

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 epidemiology of Lyme and other tick-borne diseases in the United States.
- ✓ To learn about the diversity of ticks in the Southern United States and the infections they carry.
- ✓ To learn about the distribution of tick-borne diseases via canine studies.
- ✓ To learn about recent research in vaccine development.
- ✓ To learn about the immunology and genetics of *Borrelia burgdorferi*.
- ✓ To learn about potential application of IV immunoglobulin therapy in autoimmune peripheral neuropathy.
- ✓ To learn about how cytokines produce sickness symptoms.
- ✓ To learn about tick-borne viral infections.
- ✓ To learn about Lyme carditis in children.
- ✓ To learn about the role of structural brain imaging in Lyme disease

Target Audience

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.

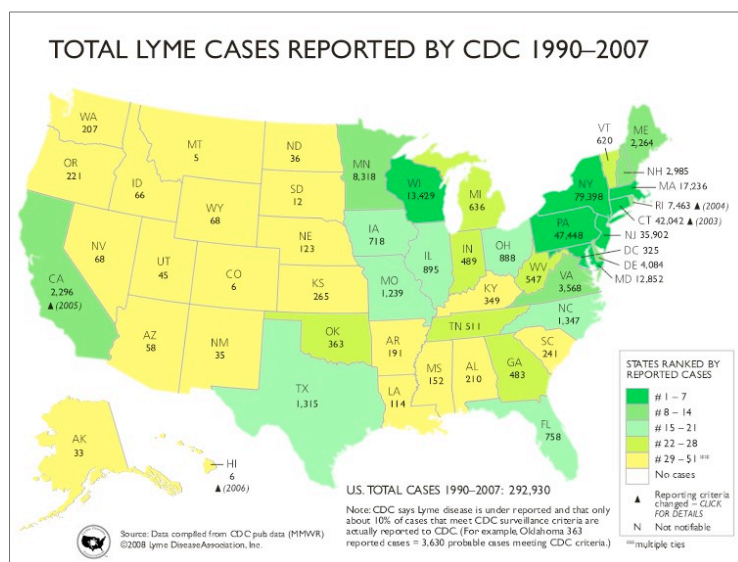
Designation Statement

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

COPYRIGHT: 2008 © Trustees of Columbia University. All Rights Reserved

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.



Lyme Disease Association, Inc.

