

*Save the Date*  
*Second Annual*  
**LYME DISEASE TOPICS**  
*at* **JOHNS HOPKINS**

**Friday, June 8, 2018 • 1:00 – 5:30 pm**

**DESCRIPTION**

Lyme Disease affects over 300,000 new patients every year who are clustered in and around the major metropolitan regions of the Mid-Atlantic and Northeastern United States. Timely diagnosis of acute Lyme disease depends on the accurate identification of the early erythema migrans skin lesion. Untreated, Lyme disease can progress to disseminated infection involving the nervous system, heart, and joints.

Antibiotic treatment of Lyme Disease is effective in resolving the objective manifestations of infection, however a subset of patients develop persistent symptoms called Post-Treatment Lyme Disease Syndrome (PTLDS). Experts from Johns Hopkins have carefully described the patient symptoms, physical findings and laboratory finding in a well documented case series of patients with PTLDS.

The diagnosis of all manifestations of Lyme Disease and PTLDS in the clinical practice of medicine is challenging and this course seeks to provide education to health practitioners who may see patients with the spectrum of illness associated with Lyme Disease and PTLDS.

**WHO SHOULD ATTEND**

This activity is intended for General Practice, Family Practice, Rheumatology, Infectious Disease and Family Practice Nurse Practitioner.

**LEARNING OBJECTIVES**

Upon completion of this activity, the participant will demonstrate the ability to:

- Describe the clinical manifestations, current criteria and tests used for the diagnosis of the different stages of Lyme Disease.
- Compare and contrast the symptoms, signs and natural history of untreated Lyme Disease to those of Post-Treatment Lyme Disease Syndrome.
- Identify the challenges to the diagnosis and Post-Treatment Lyme Disease Syndrome.
- Identify and describe approaches to the identification and management of fatigue in patients with Post-Treatment Lyme Disease Syndrome.



**Location:** Thomas B. Turner Building, Tilghman Auditorium  
720 Rutland Avenue • Baltimore, Maryland 21205

**Phone:** (410) 955-2959



**JOHNS HOPKINS**  
MEDICINE

## FEES

### REGISTRATION CUT-OFF DATE: June 1, 2018

**Methods of Payment:** We require full payment prior to the start of the activity. On-site payments by credit card only. The registration fee includes instructional materials, refreshment breaks and a reception immediately following activity.

Physicians .....	\$ 100
Residents*/Fellows*/Nurses/NPs/ PAs/Allied Health Professionals .....	\$ 100

\*with verification of status

### 2018 TOPICS INCLUDE:

- Lyme Disease Update
  - Updates in Epidemiology of Tick-Borne Infections
  - Post-Treatment Lyme Disease Syndrome and Fatigue
  - Management of Fatigue
- Workshops -
- Management of Fatigue in Post-Treatment Lyme Disease Syndrome
  - Neurologic Lyme Disease
  - Evaluation of Chronic Fatigue
  - Updates in Immunology and Microbiology of Tick-Borne Infections

### TO REGISTER or FOR FURTHER INFORMATION

#### Register Online

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=13764#>

Register by Phone (410) 502-9636  
Register by Fax (866) 510-7088  
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### ACCREDITATION STATEMENT

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



### CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 4.25 AMA PRA Category I Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



**JOHNS HOPKINS**  
M E D I C I N E

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