Immunotherapy for Neurologic Disorders

A CME-CERTIFIED SYMPOSIUM

Friday, March 18, 2016

The College of Physicians of Philadelphia
19 South Twenty Second Street
Philadelphia, PA 19103

www.penncmeline.com
This conference is focused on practical and clinical issues faced on a daily basis by the neurologists, internists, intensivists, rehabilitation medicine physicians, nurse practitioners and physician assistants who treat patients with inflammatory and immune mediated neurologic disorders.

Didactic presentations will be interspersed with interesting cases and expert panel discussions to elaborate on specific points of controversy and to answer audience questions. Presentations and discussions will be led by nationally and internationally recognized academic and clinical experts in their field.

Learning Objectives
Upon the completion of the activity, participants should be able to:

- Describe basic immunologic concepts in neurologic diseases and their application to new therapies
- Summarize state-of-the-art concepts of genetic and immunological features of adults and children with multiple sclerosis and discuss the treatment options and complications for that disease
- Correctly diagnose and treat chronic inflammatory polyneuropathy (CIDP)
- Explain the role and clinical utility of new antigens in autoimmune neuropathies
- Review novel imaging techniques of brain, nerves and muscles affected by immunologic diseases
- Identify new treatments in paraproteinemc neuropathies, including gene silencing therapies in amyloid neuropathy
- Review the latest concepts in the pathogenesis and treatment of myasthenia gravis
- Identify possible immunomodulatory therapies for acute stroke
- Explain when to suspect the possibility of a CNS paraneoplastic syndrome

Hosting Department
Immunotherapy for Neurologic Disorders is hosted by the Department of Neurology at the University of Pennsylvania Health System and Penn Presbyterian Medical Center.

Accreditation
The Perelman School of Medicine at the University of Pennsylvania is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation of Credit
The Perelman School of Medicine at the University of Pennsylvania designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Certificates and Transcripts
After the symposium has concluded, all participants will receive a follow-up email with instructions and a link. Once participants submit the request for credit, the earned credits will be available for viewing on a transcript and certificates will be available for printing at www.penncmeonline.com. Please note that the individual certificate will not be mailed.

Disclosures
The Perelman School of Medicine at the University of Pennsylvania, Office of Continuing Medical Education, adheres to the ACCME Standards for Commercial Support. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products or devices within their presentations.

Registration Fees
The registration fees for Immunotherapy for Neurologic Disorders are $195.00 for physicians, $125.00 for nurses and other healthcare professionals and $75.00 for residents and fellows. Penn Medicine employees, faculty, staff, and students will receive the special course rate of $95.00 for physicians, nurses and healthcare professionals. A valid Penn Medicine ID is required to receive the special rate.

The registration fee includes attendance to the conference, a course booklet and a link to view the handouts online, continental breakfast, mid-morning and afternoon refreshments, lunch, and a post-symposium reception.

On the Cover: S. Khella, Lilly. Oil on canvas 2015, private collection
You may register online for the course by visiting www.penncmeonline.com then clicking on CME activities/live events. You may also mail your completed registration form. We cannot accept faxed registration forms. Please see the top of the registration form for mailing information. All registrations will be confirmed in writing if your registration form and fee are received by March 4, 2016.

**Cancellation and Refund Policy**

In order to process refunds for course withdrawals, cancellations must be received in writing by March 4, 2016 (subject to a service charge equivalent to 10% of the registration fee). No refunds will be issued thereafter.

The University reserves the right to cancel or postpone this course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund any registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

**Meeting Location**

*Immunotherapy for Neurologic Disorders* will be held Friday, March 18, 2016 at The College of Physicians of Philadelphia, 19 South Twenty Second Street, Philadelphia, PA 19103, 215-560-8564.

**Parking**

The Parkway Corporation at 26-20 South 21st Street, Philadelphia, has a lot directly behind the College of Physicians at 21st & Ludlow Streets. Discounted parking will be offered Monday – Friday between 9-5 pm in this lot only. You must validate your parking ticket at the front desk of The College of Physicians in order to receive the discounted rate.

**Overnight Accommodations**

If you need an overnight room, please consider reserving your room at the Sonesta Philadelphia Hotel. The Sonesta is located at 1800 Market Street, Philadelphia, PA 19103. You can reach reservations by calling 215-561-7500. The Sonesta Philadelphia extends a discounted rate of $139.00 to those visiting on behalf of University of Pennsylvania business. Please mention the University of Pennsylvania when securing your reservation.
SPEAKERS

Jorge I. Alvarez, Bsc, PhD
Assistant Professor
Department of Pathology
School of Veterinary Medicine
University of Pennsylvania
Philadelphia, PA

Ramani Balu, MD
Instructor A of Neurology
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Michel Bilello, MD, PhD
Assistant Professor of Radiology
Penn Presbyterian Medical Center
Attending Physician, Hospital of the University of Pennsylvania
Philadelphia, PA

Shawn Bird, MD
Professor of Neurology
Director, Electromyography Laboratory
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Ted M. Burns, MD
Professor of Neurology
University of Virginia
Charlottesville, VA

David R. Cornblath, MD
Professor of Neurology
Johns Hopkins University School of Medicine
Baltimore, MD

Nabila Dahodwala, MD
Assistant Professor of Neurology
Pennsylvania Hospital
Senior Fellow, Leonard Davis Institute Fellow, Institute of Aging
Director, National Parkinson Foundation Center of Excellence Parkinson’s Disease and Movement Disorders Center
Fellowship Director, Division of Movement Disorders
Department of Neurology
University of Pennsylvania Health System
Philadelphia, PA