PO Box 1438 Jackson New Jersey 08527

NON-PROFIT ORG.
U.S. POSTAGE
PAID
PERMIT NO. 1
NEW BRUNSWICK, NJ

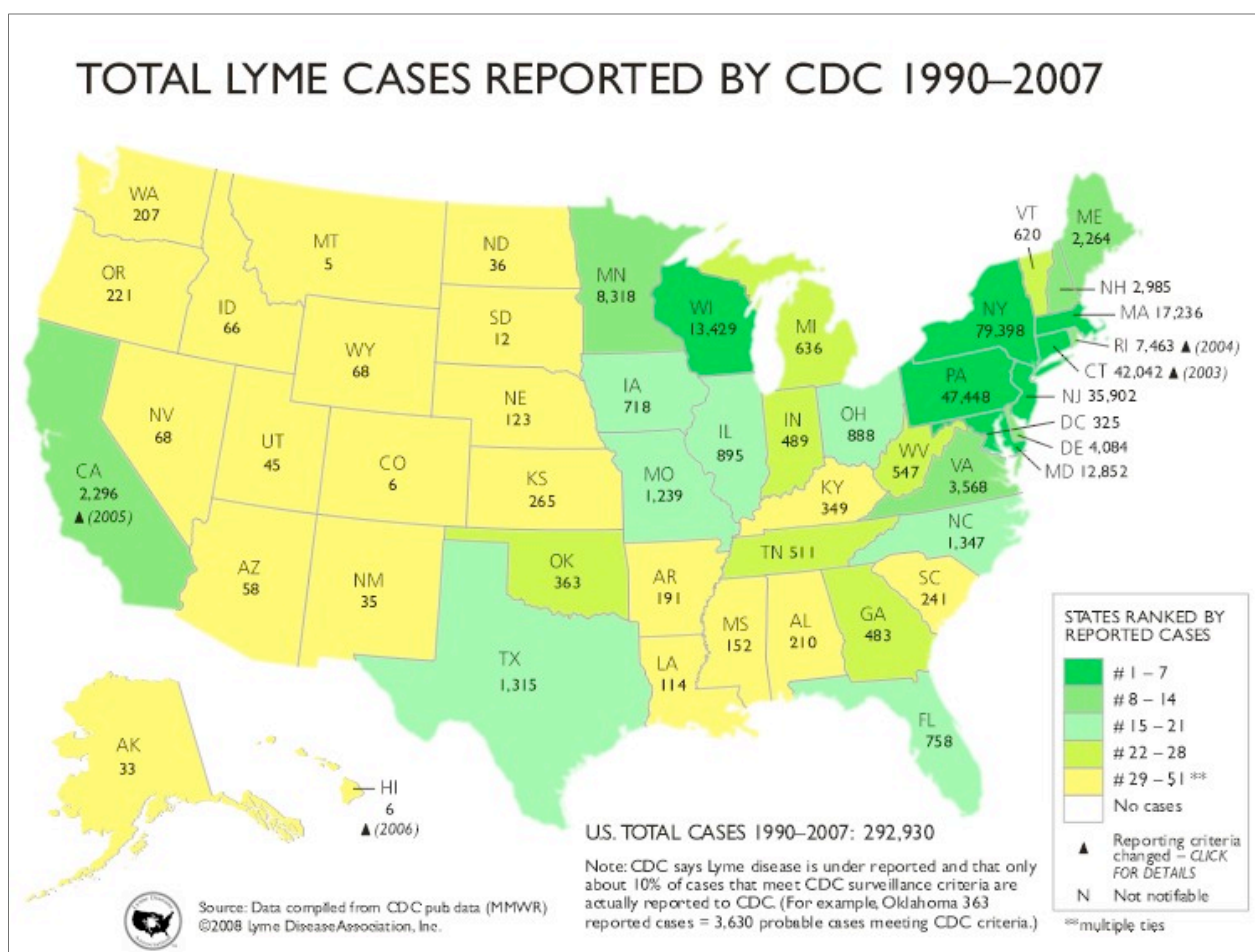
*The College of
Physician & Surgeons of Columbia University
&*

*The Lyme Disease Association
present*

**Lyme & Other Tick-Borne Diseases:
34 Years, From Lyme, Connecticut**

Across the Nation

8.75 Category 1 CME Credits



**Lyme & Other Tick-Borne Diseases:
34 Years, From Lyme, Connecticut,
Across the Nation**

*A National Conference
for Physicians & Allied Health Professionals
8.75 Category 1 CME Credits*

Friday, October 23, 2009

**Gaylord National Hotel & Convention Center
National Harbor, MD**

Jointly Sponsored by:



Lyme Disease Association Inc.

and



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

Lyme & Other Tick-Borne Diseases: 34 Years, From Lyme, Connecticut Across the Nation

