



Lyme & Other Tick-borne Diseases: Focus on Children & Adolescents

A National Conference for Physicians & Allied Health Professionals

SATURDAY, NOVEMBER 4, 2000

DORAL FORRESTAL, PRINCETON, NEW JERSEY

Sponsored by:



Lyme Disease Association, Inc.



**Jersey Shore Medical Center Division
of Meridian Hospitals Corporation**

Supported by an educational grant from GlaxoWellcome

Photo Credit:
David W. Durward, PhD
NIH Rocky Mountain Labs, MT

Educational Objectives:

- ✓ Understand mechanisms which enable *Borrelia burgdorferi* to evade the immune system.
- ✓ Identify criteria for diagnosis and treatment of Lyme disease through history, physical examination, and symptoms.
- ✓ Increase awareness of testing methods for Lyme and other tick-borne diseases and the role of testing in diagnosis and treatment.
- ✓ Increase awareness of the CDC's surveillance criteria's only purpose—that is, mandatory reporting of Lyme disease.

Who should attend

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

Continuing Medical Education Units

A total of nine Category I CME Credits will be provided by the Jersey Shore Medical Center (JSMC) Division of Meridian Hospitals Corporation (MHC). The JSMC Division of MHC is accredited by the Medical Society of New Jersey (MSNJ) to sponsor CME for physicians. JSMC designates this CME activity for up to 9 hours in Category I of the Physician's Recognition Award of the MSNJ or AMA. Each physician should claim only those hours of credit that he/she actually spent in the educational activity. JSMC, in approving courses for Category I adheres to the ACCME "Guidelines for Commercial Support." JSMC is responsible for every aspect of the program it certifies, and faculty participants are expected to disclose any commercial relationships that might be perceived as a real or apparent conflict of interest.

Registration Fee and Deadline

Fee is \$125 for physicians and \$80 for non-physicians and medical students. Includes all conference materials, breakfast, luncheon, reception and morning/afternoon breaks. Deadline for registration is Friday, October 27, 2000. Please complete the registration form and send with your check, made payable to the Lyme Disease Association, Inc., PO Box 1438, Jackson, New Jersey 08527. Credit cards are not an accepted method of payment.

Accessibility

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

Hotel Reservations/Directions

Call the Doral Forrestal at 1-800-222-1131 or visit www.forrestal.com.

For more information:

*e-mail lymeliter@aol.com,
or call (732) 938-4834.*

Registration Form

Lyme & Other Tick-borne Diseases: Focus on Children and Adolescents
Saturday, November 4, 2000 at the Doral Forrestal, Princeton, New Jersey

Name _____

Title/Specialty _____


Affiliation _____

Address _____

City _____ State _____ Zip _____

Phone (day) _____ Fax _____

E-Mail _____

 Please indicate any particular accommodations or assistance needed:

Check one:

- Physicians/allied professionals/CMEs included (\$125).
- Other/no CMEs included (\$80).

Please send this form with payment to arrive no later than October 27, 2000 to the Lyme Disease Association, Inc., P.O. Box 1438, Jackson, New Jersey 08527.

The Lyme Disease Association presents
Lyme & Other Tick-borne Diseases: Focus on Children & Adolescents

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

Conference Agenda:

