

PROGRAM ACCREDITATION INFORMATION PAGE

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 (Eastern US vs. Western US).
- ✓ To learn about the mechanisms involved in the cellular pathogenesis of Lyme disease.
- ✓ To learn about recent research documenting post treatment persistence.
- ✓ To understand the evidence in favor of autoimmune mechanisms underlying persistent symptoms after treated Lyme disease.
- ✓ To learn how animal models can be applied to understanding persistence of symptoms in Lyme disease.
- ✓ To learn about the immunological findings in patients with post-treatment Lyme disease.
- ✓ To learn about the clinical neuropsychological profile of Lyme disease versus depression.
- ✓ To learn about Chronic Fatigue Syndrome.
- ✓ To learn about co-infections commonly associated with Lyme disease.

Who Should Attend

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

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the College of Physicians and Surgeons of Columbia University and the Lyme Disease Association, Inc. The College of Physicians and Surgeons of Columbia University is accredited by the ACCME to provide continuing medical education for physicians.

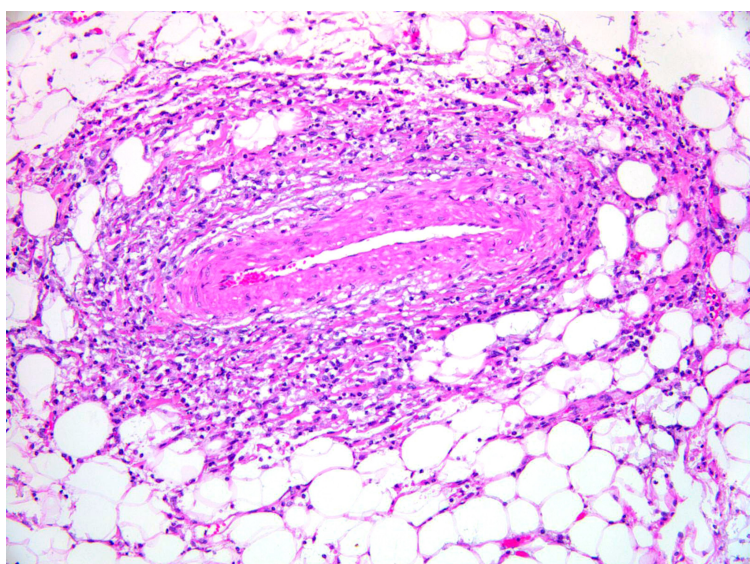
Designation Statement

The College of Physicians and Surgeons designates this educational activity for a maximum of 9.75 *AMA PRA Category 1 Credit(s)*.TM Physicians should only claim credit commensurate with the extent of their participation in the activity.

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Disclosure Statement

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.



Photomicrograph Courtesy of: Fabio Tavora, MD Armed Forces Institute of Pathology

(High power photomicrograph showing epicardial arteriole embedded in fatty tissue with intense chronic inflammatory infiltrates involving the wall of the vessel in a case of Lyme myocarditis)

The College of Physician & Surgeons of Columbia University

&

The Lyme Disease Association

present

**Lyme & Other Tick-Borne Diseases:
Solutions Through Cutting Edge Science**

9.75 Category 1 CME Credits

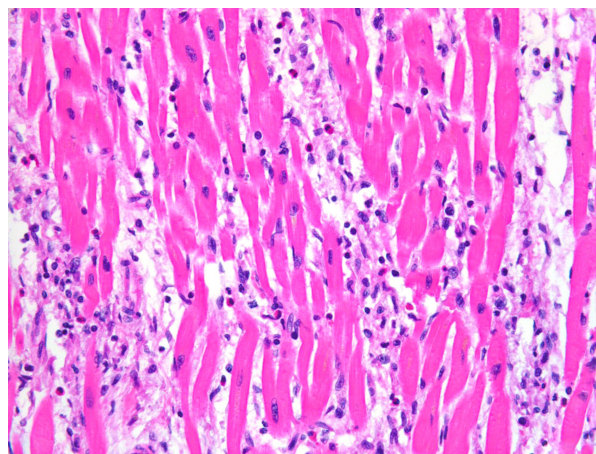


Lyme Disease Association, Inc.