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

Brian A. Fallon, MD Co-Course Director

Richard T. Marconi, PhD Co-Course Director

AGENDA— MORNING

- 7:30 - 8:00 AM** REGISTRATION/BREAKFAST/EXHIBITS
8:00 - 8:15 AM **Welcome, Remarks, and Introduction**
Patricia Smith, President, Lyme Disease Association
Introduction of: Richard Marconi, PhD, Morning Session Facilitator
- 8:15 - 8:55 AM** **Keynote**
C. Ben Beard, PhD
Director, Division of Vector-Borne Infectious Diseases, CDC
"Lyme Disease in the United States"
- 8:55 - 9:30 AM** **Dr. Ed Masters Memorial Lecture**
Kerry Clark, PhD
Professor of Epidemiology and Environmental Health
University of North Florida
"Southern Tick-Borne Infections"
- 9:30 - 10:05 AM** **Susan E. Little, DVM, PhD**
Professor / Krull-Ewing Endowed Chair
Dept. for Veterinary Pathology, Oklahoma State University
"Dogs as Sentinels of Tick-Borne Infection"
- 10:05 - 10:40 AM** **Christopher Earnhart, PhD**
Department of Microbiology and Immunology
Medical College of Virginia at Virginia Commonwealth University
"Lyme Disease Vaccine Development: An Update on Recent Progress"
- 10:40 - 10:55 AM** **BREAK**
- 10:55 - 11:30 AM** **X. Frank Yang, PhD**
Assistant Professor of Microbiology and Immunology
Indiana University School of Medicine
"Genetic Regulation of Borrelia Genes"
- 11:30 - 12:05 PM** **Richard Marconi, PhD**
Professor / Department of Microbiology and Immunology
Medical College of Virginia at Virginia Commonwealth University
"Immune Evasion Mechanisms of Pathogenic Spirochetes"
- 12:05 - 12:20 PM** **Discussion (morning Speakers)**
- 12:20 - 1:35 PM** **LUNCH BREAK**

AGENDA – AFTERNOON

Afternoon Session Facilitator: Steven Schutzer, MD

- 1:35 - 2:10 PM** **Amiram Katz, MD**
Assistant Professor, Department of Neurology, Yale University
"IV Immunoglobulin and Autoimmune Disease in Lyme Peripheral Neuropathy"
- 2:10 - 2:45 PM** **Robert Dantzer, MD**
Professor of Psychoneuroimmunology, Department of Pathology
University of Illinois at Urbana-Champaign
"From Inflammation to Sickness Behavior: The Role of Cytokines"
- 2:45 - 3:20 PM** **Phyllis Faust, MD, PhD**
Assistant Professor of Clinical Pathology, Department of Pathology
Columbia University Medical Center
"Tick-Borne Encephalitis – A Fatal Case"
- 3:20 - 3:55 PM** **Diane M. Gubernot, MPH**
Senior Regulatory Scientist,
Div. of Emerging & Transfusion-Transmitted Diseases OBRR/CBER/FDA
"Babesia Infection and the US Donor Blood Supply"
- 3:55 - 4:10 PM** **BREAK**
- 4:10 - 4:45 PM** **Peter Hildenbrand, MD**
"Magnetic Resonance Imaging in Lyme Disease"
- 4:45 - 5:20 PM** **John Costello, MD, MPH**
Assistant Professor of Pediatrics, Harvard Medical School
"Lyme Carditis in Children"
- 5:20 - 5:55 PM** **Patrick McAuliffe, PhD**
Adjunct Assistant Professor of Psychology and Education
Teachers College, Graduate School of Education, Columbia University
"Neuropsychological Deficits in Children and the School System"
- 5:55 - 6:25 PM** **Dr. John Drulle Memorial Lecture**
Brian A. Fallon, MD, MPH
Professor of Clinical Psychiatry, Columbia University
"New Research Findings on Neuropsychiatric Lyme Disease"
- 6:25 - 6:45 PM** **Discussion (afternoon speakers)**
- 6:45 - 8:30 PM** **RECEPTION**

Faculty

Brian Fallon, MD, MPH, Co-Course Director

Professor, Clinical Psychiatry
Director, Neuropsychiatry
Director, Lyme & Tick-Borne Diseases Research Center
Columbia University, College of Physicians & Surgeons
New York, New York

Richard T. Marconi, PhD, Co-Course Director

Professor, Department of Microbiology & Immunology
Center for the Study of Biological Complexity
Medical College of Virginia at Virginia Commonwealth University
Richmond, Virginia

