

### Program Description

An educational, fully CME accredited program on Lyme & other tick-borne diseases for health care providers. This program is designed as a scientific update on the latest research advances on Lyme disease to help clarify the current state-of-the-art and point to new directions in research.

### Educational Objectives:

- ✓ To learn about the diversity of ticks, of Borrelia strains, and of different pathogens in ticks in the United States
- ✓ To learn about the mechanisms involved in the cellular pathogenesis of Lyme disease
- ✓ To learn about recent research documenting intra-cellular sequestration & persistence after treatment
- ✓ To understand the evidence in favor of autoimmune mechanisms underlying persistent symptoms after treated Lyme disease
- ✓ To learn about brain imaging biomarkers that reflect neurologic Lyme disease & fibromyalgia
- ✓ To hear from experts about antibiotic mechanisms and different treatment approaches based on IDSA and ILADS guidelines

### Who should attend

Physicians and clinicians of all specialties, nurses, psychologists, scientists, public health workers. It is also open to the public.

### Accreditation & Disclosure Statements

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The College of Physicians and Surgeons designates this educational activity for a maximum of 8.75 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This program has been planned and produced in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME).

The College of Physicians & Surgeons must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty participating in this activity are required to disclose to the audience any significant financial interest and/or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in his/her presentation and/or the commercial contributor(s) of this activity. When unlabeled uses are discussed, these will also be indicated.

### Airport Information

Boston-BOS

### Area Train/Subway Information

Riverside Subway Station (3mi)  
Complementary Shuttle Service

### Parking Information

Complementary on site parking  
Boston Marriott Newton  
2345 Commonwealth Avenue  
Newton, Massachusetts 02466



### Lyme Disease Association, Inc.

PO Box 1438 Jackson New Jersey 08527

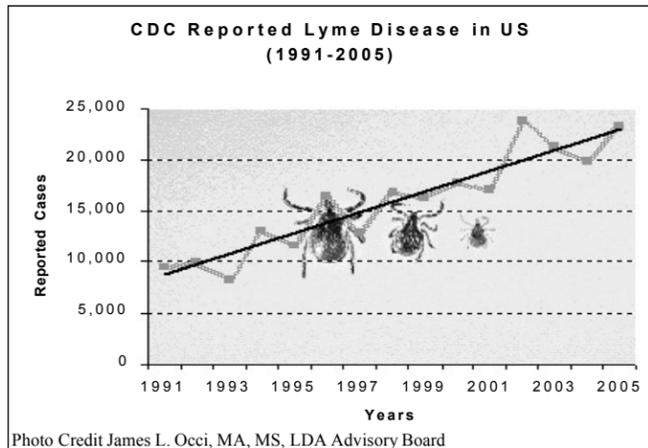


Photo Credit James L. Occi, MA, MS, LDA Advisory Board

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*The College of Physician & Surgeons of Columbia University  
&  
The Lyme Disease Association  
present*

## **Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm** 8.75 Category 1 CME Credits

# **Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm**

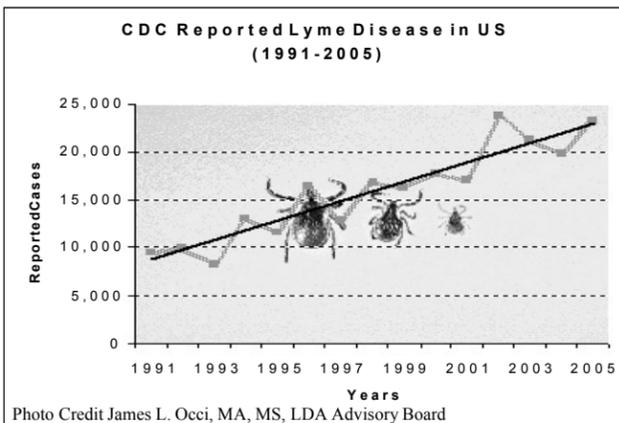


Photo Credit James L. Occi, MA, MS, LDA Advisory Board

**A National Conference for Physicians & Allied Health Professionals**  
FRIDAY, October 26, 2007... Marriott Boston Newton, Newton, Massachusetts

