

Organizing Committee

Brian Fallon, MD *Columbia University College of Physicians & Surgeons*
James Miller, PhD *UCLA School of Medicine*
Ronald Schell, PhD *University of Wisconsin School of Medicine*
Willy Burgdorfer, PhD, MD (Hon) *National Institutes of Health*
Sam Donta, MD *Boston University School of Medicine*
Ed Bosler, PhD *SUNY at Stonybrook School of Medicine*
Julie Rawlings, MPH *Texas Department of Health*
Charles Pavia, PhD *New York Medical College*



Conference Goals

- Recognize the complex nature of *Borrelia burgdorferi* in both in terms of its antigenic variability and the host response to infection;
- Understand the rationale for different treatment approaches to Lyme disease in animals and humans;
- Clarification of the role of diagnostic tests for Lyme disease;
- Understand the presentations of neurologic Lyme disease in children and adults, including the role of neuropsychological testing and neuroimaging;
- Understand the epidemiology, clinical phenomenology, and diagnostic methods for detecting other vector-borne diseases, such as babesiosis, ehrlichiosis, Rocky Mountain spotted fever, and West Nile virus;
- Understand relevant research regarding these diseases.

Accreditation

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 & Surgeons of Columbia University and the Lyme Disease Foundation.

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

The College of Physicians & Surgeons designates this educational activity for a maximum of **16 hours** in Category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

Disclosure

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.

LYME DISEASE FOUNDATION

1 Financial Plaza, Hartford, CT 06103
860-525-2000 Fax 860-525-8425 Hotline 800-886-LYME
LymeMf@aol.com www.Lyme.org

14th INTERNATIONAL SCIENTIFIC CONFERENCE ON LYME DISEASE & OTHER TICK-BORNE DISORDERS

DIAGNOSIS, TREATMENT, RESEARCH UPDATE



April 21 - 23, 2001
Farmington Marriott, Farmington, CT

Target Audience

This conference is designed for clinical professionals (including but not limited to Physicians, Nurse Practitioners, Physician Assistants, Public Health Officers, Researchers and Veterinarians) and other health professionals (medical directors, risk managers) who wish to enhance their knowledge of Lyme disease and other tick-borne disorders.



Jointly Sponsored by:
*The College of Physicians and
Surgeons of Columbia University
and the Lyme Disease Foundation*



DATED MATERIAL

RUSH

Lyme Disease Foundation
1 Financial Plaza, Hartford, CT 06103
860-525-2000 Fax 860-525-8425
LymeMf@aol.com www.Lyme.org

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Fees Includes scientific sessions, book of proceedings, 2 lunches, 4 breaks, 2 dinner-receptions (4/21 6:30-10:30pm; 4/22 7-11pm).

- ☐ \$275 by March 19
- ☐ \$300 March 20 - April 16
- ☐ \$350 April 17 to on-site
- ☐ \$180 Poster Presenters - Call us or see web for forms. - Deadline 4/10.

- ☐ \$80 Reception Only, Per night. State date _____
- ☐ \$20 CME Certificate

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Mail to: LYME DISEASE FOUNDATION, 1 FINANCIAL PLAZA, HARTFORD, CT 06103

PROGRAM INFORMATION

Place: Hartford Marriott, Farmington, CT 800-228-9290 860-678-1000
Fax: 860-678-1560. email: HHTVL@juno.com

\$89 single/double. *Reserve your room now. The hotel may sell-out!*
Rate applies 4/20 - 4/24 - for those who want a side trip!

Travel: Huntington Hay Travel 800-783-9783. Bradley is the closest airport with shuttle service to the hotel. LaGuardia and Kennedy airports also have shuttles to the hotel.

Written notice of cancellation must be received by March 15 for a refund.
Taping of the program is prohibited

FACULTY

Maria Agüero-Rosenfeld, MD *Westchester Medical Center; NY Medical College*
John Anderson, PhD *Connecticut Agricultural Experiment Station*
Edward M. Bosler, PhD *SUNY at Stony Brook School of Medicine*
Mary Beth Buchholz *The Sheridan Group*
JoAnne Burkholder, PhD *University of North Carolina*

PEW Fellow Professor of Aquatic Botany; Director, Center for Applied Aquatic Ecology, NC State University, 1998 Scientific Freedom & Responsibility Award - American Academy for the Advancement of Science, 1999 Hunter Award - Society of Protozoologists, 2000 Leopold Leadership

Willy Burgdorfer, PhD, MD (hon) *National Institutes of Health*
Steve Callister, PhD *Gundersen Lutheran Medical Center*
Daniel Cameron, MD, MPH *Internist, Epidemiologist, New York*
Patricia Coyle, MD *SUNY at Stony Brook School of Medicine*
Sam Donta, MD *Boston University School of Medicine*
Brian Fallon, MD, MPH *Columbia University College of Physicians & Surgeons*
Paul T. Fawcett, PhD *Alfred I. duPont Hospital for Children*
Lesley Fein, MD, MPH *Mountainside Hospital*