Patrick McAuliffe, PhD

Adjunct Assistant Professor, Psychology & Education
Teachers College – Graduate School of Education
Columbia University
New York, New York

C. Ben Beard, PhD

Director, Bacterial Diseases Branch,
Div. of Vector-Borne Infectious Diseases
Centers for Disease Control & Prevention
Fort Collins, Colorado

Kerry Clark, PhD

College of Health
University of North Florida
Jacksonville, Florida

Susan E. Little, DVM, PhD, DEVPC

Professor, Krull-Ewing-Endowed Chair
Department of Veterinary Pathology Center for Veterinary Health Sciences
Oklahoma State University
Stillwater, Oklahoma

Amiram Katz, MD

Assistant Professor, Department of Neurology
Yale University
Orange, Connecticut

Robert Dantzer, MD

Professor of Psychoneuroimmunology
Department of Pathology
Director, Integrative Immunology & Behavior Program
University of Illinois at Urbana-Champaign
Urbana, Illinois

Christopher Earnhart, PhD

Department of Microbiology and Immunology
Center for the Study of Biological Complexity
Post Office Box 980549
Medical College of Virginia at Virginia Commonwealth University
Richmond, Virginia

Phyllis L. Faust, MD, PhD

Assistant Professor of Clinical Pathology
Department of Pathology
Columbia University, College of Physicians & Surgeons
New York, New York

Peter Hildenbrand, MD

Department of Radiology
Lahey Medical Clinic
Burlington, Massachusetts

Diane M. Gubernot, MPH

Senior Regulatory Scientist
Div. of Emerging and Transfusion-Transmitted Diseases
OBRR/CBER/FDA
Washington, DC

X. Frank Yang, PhD

Assistant Professor, Microbiology & Immunology
Department of Microbiology and Immunology
Indiana University School of Medicine
Indianapolis, Indiana

John M. Costello, MD, MPH

Assistant Professor of Pediatrics
Harvard Medical School Division of Cardiac Intensive Care
Department of Cardiology
Children's Hospital Boston
Boston, Massachusetts

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. To make a phone reservation, call (301) 965-4000 for Gaylord National Hotel & Convention Center. Mention the Lyme Disease Association meeting by Sept 24, 2009 to get discounted room rate of \$159 per night, plus a \$20 resort fee, plus tax.. Parking fee \$5 per day.

Gaylord National Hotel and Convention Center
201 Waterfront Street
National Harbor, MD 20745

For more information:

E-mail lymeliter@aol.com

or visit

www.LymeDiseaseAssociation.org

for online

registration forms

Registration Form (PLEASE PRINT/TYPED)

Lyme & Other Tick-Borne Diseases: Thirty-Four Years, From Lyme, Connecticut Across the Nation

Friday, October 23, 2009, 7:30 a.m.-6:45 p.m. Reception 6:45 p.m.-8:45 p.m.

Gaylord National Hotel and Convention Center

201 Waterfront Street

National Harbor, MD 20745

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*: _____ \$210 (by 9/21) _____ \$235 (after 9/21)

Non-CME Registrants: _____ \$145.00 (by 9/21) _____ (\$170.00 after 9/21)

AFTER OCTOBER 9, 2009, NO BY MAIL REGISTRATIONS WILL BE ACCEPTED, ONLINE ONLY

AT THE DOOR REGISTRATIONS (Space available only) ADD \$15 to highest fee in category Checks or cash only at door, no credit cards at door.

*CME – Continuing Medical Education credits for Physicians (8.75 Category 1 CME credits)

CANCELLATION: Written notice of cancellation must be **RECEIVED BY LDA BY 9/24/09** for refund.

AVAILABILITY: Registration subject to space availability at the time of receipt by LDA of completed registration. NO registrations accepted without payment.

REGISTRATION: By Mail – Send this form with payment (check/money order \$US) to arrive no later than October 9, 2009 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