



**Penn Medicine**  
Continuing Medical and  
Interprofessional Education

# Immunotherapy for Neurologic Disorders 2018

A CME/CNE-CERTIFIED CONFERENCE

**Friday, May 18, 2018**

The Study at University City Hotel  
20 South 33rd Street  
Philadelphia, PA 19104



[www.penncmeonline.com](http://www.penncmeonline.com)



## Conference Description & Target Audience

This continuing education 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. Basic immunologic concepts in neurologic diseases and their applications to new therapies will be reviewed and their effect on patients will be discussed.

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 applications to new therapies
- Explain and review the new treatment recently approved by the FDA for Myasthia Gravis and the latest concepts in the pathogenesis of myasthenia gravis
- Identify possible immunomodulatory therapies for acute stroke
- Review novel imaging techniques of brain, nerves and muscles affected by immunologic diseases
- Summarize the 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 the disease
- Correctly diagnose chronic inflammatory polyneuropathy (CIDP)
- Explain the role and clinical utility of new antigens in autoimmune neuropathies

### Hosting Department

*Immunotherapy for Neurologic Disorders 2018* is hosted by the Department of Neurology at the University of Pennsylvania Health System and Penn Presbyterian Medical Center.

## Accreditation



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American

Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## Designation of Credit

**Physicians:** Penn Medicine designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Nurses:** This activity is approved for 7.5 contact hours.

**Physician Assistants:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 7.5 Category 1 credits for completing this activity.

**Certificates and Transcripts:** After the conference 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.penncmeeonline.com](http://www.penncmeeonline.com). Please note that the individual certificate will not be mailed.

## Disclosures

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the ACCME *Standards for Commercial Support*. Faculty and planners 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 within their presentations.

## Registration Fees

The registration fees for *Immunotherapy for Neurologic Disorders* are \$195 for physicians and industry employees, \$125 for nurse practitioners, physician assistants, nurses, healthcare professionals, residents and fellows. Penn Medicine employees, faculty, staff and students will receive the special conference rate of \$95 as long as registrant has a valid Penn Medicine ID (required).



The registration fee includes attendance to the conference, conference materials and the link to view the presentation (slides) online, continental breakfast, mid-morning break, lunch, afternoon break and reception.

If you are registering with a credit card, please register online at [www.penncmeonline.com](http://www.penncmeonline.com), and then click on CME/CNE Activities then Live Events. We cannot accept faxed or mailed registration forms with credit card information. To pay by check, complete the registration form and mail it in with your check. Please see the registration form for mailing information. Please note: mailed registrations can take up to 5-10 business days before they are received. All registrations will be confirmed by email as long as your registration is received by May 4, 2018.

### **Cancellation and Refund Policy**

In order to process refunds for course withdrawals, cancellations must be received in writing by May 4, 2018 (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.

### **Conference Location**

The Study at University City Hotel  
20 South 33rd Street, Philadelphia, PA 19104  
215-387-1400

### **Overnight Accommodations**

A block of rooms is available at The Study for a special rate of \$229 for those attending *Immunotherapy for Neurologic Disorders*. You can reach reservations by calling 215-387-1400. Please mention you are attending the conference when securing your reservation.

### **Parking**

The Study offers valet-parking for \$20 per car for the day or \$42 for overnight guests. The following self-parking garages are within 1-2 blocks of The Study (rates subject to availability):

**Chestnut 34 Garage**  
335 Chestnut Street  
Philadelphia, PA 19104  
\$19 for daily parking

**Drexel University**  
Drexel University Lot G (Parking Garage)  
3398 Ludlow St  
Philadelphia, PA 19104  
\$15 for daily parking



## CONFERENCE DIRECTOR

### **Sami Khella, MD**

*Professor of Clinical Neurology  
Perelman School of Medicine  
Attending Neurologist  
Director, Clinical Electrophysiology  
Chief, Department of Neurology  
Penn Presbyterian Medical Center  
University of Pennsylvania  
Philadelphia, PA*

## CONFERENCE CO-DIRECTOR

### **Joseph R. Berger, MD**

*Professor of Neurology  
Chief, Multiple Sclerosis Division  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

## SPEAKERS

### **Alisha Amendt, RN, CRNP**

*Nurse Practitioner  
General Neurology Division  
Penn Medicine  
Philadelphia, PA*

### **Amit Bar-Or, MD, FRCPC**

*Melissa and Paul Anderson  
President's Distinguished Professor  
Chief, Multiple Sclerosis Division  
Director, Center for  
Neuroinflammation and  
Neurotherapeutics  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

### **Shawn Bird, MD**

*Professor of Neurology  
Director, Electromyography  
Laboratory  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

### **Leonard H. Calabrese, DO**

*Professor of Medicine  
RJ Fassenmyer Chair of  
Clinical Immunology  
Lerner College of Medicine of  
Case Western Reserve University  
Cleveland Clinic  
Cleveland, OH*

### **Nabila Dahodwala, MD, MS**

*Associate Professor of Neurology  
Fellowship Director, Division of  
Movement Disorders  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

### **Susan A. Gauthier, DO, MPH**

*Associate Professor of  
Clinical Neurology  
Weill Cornell Medicine  
New York, NY*

### **Jacqueline Gofshteyn, MD**

*Epilepsy Fellow, Division of  
Child Neurology  
Children's Hospital of Philadelphia*

**Eric Lancaster, MD, PhD**

*Assistant Professor of Neurology  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