Andrew Franks, Jr., MD *New York University School of Medicine*
Martin Fried, MD *Jersey Shore Medical Center*
Tessa Gardner, MD *Washington University School of Medicine*
Kornelia Keszler, MD *Yale University School of Medicine*
W. Ian Lipkin, MD *Louise Turner Arnold Chair of Neurosciences, Emerging Diseases Laboratory, University of California*

Richard Marconi, PhD *Medical College of Va at Va Commonwealth University*
Louis Magnarelli, PhD *Connecticut Agricultural Experiment Station*
Edwin Masters, MD *Regional Primary Care Physicians*
James Miller, PhD *UCLA School of Medicine*
Charles Pavia, PhD *NY Medical College School of Medicine, NYCOM Microbiology and Immunodiagnostic Laboratory of NYIT*

Mario Philipp, PhD *Tulane University Medical Center*
Dorothy Pietrucha, MD *Jersey Shore Medical Center, Meridan Health System*
John Planz, PhD *University of Northern Texas Health Science Center*
Julie Rawlings, MPH *Texas Department of Health*

Scott Samuels, PhD *University of Montana*
Ronald Schell, PhD *University of Wisconsin School of Medicine*
Steve Schutzer, PhD *University of Medicine and Dentistry of New Jersey*
Leo Shea, PhD *New York University School of Medicine*
Jon Skare, PhD *Texas A & M University System Health Science Center*
Kirby Stafford, PhD *Connecticut Agricultural Experiment Station*

PROGRAM AGENDA

Sunday, April 22, 2001 (8am-5:30pm)
7:00 - 9:00 Registration

- **Keynote** The politics of discovering an emerging disease: The *Pfisteria* experience. **JoAnn M. Burkholder, PhD**
- Importance of working with Congress and the Administration on healthcare policy. **Mary Beth Buchholz**
- Comparison of *Borrelia* infections: Lyme disease vs. relapsing fever. **Willy Burgdorfer, PhD, MD (hon)**
- Animal models in the study of human spirochetal infections. **James Miller, PhD**
- Mechanisms of persistency of the Lyme disease spirochete. **Charles Pavia, PhD**
- Comparative analysis of the immune evasion systems employed by the Lyme disease spirochetes. **Richard T. Marconi, PhD**
- Regulation of outer surface protein gene expression. **Scott Samuels, PhD**
- How *Borrelia burgdorferi* responds to oxidative stress. **Jon Skare, PhD**
- Serology in early Lyme disease. **Maria E. Agüero-Rosenfeld, MD**
- Western blot testing for diagnosing Lyme borreliosis: Potentials, problems, performance. **Paul T. Fawcett, PhD**
- Clinical evaluation of the Borrelia antibody test. **Steve Callister, PhD**
- Serodiagnosis of Lyme disease with the C6 peptide. **Mario T. Philipp, PhD**
- Immune complex serodiagnosis. **Steve Schutzer, MD**
- Host targeted acaricidal treatments on rodents to control densities of *Ixodes scapularis* subadult ticks. **Edward M. Bosler, PhD**
- Community prevention programs: New technologies in tick control. **Kirby Stafford, PhD**
- Community Partnerships: Texas. **Julie Rawlings, MPH**

Monday, April 23, 2001 (8am-5:30pm)
7:00 - 9:00 Registration

- **Keynote** Pathogen discovery: West Nile and beyond. **W. Ian Lipkin, MD**
- West Nile virus: A global hitchhiker. **John Anderson, PhD**
- Ehrlichiosis in the Northeast. **Louis Magnarelli, PhD**
- Babesiosis, ehrlichiosis, Lyme(-like) disease variations. **Ed Masters, MD**
- Bartonella in humans. **Lesley Fein, MD, MPH**
- Dermatologic manifestations of Lyme disease. **Andrew Franks, Jr., MD**
- 21st century Lyme disease. **Daniel Cameron, MD, MPH**
- Cardiac manifestations of Lyme disease. **Kornelia Keszler, MD**
- Neurologic Lyme disease. **Patricia Coyle, MD**
- Differential diagnosis of Lyme encephalopathy. **Brian Fallon, MD, MPH**
- Cognitive remediation. **Leo Shea, PhD**
- Lyme disease in pregnancy. **Tessa Gardner, MD**
- Pediatric neurologic Lyme disease. **Dorothy Pietrucha, MD**
- Gastrointestinal manifestations of Lyme disease. **Martin Fried, MD**
- LD Retreatment Study: A double-blinded, placebo-controlled, randomized trial evaluating the efficacy and success of oral antibiotics for recurrent seropositive and seronegative Lyme disease in adults. **Daniel Cameron, MD, MPH**