

# *Fifth Annual* **LYME DISEASE TOPICS** *at* **JOHNS HOPKINS**

***Internet Live Conference - Zoom***



***Friday, June 4, 2021 • 9:00 am – 5:15 pm***

## **DESCRIPTION**

Lyme disease is a worldwide epidemic, with over 476,000 new cases each year in the U.S. alone. Lyme disease is expanding geographically, impacting over 80 countries and all 50 U.S. states, and endemic in regions including the Northeast, Mid-Atlantic, Upper-Midwest, Northern California and Pacific Northwest. When diagnosed in its earliest phase the outcome of infection is generally favorable. However, many cases are misdiagnosed, and treatments are delayed and/or inadequate. An estimated 10-20% of individuals suffer from Lyme disease associated persistent symptoms. The clinical practice of medicine of all manifestations of Lyme disease is challenging. This one-day symposium provides the latest information on Lyme disease and tick-borne disease in the era of COVID-19 and will help health practitioners better understand acute and “long haul” disease complexities and improve patient care.

## **WHO SHOULD ATTEND**

This activity is intended for general practitioners, family practice, rheumatology, infectious disease, nurses, nurse practitioners and other health providers who may see patients with Lyme disease and tick-borne disease.



This activity has been approved for *AMA PRA Category I Credits™*.



**JOHNS HOPKINS**  
MEDICINE

# Fifth Annual LYME DISEASE TOPICS at JOHNS HOPKINS

Friday, June 4, 2021 • 9:00 am – 5:15 pm

Internet Live Conference - Zoom



## 2021 TOPICS INCLUDE:

- Clinical manifestations, current criteria, and tests used for the diagnosis of the different stages of Lyme disease
- Signs and Symptoms of acute Lyme disease as compared to acute COVID-19
- Lyme Arthritis
- Pediatric Clinical Challenges
- Lyme carditis and other Lyme disease associated heart complications
- Immune Dysfunction, Inflammation, and Autoimmunity in Lyme disease
- The Potential Role of the Microbiome in Lyme disease
- Persistent Symptoms in Lyme disease
- Lessons from ME/CFS that can inform PTLD and “Long haul” COVID
- Neurocognitive and neuropsychiatric impact in Lyme disease
- Persistent Symptoms in Lyme disease compared to “Long haul” COVID

## FEES

**Methods of Payment:** We require full payment prior to the start of the activity.

Physicians .....	\$150
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals.....	\$100

\*with verification of status

## TO REGISTER or FOR FURTHER INFORMATION

**Register Online:**

[hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=32427](https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=32427)

Register by Phone

(410) 502-9636

Register by Fax

(866) 510-7088

Confirmation/Certificates/Transcripts

(410) 502-9636

General Information

(410) 955-2959

E-mail the Office of CME

[cmenet@jhmi.edu](mailto:cmenet@jhmi.edu)

Follow us on Twitter

[twitter.com/HopkinsCME](https://twitter.com/HopkinsCME)

Follow us on Facebook

[facebook.com/HopkinsCME](https://facebook.com/HopkinsCME)



JOHNS HOPKINS  
MEDICINE