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Lyme & Other Tick-Borne Diseases: Solutions Through Cutting Edge Science



Photomicrograph Courtesy of:
Fabio Tavora, MD
Armed Forces Institute of Pathology

High power photomicrograph showing myocarditis characterized by myocardial infiltration of mature lymphocytes and eosinophils splaying the fibers in a case of Lyme myocarditis)

A National Conference for Physicians & Allied Health Professionals

9.75 Category 1 CME Credits

FRIDAY, October 17, 2008...Cathedral Hill Hotel, San Francisco, CA

Jointly Sponsored by:



Lyme Disease Association Inc.



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

LYME & OTHER TICK-BORNE DISEASES: SOLUTIONS THROUGH CUTTING EDGE SCIENCE

An educational and networking event featuring prominent speakers on tick-borne diseases

Brian A. Fallon, MD Course Director

James N. Miller, PhD Co-Course Director

Conference Agenda October 17, 2008

Faculty

Lyme & Other Tick-Borne Diseases: Solutions Through Cutting Edge Science

7:30-8:00 AM	REGISTRATION/BREAKFAST/EXHIBITS
8:00-8:15 AM	Welcome, Remarks, & Introduction Patricia Smith, President, Lyme Disease Association Introduction of: Brian A. Fallon, MD, MPH, Director of Columbia Lyme & Tick-Borne Diseases Research Center Morning Session Facilitator
8:15-9:00 AM	Keynote Address Stephen W. Barthold, DVM, PhD Distinguished Professor, School of Veterinary Medicine, UC Davis "Mouse Lyme Disease Model of Persistent Infection"
9:00-9:35 AM	Mario T. Philipp, PhD Chairman, Division of Bacteriology & Parasitology, Tulane Medical School "Pathogenesis of Neuroborreliosis in Rhesus Monkeys"
9:35-10:10 AM	John Drulle Memorial Lecture Steven Schutzer, MD Professor, Dept. of Medicine, UMDNJ "Pathogens in Ticks: Eastern Versus Western United States"
10:10-10:45 AM	Patricia A Conrad, DVM, PhD Professor, Dept. of Pathology, Microbiology & Immunology, UC Davis "Babesia duncani and Babesia microti: Genetic Differences and Clinical Features"
10:45-11:00 AM	MORNING BREAK
11:00-11:35 AM	Diego Cadavid, MD Associate Director, Biogen Idec, Cambridge "Neuroborreliosis and the Role of IL-10"
11:35 AM-12:10 PM	Brian A. Fallon, MD Associate Professor of Clinical Psychiatry, Columbia University Medical Center "Biomarkers of Central Nervous System Lyme Disease"
12:10-12:20 PM	Discussion
12:20-1:30 PM	LUNCH BREAK
1:30-2:05 PM	Chris Contag, PhD Associate Professor, Dept. of Pediatrics and Microbiology and Immunology, Stanford University School of Medicine "Molecular Biophotonics: Imaging the Immune System and Infection"
2:05-2:40 PM	George Chaconas, PhD Department of Biochemistry & Molecular Biology, University of Calgary "High Resolution Imaging of the Lyme Disease Pathogen in a Living Host"
2:40-3:15 PM	Armin Alaedini, PhD Dept. of Neurology and Neuroscience, Weill Medical College/Cornell University "Immunological Findings in Post-Treatment Lyme Disease"
3:15-3:30 PM	AFTERNOON BREAK
3:30-4:05 PM	John G. Keilp, PhD Associate Professor, Dept. of Psychiatry, Columbia University Medical Center "Neuropsychological Profile of Lyme Disease Versus Depression"
4:05-4:40 PM	Fabio Tavora, MD Armed Forces Institute of Pathology, Washington, DC "Cardiovascular Pathology of Lyme Carditis Confirmed By PCR"
4:40-5:15 PM	Suzanne Vernon, PhD Scientific Director, CFIDS Association of America "Chronic Fatigue Syndrome: Current Research Advances"
5:15-5:50 PM	Panel Discussion "What are the human implications of animal model research?"
5:50-6:25 PM	Benjamin Luft, MD Professor of Medicine, State University at Stony Brook Topic TBA
6:25-6:35 PM	Discussion & Closing Remarks Brian Fallon, MD
6:35-8:35 PM	RECEPTION