Saturday, November 4, 2000

- 7:30-8:05 a.m. **Registration/Breakfast/Exhibits**
- 8:05-8:10 a.m. **Welcome**
Patricia V. Smith, President
Lyme Disease Association
Brian A. Fallon, MD, Facilitator
- 8:10-8:30 a.m. **Opening Remarks**
Arno Karlen, PhD
- 8:30-9:15 a.m. **Lymphocytic Tropism by *Borrelia burgdorferi***
David W. Dorward, PhD
- 9:15-10:00 a.m. **Overview of Testing for Lyme and Other Tick-borne Diseases with Clinical Applications**
Gregory Bach, DO, PC
- 10:00-10:45 a.m. **Pediatric Clinical Assessment of Lyme Disease in Children and Adolescents**
Charles Ray Jones, MD
- 10:45-11:00 a.m. **Break/Exhibits**
- 11:00-11:45 a.m. **Review of *Borrelia*-driven Infections of the Gastrointestinal Tract in Children and Adolescents**
Martin Fried, MD
- 11:45 a.m.-12:45 p.m. **Treatment of Children and Adolescents with Neuropsychiatric Lyme Disease: A Model for Collaboration**
Sandra K. Berenbaum, CSW, BCD,
M. Lynn Canon, CSW, BCD
- 12:30-12:45 p.m. **Questions**
- 12:45-1:30 p.m. **Luncheon/Exhibits**
- 1:30-2:15 p.m. **Neurologic Manifestations of Lyme Disease in Children and Adolescents**
Dorothy Pietrucha, MD
- 2:15-3:00 p.m. **Ophthalmologic Manifestations of Lyme Disease**
Eric L. Singman, MD, PhD
- 3:00-3:15 p.m. **Break/Exhibits**
- 3:15-4:00 p.m. **The Increasing Incidence of Co-infection: Babesiosis and Ehrlichiosis**
Richard I. Horowitz, MD
- 4:00-4:45 p.m. **Neuropsychiatric Lyme Disease in Children and Adolescents**
Brian A. Fallon, MD
- 4:45-5:00 p.m. **Questions**
- 5:00-6:30 p.m. **Treatment Panel**
Brian A. Fallon, Facilitator;
Gregory Bach, DO, PC; Emilia C. Eiras, MD;
Richard I. Horowitz; Charles Ray Jones, MD
- 6:45-8:45 p.m. **Reception**

Faculty:

David W. Dorward, PhD

Microbiologist and Facility Manager
National Institute of Allergy and Infectious Diseases
National Institutes of Health
Rocky Mountain Labs, Hamilton, Montana

Gregory Bach, DO, PC

Physician for the Pennsylvania State Athletic Commission
Boxing Commission
Private Medical & Research Practice, Colmar, Pennsylvania

Sandra K. Berenbaum, CSW, BCD

M. Lynn Canon, CSW, BCD
Family Connections Center for Counseling
Wappingers Falls, New York

Emilia C. Eiras, MD

Attending Physician, Jersey Shore Medical Center
Neptune, New Jersey

Brian A. Fallon, MD

Director, Lyme Disease Research Program
New York State Psychiatric Institute
Associate Professor of Clinical Psychiatry
Columbia University of Physicians and Surgeons
New York, New York

Martin Fried, MD

Director of Pediatric Gastroenterology and Nutrition
Assistant Program Director, Department of Pediatrics
Jersey Shore Medical Center, Neptune, New Jersey

Richard I. Horowitz, MD

Assistant Director of Internal Medicine
Vassar Brothers Hospital
Attending Physician, St. Francis Hospital
Poughkeepsie, New York

Charles Ray Jones, MD

Pediatric and Adolescent Medicine
New Haven, Connecticut

Arno Karlen, PhD

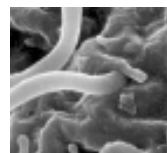
Psychoanalyst in Private Practice, New York City
Faculty at Washington Square Institute for Mental Health
Author of the recently published *Biography of a Germ* and
Man and Microbes: Diseases and Plagues in History and Modern Times

Dorothy Pietrucha, MD

Director, Division of Pediatric Neurology
Assistant Medical Director, Child Evaluation Center
Jersey Shore Medical Center, Neptune, New Jersey

Eric L. Singman, MD, PhD

Director, Vision Rehab Clinic, Eye Specialists of Lancaster
Neuro-ophthalmologist for Pennsylvania Neuro Center
Lancaster, Pennsylvania



On the front:
A scanning electron microscope image of *Borrelia burgdorferi* penetrating a human B cell (in vitro), at a magnification of approximately 13,700.

Photo Credit:
David W. Dorward, PhD
NIH Rocky Mountain Labs, MT