

Program Description

An educational, fully CME accredited program on Lyme & other tick-borne diseases for health care providers.

Educational Objectives:

- ✓ To present & discuss a clearly documented case of Lyme disease, including pathology and treatment
- ✓ To understand the usefulness of new brain imaging techniques in diagnosis & treatment.
- ✓ To understand the direction Lyme disease research is taking in the 21st century.
- ✓ To understand the role genomics is playing in Lyme disease.

Who should attend

Target audience is physicians, nurses, social workers, psychologists. The general public is also welcome to attend.

Continuing Medical Education Credits

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) 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 takes responsibility for the content, quality, and scientific integrity of this CME activity. The College of Physicians and Surgeons designates this educational activity for a maximum of 8.5 Category 1 Credits towards the AMA Physician's Recognition Award. Each physician should claim only those credit hours that he/she actually spent in the activity.

Before the program, all faculty will disclose the existence of any financial interest and/or other relationship(s) (e.g. employee, consultant, speaker's bureau, grant recipient, research support, stock ownership, or any other special relationship) they might have with a) the manufacturer(s) of any commercial product(s) to be discussed during their presentation and/or b) any commercial contributor to this activity. When unlabeled uses are discussed, these will also be indicated.

Directions, Driving

From I-95 (North or South) take exit 21 (in New York) to 287 West. Follow 287 West to Exit 10 (Webb Av). At Exit 10, at traffic light continue straight for 2/10 mile. At next traffic light make a right onto 120A (Westchester Ave.) Follow Westchester three more lights and then turn left into the hotel. From 287 East (Tappan Zee Bridge), take Exit 10. After exiting, you will be on Westchester Ave. Follow Westchester Avenue ahead while forking left at the signs for Port Chester/120A and the hotel will be four lights ahead on the left.

Westchester County Airport

Distance from hotel: 8 mi.

Drive time: 15 min.

Directions: Take Route 684 South to Route 287 East. Follow 287 East to Exit 10 (Port Chester/120A). Follow Westchester Avenue, bearing left at the fork toward Port Chester, for four lights. The hotel is located on your left at the fourth light.

Getting to and from the Airport

Limousine , typical minimum charge is USD 30.00

Taxi , typical minimum charge is USD 25.00

La Guardia

Distance from hotel: 22 mi.

Drive time: 45 min.

Directions: Grand Central Pkwy E. to Exit 9 to Whitestone Bridge to Hutchinson River Pkwy. Hutch to Exit 26E follow signs to Westchester Ave. After second light follow to Port Chester/120A. Hotel 4th light on left.

Getting to and from the Airport

Limousine , typical minimum charge is USD 85.00

Taxi , typical minimum charge is USD 60.00

John F Kennedy International

Distance from hotel: 29 mi.

Drive time: 55 min.

Directions: Van Wyck North to Whitestone Bridge to Hutchinson River Parkway. Hutch to Exit 26E follow signs to Westchester Avenue. After second light follow to Port Chester/120A. Hotel is 4th traffic light on left.

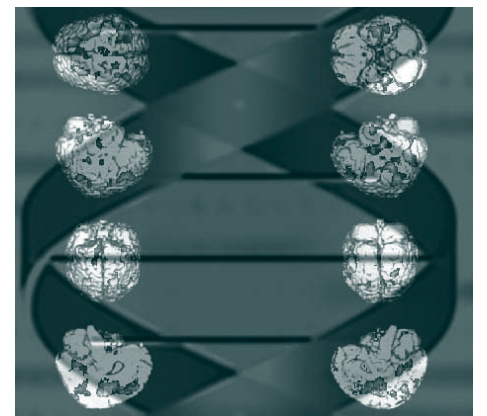
Getting to and from the Airport

Limousine , typical minimum charge is USD 85.00

Lyme & Other Tick-Borne Diseases:
Technology Leading the Way
8.5 Category 1 CME Credits