Jointly Sponsored by:



**Lyme Disease Association Inc.**



**COLUMBIA UNIVERSITY**

*College of Physicians  
and Surgeons*

**Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm**  
*An educational and networking event featuring prominent speakers on tick-borne diseases*  
**Brian A. Fallon, MD, MPH, Course Director**

**Conference Agenda**

**Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm**  
**October 26, 2007**

7:30-8:00 AM	<b>REGISTRATION/BREAKFAST/EXHIBITS</b>
8:00-8:15 AM	<b>Welcome</b> Patricia V. Smith, President, Lyme Disease Association, Inc. Introduction of: Brian A. Fallon, MD, MPH
8:15-9:00 AM	<b>Keynote Address</b> James Oliver, PhD Tick Diversity and Bb in the South
9:00-9:35 AM	<b>John Drulle Memorial Lecture</b> Claire Fraser, PhD Genomic Update
9:35-10:10 AM	Jillian Livengood, PhD Bb in Nerve Tissue
10:10-10:45 AM	Hetta Yrjanainen, MD, PhD Viable Bb after Ceftriaxone Therapy in Mice
10:45-11:00 AM	<b>BREAK</b>
11:00-11:35 AM	Klaus Eisendle, MD, PhD Focus Floating Microscopy as a Diagnostic Tool
11:35-12:10 PM	Armin Alaedini, PhD Immunologic Findings in Chronic Lyme
12:10-12:20 PM	<b>Discussion</b> Steven Schutzer, MD, Morning Session Facilitator
12:20-1:30 PM	<b>LUNCH BREAK</b>
1:30-2:05 PM	Daniel Clauw, MD Fibromyalgia: a New View with Neuroimaging Findings
2:05-2:40 PM	James Moeller, PhD Biomarkers of Chronic Neurologic Lyme Disease: Brain maps, pain pathways, and C6 ELISA
2:40-3:15 PM	Maha Assi, MD, MPH Lyme Disease Followed by Human Granulocytic Anaplasmosis in a Kidney Transplant
3:15-3:30 PM	<b>AFTERNOON BREAK</b>
3:30-4:05 PM	Benjamin Luft, MD How antibiotics work
4:05-4:40 PM	Katherine Feldman, DVM, MPH, DACVPM Tularemia
4:40-5:05 PM	Brian A. Fallon, MD, MPH Laboratory testing in Chronic Lyme Disease
5:05-5:15 PM	<b>Afternoon Discussion</b>
5:15-6:25 PM	Treatment Controversies: Lyme Disease Ray Stricker, MD    a. Treatment: the ILADS perspective Paul Auwaerter, MD    b. Treatment: the IDSA perspective (Format: 3 min intro from Moderator Fallon, 20 min presentation from each; each presentation immediately followed by 6 minute rebuttal from the other; 15 min Q&A from audience)
6:25-6:30 PM	<b>Closing Remarks</b> Brian A. Fallon, MD, MPH

**Faculty**

**Brian Fallon, MD**

Associate Professor of Clinical Psychiatry, Director of Neuropsychiatry  
Director, Lyme and Tick-Borne Disease Research Center, Columbia University Medical Center, New York, New York

**Armin Alaedini, PhD**

Department of Neurology and Neuroscience, Weill Medical College, Cornell University, New York, New York

**Maha Assi, MD, MPH**

Clinical Assistant Professor, Division of Infectious Diseases, Department of Internal Medicine, Mayo Clinic College of Medicine, Rochester, Minnesota

**Paul Auwaerter, MD**

Associate Professor, Department of Medicine, General Internal Medicine, Johns Hopkins University, Baltimore, Maryland

**Daniel Clauw, MD**

Professor of Medicine, Division of Rheumatology, Associate Dean for Clinical and Translational Research, Director, Chronic Pain and Fatigue Research Center, Director, Michigan Institute for Clinical and Health Research, Ann Arbor, Michigan

**Klaus Eisendle, MD, PhD**

Universitätsklinik für Dermatologie und Venerologie, Innsbruck Medical University, Innsbruck, Austria

