**Virginia Neurological Society Annual Meeting**

**January 18-21, 2024**

**Omni Homestead Resort, Hot Springs, VA**

**Program Overview and Target Audience:**

The educational sessions of the VNS Annual Meeting are intended for neurologists and address the American Board of Psychiatry and Neurology core competencies in patient care and medical knowledge.

**Desired Outcomes:**

***Upon completion of this live activity, participants will be able to:***

* Discuss the use of “traditional” immunotherapies and results from recent clinical trials in MG, CIDP, GBS, and myositis.
* Apply the guidelines for use, dose initiation, adverse reactions, monitoring parameters, and future immunotherapies in neuromuscular disease.
* Contrast the manifestations and diagnosis of uncommon monogenic vs. polygenic stroke and cerebrovascular disease and potential treatments.
* Discuss approaches to neuroprognostication, including predictor reliability in comatose survivors and emerging technologies that may enhance prognostication accuracy in cardiac arrest survivors.
* Apply the 2023 updates to brain death determination and discuss ethical considerations surrounding the withdrawal of life sustaining treatment.
* Discuss indications, exclusion criteria, adverse and expected therapeutic effects of approved anti-amyloid therapies and the resources necessary to administer and manage monoclonal antibody therapies.
* Describe the classifications, forms, symptoms, and management of patients with ARIA, to differentiate ARIA from other common acute neurological syndromes,
* Discuss the narcolepsy pathophysiology, symptoms, and management and distinguish from the rare but similar disorder, Kleine-Levin Syndrome (KLS).
* Describe the current landscape of AI technology in medicine, including challenges and limitations and opportunities to integrate emerging technologies into clinical neurological practice.

**Agenda**

**Thursday, January 18, 2024**

***4:00-6:00pm VNS Executive Committee Meeting Madison Room***

***6:30-7:30pm Opening Reception Washington Library***

**Friday, January 19, 2024**

***8:30am Registration Garden Room***

***Coffee/Exhibits Crystal Ballroom***

***8:55-9:00am Welcome and Program Overview Empire Room***

**Scientific Session  *Matthew Barrett, MD, Session Moderator***

***9:00-9:45am***  ***Updates in Immunotherapies in Neuromuscular Diseases***

Qihua Fan, MD, Richmond, VA

***9:45-10:30*am**  ***A Case-based Approach or Uncommon Beasts and How to Find Them: Rare Genetic***

 ***Causes of Stroke*** Bradford Worrall, MD, Charlottesville, VA

***10:30-11:00am Break: Visit Exhibitors Crystal Ballroom***

***11:00-11:45am*** ***Prognostication After Cardiac Arrest and Brain Death Determination***

Shraddha Mainali, MD, Richmond, VA

***11:45-12:30pm***  ***The Changing Landscape of Alzheimer’s Therapeutics***

Roberto Fernandez-Romero, MD, MPH, PhD, Knoxville, TN

**Clinical Pathological Correlations (CPC) *Myla Goldman, MD, Session Moderator******Empire Room***

**5:30-6:30pm Presenters**

Mark Quigg, MD, Charlottesville, VA,

Myla Goldman, MD, Richmond, VA

Matthew Barrett, MD, Richmond, VA

***6:30-7:30pm Reception Commonwealth Room***

**Saturday, January 20, 2024**

***9:00-9:30am* Registration  *Garden Room***

 ***Coffee/ Exhibits Crystal Ballroom***

**Practice of Neurology *Myla Goldman, MD, Session Moderator* Empire Room**

***9:30-10:30am***  ***Narcolepsy in Context: History, Diagnosis and Management***

 Samuel Taylor, MD, Richmond, VA

***10:30-11:00am* Break: Visit Exhibitors *Crystal Ballroom***

***11:00-12:30pm* Annual Business Meeting Empire Room**

**Fritz Dreifuss Lecture *Donald Taylor, MD, Session Moderator Empire Room***

***5:30-6:30pm***  ***Will AI Replace Neurologist? Navigating the Neural Nexus of AI and Neurology***

Tayab Waseem, MD, PhD Washington, DC

***\*\*Drawing for winner of 2 nights lodging at the Omni Homestead Resort\*\****

***6:30pm Annual Group Photograph Crystal Ballroom***

***6:30-7:30 pm President’s Reception Washington Library***

 ***MEMBERS AND GUESTS ONLY*** Hosts:  *Dr. and Mrs. Donald Taylor*

**Sunday, January 21, 2024**

***9:00-11:00am Difficult Cases-Neurology Consult* - *Richard Seestedt, MD, Session Moderator - Empire Room***

Daniela Fishbein, MD, Resident, UVA, Charlottesville, VA

Shital Patel, MD, Resident, VCU, Richmond, VA

Geetika Bajpai, MD, Resident, VTC, Roanoke, VA



**Jointly Provided by the University of Virginia School of Medicine and School of Nursing and the Virginia Neurological Society.**

**Course Director: \*Sona Pomfret,** Executive Director, Virginia Neurological Society

**Faculty and Planning Committee (\*):**

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Virginia Commonwealth University

**\*Elizabeth Patterson, MEd**

UVA Schl of Medicine, Office of CCME

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Medical Director, Neurophysiology Labs

TR Johns Professor of Neurology

**\*Donald Taylor, MD**

Bon Secours Pediatric Neurology

**Samuel Taylor, Jr, MD, MS**

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VCU Schl of Medicine + Center for Sleep Medicine

**Tayab Waseem, MD, PhD**

George Washington University Hospital

**Bradford Worrall, MD**

Division Chief for Vascular (Stroke) Neurology

UVA Professor of Neurology and Public Health Sciences

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Virginia Tech Carilion Clinic

**Matthew Barrett, MD, MS**

Virginia Commonwealth University

**\*William Dunn, MD**

Fairfax Neurology Group

**Qihua Fan, MD**

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**Roberto Fernandez-Romero, MD, MPH, PhD**

Medical Director, The Pat Summit Clinic

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**Daniela Fishbein, MD**

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**\*Sarah Jones, MD**

University of Virginia, Dept of Neurology

**Shraddha Mainali, MD**

Virginia Commonwealth University

**Disclosure of faculty financial affiliations**

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**Disclosures**

The following faculty have no relevant financial relationships to disclose: **Geetika Bajpai, Matthew Barrett, William Dunn, Roberto Fernandez-Romero, Daniela Fishbein, Sarah Jones, Shraddha Mainali, Shital Patel, Elizabeth Patterson, Sona Pomfret, Richard Seestedt, Donald Taylor, Samuel Taylor, Jr., Tayab Waseem, and Bradford Worrall.**

The following faculty have relevant financial relationships to disclose:

**Qihua Fan, MD** discloses serving as faculty/peer reviewer for Alnylam in hereditary amyloidosis.

**Myla Goldman** discloses serving on a Data Safety and Monitoring Boards for Anokion and Immunic Therapeutics, and consulting to Alexion, Horizon (Amgen), Genentech, and Novartis.

**Mark Quigg, MD** discloses serving on a Data Safety and Monitoring Board for Cerebral Therapeutics in epilepsy research, and consults as faculty/peer reviewer for Natus in EEG research.

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