**Clyde E. Markowitz, MD**

*Associate Professor of Neurology  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

**Sona Narula, MD**

*Assistant Professor of  
Clinical Neurology  
Perelman School of Medicine  
University of Pennsylvania  
Children's Hospital of Philadelphia  
Philadelphia, PA*

**Colin Quinn, MD**

*Assistant Professor of  
Clinical Neurology  
Perelman School of Medicine  
Penn Medicine  
Philadelphia, PA*

**Christopher Skidmore, MD**

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

**Gil I. Wolfe, MD, FAAN**

*Irvin and Rosemary Smith  
Professor and Chair  
University at Buffalo  
Distinguished Professor  
Department of Neurology/  
UBMD Neurology  
Jacobs School of Medicine  
and Biomedical Sciences  
SUNY University at Buffalo  
Buffalo, NY*

**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 and Interprofessional Education no later than May 4, 2018, 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](http://www.upenn.edu/affirm-action).



# AGENDA

Friday, May 18, 2018

- |                     |  |
|---------------------|--|
| 7:15 – 8:00 AM      | Registration and Continental Breakfast   |
| 8:00 – 8:15 AM      | <b>Opening Remarks</b><br><i>Sami Khella, MD</i>   |
| 8:15 – 8:40 AM      | <b>Immunology for Neurologists: A Review</b><br><i>Amit Bar-Or, MD, FRCPC</i>                                      |
| 8:40 – 9:05 AM      | <b>Autoimmune Encephalitis:<br/>Recognition, Diagnosis and Treatment</b><br><i>Eric Lancaster, MD, PhD</i>         |
| 9:05 – 9:30 AM      | <b>The Nurse Practitioner:<br/>From Bedside-to-Billing</b><br><i>Alisha Amendt, RN, CRNP</i>                       |
| 9:30 – 9:55 AM      | <b>Complications of Newer Immunotherapies<br/>for Multiple Sclerosis</b><br><i>Joseph Berger, MD</i>               |
| 9:55 – 10:10 AM     | Break  |
| 10:10 – 10:35 AM    | <b>Paraproteinemic Neuropathies:<br/>Now Even More Treatable</b><br><i>Sami Khella, MD</i>                         |
| 10:35 – 11:00 AM    | <b>MS Treatments</b><br><i>Clyde Markowitz, MD</i>   |
| 11:00 – 11:25 AM    | <b>Autoimmune Epilepsy</b><br><i>Christopher Skidmore, MD</i>  |
| 11:25 – 11:45 AM    | <b>Panel Discussion</b>  |
| 11:45 AM – 12:45 PM | Lunch  |
| 12:45 – 1:15 PM     | <b>Advances in MS Neuroimaging:<br/>An Evolving Exploration into the Disease</b><br><i>Susan Gauthier, DO, MPH</i> |
| 1:15 – 1:40 PM      | <b>Immune-mediated Movement Disorders</b><br><i>Nabila Dahodwala, MD, MS</i>                                       |



|                |   |
|----------------|---|
| 1:40 – 2:05 PM | <b>Autoimmune Neuropathies</b><br><i>Shawn Bird, MD</i>   |
| 2:05 – 2:30 PM | <b>Transitioning Adolescent Patients<br/>into the Adult Clinic</b><br><i>Sona Narula, MD</i>  |
| 2:30 – 2:45 PM | Break   |
| 2:45 – 3:15 PM | <b>CNS Angiitis</b><br><i>Leonard H. Calabrese, DO</i>  |
| 3:15 – 3:40 PM | <b>Treatment for Autoimmune<br/>Myopathies and ALS</b><br><i>Colin Quinn, MD</i>  |
| 3:40 – 4:10 PM | <b>Myasthenia Gravis Today</b><br><i>Gil I. Wolfe, MD, FAAN</i>   |
| 4:10 – 4:35 PM | <b>CAR T-cell Therapies:<br/>Where are They Headed and What<br/>Does This Mean for Neurologists?</b><br><i>Jacqueline Gofshteyn, MD</i> |
| 4:35 – 4:55 PM | <b>Panel Discussion</b>   |
| 4:55 – 5:00 PM | Closing Remarks   |
| 5:00 – 6:00 PM | Reception   |

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Five minutes will be allotted for questions from the audience before the end of each presentation



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[www.penncmeonline.com](http://www.penncmeonline.com) and click on CME/CNE Activities/Live Events.

## Questions? Contact us at:

Phone: 215-898-6400 or 215-898-8005 [penncme@mail.med.upenn.edu](mailto:penncme@mail.med.upenn.edu)

Please note we are unable to accept faxed registration forms.

Please print or type

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Name (First)

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(Last)

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Medical Specialty

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Affiliation (Hospital, Office, or Company)

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

Please select the option below.

- \$195.00 for Practicing Physicians and Industry Employees
- \$125.00 for Nurse Practitioners, Physician Assistants, Nurses, Healthcare Professionals, Residents and Fellows
- \$95.00 for Penn Medicine employees, Faculty, Staff and Students  
Penn Medicine ID # \_\_\_\_\_

## Payment Method

- If you are paying by credit card, please register online at [www.penncmeonline.com](http://www.penncmeonline.com) and click on CME/CNE Activities/Live Events.
- 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, Office of Continuing Medical and Interprofessional 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.



150 Anatomy/Chemistry Building  
3620 Hamilton Walk  
Philadelphia, PA 19104-6061

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