Eric Lancaster, MD, PhD
Assistant Professor of Neurology
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Jon M. Lindstrom, PhD
The Trustee Professor in Neuroscience
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Clyde E. Markowitz, MD
Associate Professor of Neurology
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Goran Rakocevic, MD, FAAN
Associate Professor of Neurology
Director, Thomas Jefferson Neuromuscular/EMG Lab
Co-Director, Weinberg ALS Clinic
Thomas Jefferson University
Philadelphia, PA

Christopher Skidmore, MD
Assistant Professor of Neurology
Director, Neurology Residency Program
Sidney Kimmel College of Medicine
Thomas Jefferson University
Philadelphia, PA

Barney J. Stern, MD
Interim Chair
Stewart J. Greenebaum Endowed Professor in Stroke Neurology
University of Maryland School of Medicine
College Park, MD

Services for the Disabled If special arrangements are required for an individual with a disability to attend this meeting, please contact the Office of Continuing Medical Education no later than March 4, 2016, at 215-898-6400.

Nondiscrimination Statement The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). www.upenn.edu/affirm-action.
**AGENDA**

**Friday, March 18, 2016**

7:15 – 8:00 AM  
Registration and Continental Breakfast

8:00 – 8:15 AM  
Opening Remarks  
Sami Khella, MD

8:15 – 8:45 AM  
How Have Animal Models Paved the Way to Immunotherapy in Neuroinflammatory Disorders?  
Jorge Alvarez, Bsc, PhD

8:45 – 9:15 AM  
Imaging Multiple Sclerosis  
Michel Bilello, MD, PhD

9:15 – 9:45 AM  
Multiple Sclerosis Therapeutics – What to Choose and When to Change  
Clyde Markowitz, MD

9:45 – 10:15 AM  
Complications of Newer Immunotherapies for Multiple Sclerosis  
Joseph Berger, MD

10:15 – 10:30 AM  
Coffee Break

10:30 – 11:00 AM  
Neurosarcoidosis: Might There be Some New Advances?  
Barney J. Stern, MD

11:00 – 11:30 AM  
Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) – Why Can’t We Get it Right?  
David R. Cornblath, MD

11:30 AM – 12:00 PM  
AChR-Specific Immunosuppressive Therapy for Myasthenia Gravis  
Jon Lindstrom, PhD

12:00 – 1:00 PM  
Lunch

1:00 – 1:30 PM  
Current and Exciting Treatments in Myasthenia Gravis  
Ted M. Burns, MD

1:30 – 2:00 PM  
Paraproteneimic and Amyloid Neuropathies – Case Studies  
Sami Khella, MD

2:00 – 2:30 PM  
Controversies and Treatment Complications in Neuromuscular Diseases  
Shawn Bird, MD

2:30 – 3:00 PM  
Inflammatory Myopathies: An Update on Therapies Guided by MRI and Ultrasound  
Goran Rakocevic, MD, FAAN

3:00 – 3:15 PM  
Coffee Break

3:15 – 3:45 PM  
Immunotherapy for Stroke – New and Exciting Ideas  
Ramani Balu, MD

3:45 – 4:15 PM  
Autoimmune Epilepsy – Case Studies  
Christopher Skidmore, MD

4:15 – 4:45 PM  
Autoimmune Movement Disorders  
Nabila Dabodwalla, MD

4:45 – 5:15 PM  
Diagnosis and Treatment Strategies in Autoimmune Encephalitis  
Eric Lancaster, MD, PhD

5:15 – 6:00 PM  
Reception
Immunotherapy for Neurologic Disorders
A CME-CERTIFIED SYMPOSIUM

Registration Form
Friday, March 18, 2016

If you are registering using your credit card, please register online at: www.penncmeonline.com and click on CME Activities/LiveEvents.

Questions? Contact us at:
Phone: 215-898-6400 or 215-898-8005 • penncme@mail.med.upenn.edu

Please note we are unable to accept faxed registration forms.

Please print or type

Name (First) (Last)

Academic Degree

Medical Specialty

Affiliation (Hospital, Office, or Company)

Address (☐ Affiliation or ☐ Home)

City State Zip

Phone Fax

E-mail

Registration Fee (pre-payment is required to be officially registered)

Please select the option below.

☐ $195.00 for Practicing Physicians
☐ $125.00 for Nurses and other Healthcare Professionals
☐ $75.00 for Residents and Fellows
☐ $95.00 for Penn Medicine Physicians, Nurses and Healthcare Professionals

Penn Medicine ID # ________________________________

Payment Method

• If you are paying by credit card, please register online at www.penncmeonline.com and click on CME Activities/LiveEvents.

• If you are paying by check, you may mail your completed registration form and check made payable to The Trustees of the University of Pennsylvania/CME to:
  Conference Coordinator, Perelman School of Medicine at the University of Pennsylvania, Office of Continuing Medical Education
  150 Anatomy/Chemistry Building, 3620 Hamilton Walk
  Philadelphia, PA 19104-6061

• Do not include any credit card information on the registration form or email any credit card information

Please Note: Walk-in registrants must bring payment to the program. Seating may be limited for walk-in registrants.
Immunotherapy for Neurologic Disorders
A CME-CERTIFIED SYMPOSIUM
Friday, March 18, 2016
The College of Physicians of Philadelphia
19 South Twenty Second Street
Philadelphia, PA 19103