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

PET scan overlay, courtesy of:
Dr Brian Fallon, Columbia University

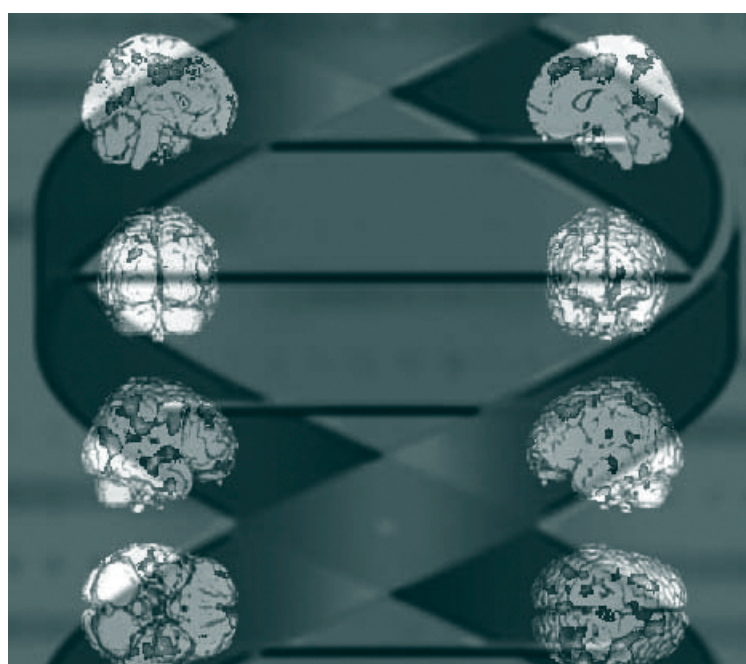


Lyme Disease Association, Inc.
PO Box 1438 Jackson, NJ 08527



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Lyme & Other Tick-Borne Diseases:



PET scan overlay courtesy of:
Dr Brian Fallon, Columbia University

Technology Leading the Way

**A National Conference for Physicians
& Allied Health Professionals**

**FRIDAY, OCTOBER 22, 2004
HILTON, RYE TOWN, NY**

Jointly Sponsored by:



Lyme Disease Association, Inc.



COLUMBIA UNIVERSITY

College of Physicians
and Surgeons

Lyme & Other Tick-Borne Diseases: Technology Leading the Way

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: Technology Leading the Way October 22, 2004 Rye Town NY

7:30-8:00 a.m. **Registration/Breakfast**
8:00-8:10 a.m. **Welcome & Conference Purpose** Patricia V. Smith, President, Lyme Disease Association
Brian A. Fallon, MD, Morning Session Facilitator

8:10-8:55 a.m. **Keynote Address Genomics**
Claire Fraser, PhD The Institute of Genomic Research, TIGR

8:55-9:35 a.m. **Results of Genome Study**
Benjamin Luft, MD SUNY Stony Brook

9:35-10:15 a.m. **Neurologic Manifestations of Chronic Lyme Disease: Autoimmune Mechanisms & Possible Treatments**
Norman Latov, MD NY Hospital: Cornell Weill

10:15-10:35a.m. **Break**

10:35 a.m.-11:15 a.m. **Infection Induced Evidence of Autoimmunity with Lyme Disease in the Animal Model**
Elizabeth Raveché, PhD University of Medicine & Dentistry, NJ

11:15 a.m.-11:55 a.m. **Cross-immunity to Infected Tick Challenge Generated by Rabbits Infected with Host-adapted Sensu Stricto Strains of Borrelia burgdorferi**
James Miller, PhD UCLA

11:55am-12:35 p.m. **Clinical Differential Diagnosis of Neurologic Lyme Disease: MS vs ALS vs Lyme**
P.K. Coyle, MD Stony Brook

12:35-1:50 p.m. **Lunch**

Introduction of: Afternoon Session Facilitators, Steven Schutzer, MD & Sherwood Casjens, PhD

1:50-2:30 p.m. **Ecological Drivers of Variable Lyme Disease Risk**
Rick Ostfeld, PhD Institute of Ecosystem Studies

2:30-2:55 p.m. **Case Presentation Part I: Clinical**
Ken Liegner, MD Private Practice, Armonk, NY

2:55-3:15 p.m. **Case Presentation Part II: Pathology**
Jenny Libian, MD Columbia University Health Sciences Center

3:15-3:30 p.m. **Interactive Treatment Discussion, Speakers & Conference Members**

3:30-3:50 p.m. **Break**
Columbia-NINDS Study of Chronic Lyme Encephalopathy Report

3:50-4:00 p.m. **Background, Rationale, and Review of Study Design**
Brian Fallon, MD Columbia University

4:00-4:15 p.m. **Serologic, PCR, and Co-infection Testing in Chronic Lyme Encephalopathy**
Brian Fallon, MD Columbia University

4:15-4:35 p.m. **Baseline Neuropsychological Deficits: Profile of Chronic Lyme Disease vs Other Disorders**
John Keilp, PhD New York State Psychiatric Institute

4:35-4:55 p.m. **MRI Findings in Chronic Lyme Disease**
Angela Lignelli, MD Columbia University, NY Presbyterian Medical Center

4:55-5:20 p.m. **PET Imaging Findings in Chronic Lyme Disease vs Other Neuropsychiatric Disorders**
Harold Sackeim, PhD Columbia University, NYS Psychaitric Institute

5:20-5:35 p.m. **Results of Controlled Treatment Trial**
Brian Fallon, MD Columbia University

5:35-5:55 p.m. **Interactive Discussion**

5:55-6:00 p.m. **Closing Remarks**

6:15-8:15 p.m. **Reception**

Faculty:

Sherwood Casjens, PhD,
Professor, Division of Cell Biology & Immunology, Department of Pathology, Adjunct Professor,
Department of Biology, University of Utah College of Medicine; NIH Committees: Advisor to National Center for
Biotechnology Information's Viral RefSeq Genomes Database, Study Section on Regional Centers of Excellence in Biodefense
Research; American Academy of Microbiology workshop on Future Directions for Bacterial Genomics, Salt Lake City, Utah

P.K. Coyle, MD,
Professor & Acrtng Chair, Dept. of Neurology
Director, Multiple Sclerosis Comprehensive Care Center, SUNY Stony Brook, New York, New York

Brian A. Fallon, MD, MPH, MEd
Director, Lyme Disease Research Program, New York State Psychiatric Institute;
Associate Professor of Clinical Psychiatry,
Columbia University, College of Physicians and Surgeons, New York, New York

Claire Fraser, PhD
President and Director, Investigator
The Institute for Genomic Research TIGR
Borrelia sequencing team leader
Editorial Board, The Journal of Biological Chemistry, Rockville, MD

John Keilp, PhD
Research Scientist, Division of Neuroscience
Neuropsychologist
New York State Psychiatric Institute, New York, NY

Norman Latov, MD, PhD
Professor of Neurology & Neuroscience
Director, Peripheral Neuropathy Clinical & Research Center
Weill Medical College, Cornell University, New York, NY

Jenny Libian, MD
Fellow in Neuropathology
Columbia University Health Sciences Center, New York, NY

Kenneth Liegner, MD
Private practice, Internal Medicine and Critical Care Medicine
Associate Editor, Journal of Spirochetal and Tick-Borne Diseases, Armonk, NY

Angela Lignelli, MD
Assistant Professor of Radiology
Columbia University
Attending in Neuroradiology
New York Presbyterian Medical Center, New York, NY

Benjamin Luft, MD
Chairman of Medicine
State University of New York, Stony Brook
Stony Brook, New York

James Miller, PhD
Professor Emeritus on Recall
UCLA School of Medicine
Department of Microbiology & Immunology, Los Angeles, CA

Rick Ostfeld, PhD
Scientist, Animal Ecologist
Institute for Ecosystem Studies, Millbrook, NY

Elizabeth S. Raveché, PhD
Professor of Pathology & Laboratory Science,
NJ Medical School, University of Medicine and Dentistry of NJ (UMDNJ)
Newark, NJ

Steven E. Schutzer, MD
Associate Professor of Medicine, University of Medicine and Dentistry of NJ, NJ Medical School
Newark, NJ

Harold Sackeim, PhD
Professor of Psychiatry & Radiology, Columbia University
Director of Biological Psychiatry
New York State Psychiatric Institute, New York, NY

Accessibility

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

Hotel Reservations/Directions

Call Hilton Rye Town
800-695-8284
699 Westchester Ave. Rye Brook, NY 10573

Mention Lyme Disease Association conference
for room discount by Sept. 29 2004

www.america.com/hiltonryetown/

For more information:

E-mail lymeliter@aol.com

or visit

www.LymeDiseaseAssociation.org

for online
registration forms

Mail in Registration Form (PLEASE PRINT/TYPE)

Lyme Disease Association

Lyme & Other Tick-Borne Diseases: Technology Leading the Way

Friday, October 22, 2004, 7:30a.m.-6:00p.m. Hilton Rye Town, West Chester County, New York

Name (last) _____ (first) _____ (degree) _____

Title/Specialty _____

Affiliation if applicable _____

Address _____

City _____ State _____ Zip _____

Phone (day) _____ Fax _____ E-Mail _____

Signature _____

Please indicate any particular accommodations or assistance needed: _____

Fee includes breakfast, scientific lectures, lunch, 2 breaks, proceedings, & reception.

Check one: CME Recipients* : \$135 (by 9/24) (\$160 after 9/24, space available)

Non-CME Registrants: \$95.00 (by 9/24) (\$110.00 after 9/24, space available)

NJ State Professional Development Registrants**: \$105 (by 9/24) (\$120 after 9/24, space available)

On-Line Registrations: Go to www.LymeDiseaseAssociation.org

**REFUND: WRITTEN NOTICE OF CANCELLATION MUST BE RECEIVED BEFORE 9/30/04
OR NO REFUND WILL BE MADE. NO EXCEPTIONS.**

Please send this form with payment to arrive no later than October 18, 2004

Payable: **Lyme Disease Association, Inc., P.O. Box 1438, Jackson, New Jersey 08527.**

*CME - Columbia Provides Continuing Medical Education (CME) credits for physicians & other health care providers

**Provides Professional development hours for NJ educators; LDA is a New Jersey State Professional Development Provider

ABSTRACTS FOR POSTER PRESENTATIONS (ONE PAGE MAXIMUM) DUE BY OCTOBER 1, 2004.

Send to: LDA 5019 Megill Rd. Farmingdale, NJ 07727