**Katherine Feldman, DVM, MPH, DACVPM**

Assistant Director, Center for Public and Corporate Veterinary Medicine  
Virginia-Maryland Regional College of Veterinary Medicine, University of Maryland, College Park, Maryland

**Claire Fraser-Liggett, PhD**

Director, Institute of Genome Sciences, Head of Section, Microbial Evolution and Genomics, University of Maryland, College Park, Maryland

**Jill Livengood, PhD**

Division of Vector-Borne Infectious Diseases, Centers for Disease Control and Prevention, Fort Collins, Colorado

**Benjamin Luft, MD**

Chairman of Medicine, State University at Stony Brook, Stony Brook, New York

**James R. Moeller, PhD**

Assistant Professor of Clinical Psychiatry and Biological Psychiatry, Columbia University, New York, New York

**James H. Oliver, Jr., PhD**

Callaway Professor of Biology, Director, Institute of Anthropology and Parasitology, Georgia Southern University, Statesboro, Georgia

**Rafael Stricker, MD**

President, International Lyme & Associated Diseases Society, California State Lyme Disease Advisory Committee (LDAC) member, Union Square Medical Associates, San Francisco, California

**Heta Yrjanainen, MD, PhD**

Department of Medical Microbiology, University of Turku, Turku, Finland

**Steven E. Schutzer, MD**

Associate Professor of Medicine, University of Medicine & Dentistry NJ, New Jersey Medical School, Newark, New Jersey

**Accessibility**

*This conference is accessible to everyone. Please*

*note on the registration form if you need accommodations.*

**Hotel Reservations/**

**Directions**

**Boston Marriott Newton**  
2345 Commonwealth Avenue Newton,  
Massachusetts 02466

For reservations call  
1 800 228 9290 or 617 969 1000  
Meeting rate is \$149 for a single or  
double plus applicable taxes.  
Limited number available.

*For more information:*

**E-mail [lymeliter@aol.com](mailto:lymeliter@aol.com)**

*or visit*

**[www.LymeDiseaseAssociation.org](http://www.LymeDiseaseAssociation.org)**

*for online  
registration forms*

Registration Form (PLEASE PRINT/TYPE)

**Lyme & Other Tick-Borne Diseases: Bridging the Medical Chasm**

**Friday, October 26, 2007, 7:30 a.m.-6:40p.m. Marriott Boston Newton, Newton, Massachusetts**

Name (last) \_\_\_\_\_ (first) \_\_\_\_\_ (degree) \_\_\_\_\_

Title/Specialty for professionals \_\_\_\_\_

Affiliation \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (day) \_\_\_\_\_ Fax \_\_\_\_\_ E-Mail \_\_\_\_\_

Signature \_\_\_\_\_

**Accessibility:** Please indicate any particular accommodations or assistance needed:

**Fee includes breakfast, scientific lectures, lunch, 2 breaks, faculty compendium, & reception.**

✓ Check one: CME Recipients\* : \_\_\_\_\_ \$185 (by 9/28) \_\_\_\_\_ (\$205 after 9/28, space available)  
Non-CME Registrants: \_\_\_\_\_ \$135.00 (by 9/21) \_\_\_\_\_ (\$160.00 after 9/28, space available)  
\*CME – Continuing Medical Education credits for Physicians (8.75 Category 1 CME credits)

**CANCELLATION:** Written notice of cancellation must be RECEIVED BY LDA BY 9/21/07 for refund.  
**AVAILABILITY:** Registration subject to space availability at the time of receipt by LDA of completed registration.

**REGISTRATION**

**By Mail** Send this form with payment (check/money order \$US) to arrive no later than October 12, 2007 payable to  
Lyme Disease Association, Inc., P.O. Box 1438, Jackson, New Jersey 08527

**On Line** Credit card registration accepted only online [www.LymeDiseaseAssociation.org](http://www.LymeDiseaseAssociation.org)

**No Phone or Fax Registrations**

**ABSTRACTS:** Abstracts for poster presentations due by September 28, 2007  
One page maximum: Send to: [Lymeliter@aol.com](mailto:Lymeliter@aol.com)