Brian Fallon, MD, Course Director

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

James Miller, PhD, Co-Course Director

Professor Emeritus
University of California, Los Angeles

Armin Alaedini, PhD

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

Stephen W. Barthold, DVM, PhD

Distinguished Professor, School of Veterinary Medicine, UC Davis
Davis, California

Diego Cadavid, MD

Associate Director, Biogen Idec
Cambridge, Massachusetts

George Chaconas, PhD

Department of Biochemistry & Molecular Biology, University of Calgary
Calgary, Canada

Chris Contag, PhD

Associate Professor, Dept. of Pediatrics, Microbiology and Immunology,
Stanford University School of Medicine
Stanford, California

Patricia A Conrad, DVM, PhD

Professor, Dept. of Pathology, Microbiology and Immunology,
University of California, Davis
Davis, California

John G. Keilp, PhD

Associate Professor, Dept. of Psychiatry, Columbia University Medical Center
New York, New York

Benjamin Luft, MD

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

Mario T. Philipp, PhD

Chairman, Division of Bacteriology and Parasitology, Tulane Medical School
New Orleans, Louisiana

Steven E. Schutzer, MD

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

Fabio Tavora, MD

Armed Forces Institute of Pathology
Washington, DC

Suzanne Vernon, PhD

Scientific Director, CFIDS Association of America
Charlotte, South Carolina

Accessibility

This conference is accessible to everyone. Please note on the registration form if you need accommodations.

HOTEL RESERVATIONS:

Conference registrants must make own hotel reservations. Call 800 622 0855 & identify self as Lyme Disease Association group by Sept 14, 2008 to get discounted room rate.

Cathedral Hill Hotel
1101 Van Ness Avenue
San Francisco CA 94109

For more information:

E-mail lymeliter@aol.com

or visit

www.LymeDiseaseAssociation.org

for online

registration forms

Registration Form (PLEASE PRINT/TYPE)

Lyme & Other Tick-Borne Diseases: Solutions Through Cutting Edge Science

Friday, October 17, 2008, 7:30 a.m.-6:35p.m., Cathedral Hill Hotel, San Francisco CA

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, exhibits, lunch, 2 breaks, faculty compendium, reception

✓Check one: CME Recipients* : _____ \$195 (by 9/16) _____ (\$215 after 9/16, space available)

Non-CME Registrants: _____ \$140.00 (after 9/16) _____ (\$165.00 after 9/16)

AFTER OCTOBER 6, 2008, NO BY MAIL REGISTRATIONS WILL BE ACCEPTED, ONLINE ONLY

AT THE DOOR REGISTRATIONS (Space available) ADD \$10 to highest fee in category Checks or cash only at door, no credit cards at door.

*CME – Continuing Medical Education credits for Physicians (9.75 Category 1 CME credits)

CANCELLATION: Written notice of cancellation must be RECEIVED BY LDA BY 9/16/08 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 6, 2008 payable to
Lyme Disease Association, Inc., P.O. Box 1438, Jackson, New Jersey 08527

By Credit Card Only online at www.LymeDiseaseAssociation.org **No Phone or Fax Registrations**

ABSTRACTS: Abstracts for poster presentations to be considered for approval due by September 12, 2008 One page maximum Send to: Lymeliter@aol.com