrocyte Glycoprotein Antibody-Associated Disease (MOGAD)**
Hong Jiang, MD, PhD

11:10-11:30 AM **Utility of MRI in NMOSD and MOGAD Management**
Flavia Nelson, MD

11:30-11:50 PM **Epidemiology of NMOSD and MOGAD**
Farren B. Briggs, PhD

11:50-12:10 PM **Discussion and Q&A**

12:10-12:50 PM Lunch

12:50-1:10 PM **Therapeutic Options in MOGAD**
Melissa Ortega, MD

1:10-1:30 PM **Therapeutic Options in NMOSD: Complement Biology and Anti-C5 Therapies**
Crystal Dixon, MD

1:30-1:50 PM **Therapeutic Options in NMOSD: B-Cell Depletion**
Kottil W. Rammohan, MD

1:50-2:10 PM **Therapeutic Options in NMOSD: Anti-IL6R Therapy**
Micheline McCarthy, MD, PhD

2:10-2:30 PM **Bone Marrow Transplantation in NMOSD**
Flavia Nelson, MD

2:30-3:00 PM **Coffee Break**

3:00-3:20 PM **COVID-19 and NMOSD/MOGAD**
Jeffrey Hernandez, DNP, APRN

3:20-3:40 PM **Pregnancy and Fertility in NMOSD**
Leticia Tornes, MD

3:40-4:00 PM **Mortality in NMOSD**
Stephanie Caceres Picon, MD

4:00-4:40 PM **Case Presentations**
Moderator: Kottil W. Rammohan, MD
Panelists: All Faculty

4:40-4:50 PM **Closing Remarks**

4:50 PM **Conference adjourns**

**Agenda is subject to change

Registration and information: www.cme.med.miami.edu

Margaritaville
Hollywood Beach

HOTEL

MARGARITAVILLE HOLLYWOOD BEACH

1111 N. Ocean Drive
Hollywood, FL 33019
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SPECIAL CONFERENCE RATE

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

- US $259/night for Single/Double Room

Rate includes:

- Wi-Fi in Guestrooms
- "Simple Wi-Fi" (Up to 3Mbps per User) in Meeting Rooms
- 24-Hour Access to Fitness Center
- Two beach chairs and One umbrella
- Beach Bike Rental
- Bottled Water in Guestroom
- In-Room Coffee
- Local calls

RESERVATIONS

Room reservations will be made by individual attendees by clicking on the following direct link to online reservations at the hotel or call 954-874-4444 before **September 4, 2024**.

All individual reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. The hotel will not hold any reservations unless secured by one of the above methods.

PARKING RATES

- Special Event Valet Parking ($18 per car, per day – For non-overnight Guests Only)
- Overnight Valet Parking ($48 per car, per night)
- Overnight Self- Parking ($43 per car, per night)

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REGISTRATION FORM

To register, please visit https://miami.cloud-cme.com/course/courseoverview?P=5&EID=16489

TUITION

Registration Types

	By 10/27/2023	After 10/27/2023
☐ Physicians (non-University of Miami)	$125	$150
☐ UM/JMH Physicians	$75	$100
☐ Allied Health	$30	$55
☐ Nurses/Nurse Practitioners	$30	$55
☐ Residents	$30	$55
☐ Fellows	$30	$55
☐ Med Students	$25	$50
☐ Industry Representative (non-exhibiting)	$1,000	$1,200

REGISTRATION CANCELLATION POLICY

Refunds will be made only if written notice of cancellation is received prior to **September 7, 2024**.

SERVICES FOR THE DISABLED

Please contact the Division of CME prior to **September 7, 2024** should you have any special needs that may require additional assistance. A conference staff member will contact you to discuss these special requirements.

FOR MORE INFORMATION, CONTACT

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