Accreditation:
Physicians: Conference qualifies for Category II credits; Category I credits pending.
Dentists and Dental Hygienists: Conference sponsored by the 9th District Dental Society; CDE Credits Available.
Nurses: CEU Credits Pending/Certificates of Attendance Available.

Program Description and Objectives:
This course will focus on important recent developments in the research, diagnosis, and treatment of Lyme Disease and other Tick-Borne Diseases. It is targeted toward physicians, allied health professionals, and community educators.

At the conclusion of this program, the participant should be able to:
- Recognize the complex nature of Borrelia burgdorferi in relation to host response to infection and the rationale for various types of treatment.
- Determine criteria for diagnosis and treatment of the various presentations of Lyme Disease and other tick-borne diseases.
- Understand the role of the laboratory testing for Lyme Disease and co-infections.
- Achieve proficiency in the diagnosis and treatment of neurologic, pediatric and cardiac Lyme Disease.
- Recognize the presence of co-infections, Babesiosis and Ehrlichiosis (HGE) in the Hudson Valley.
- Achieve proficiency in the diagnosis and treatment of Babesiosis and Ehrlichiosis.
- Understand the interaction between the ovarian and immune system in the presence of active Lyme Disease.
- Recognize the complexities of diagnosing and treating chronic Lyme Disease.
- Recognize the complexities in distinguishing between Lyme Disease and other diseases with similar clinical presentations.
- Develop an understanding of the OspA vaccine, and its implication for use.
- Increase awareness of new research and new treatment modalities.

Meeting Location and Directions:
Bard College—Franklin W. Olin Humanities Building
Annandale-on-Hudson, New York (5 minutes from Kingston-Rhinecliff Bridge)

Parking on campus is limited. We encourage carpooling.

Bard College is in Annandale-on-Hudson, New York, on the east bank of the Hudson River, about 90 miles north of New York City and 220 miles southwest of Boston.

By rail: Amtrak provides service from Penn Station, New York City, and from Albany to Rhinecliff, about 9 miles south of Annandale. Taxi service is available at the station.

By automobile: From southern Connecticut, follow I-95 to the Taconic State Parkway, take the Taconic north to the Red Hook/Route 199 exit, drive west on Route 199 through the village of Red Hook to Route 9G, turn right onto Route 9G, and drive north 1.6 miles.

From northern Connecticut, take Route 44 to Route 199 at Millerton, drive west on Route 199, and proceed as from southern Connecticut.

From Massachusetts and northern New England, take the Massachusetts Turnpike to Exit B-2 (Taconic Parkway), take the Taconic south to the Red Hook/Route 199 exit, and proceed as from southern Connecticut.

From New York City, New Jersey, and points south, take the New York State Thruway to Exit 19 (Kingston), take Route 209 (changes to Route 199 at the Hudson River) over the Rhinecliff Bridge to Route 9G. At the second light, turn left onto Route 9G, and drive north 3.5 miles.

From Albany, take the New York State Thruway to Exit 19 and proceed as from New York City.

Lyme Disease and Other Spirochetal and Tick-Borne Diseases:
A Two Day Discussion of the Most Recent Developments in Research and Clinical Management

Saturday, November 13, 1999
Sunday, November 14, 1999

Bard College
Annandale-on-Hudson, New York

SPONSORED BY THE
LYME DISEASE ASSOCIATION
OF NEW JERSEY, INC.
Lyme Disease and Other Spirochetal and Tick-Borne Diseases:
A Two Day Discussion of the Most Recent Developments in Research and Clinical Management
Bard College—Annandale-on-Hudson, New York
Saturday, November 13 and Sunday, November 14, 1999

Program Co-Directors

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Internal Medicine and Critical Care Medicine
Northern Westchester Hospital Center
Mount Kisco, New York.

Armen C. Manasarian, D.D.S.
Director of Dentistry, Valley Brothers Hospital
Member, Executive Board
Dutchess County Dental Society

Keynote Speaker

Willy Burgdorfer, Ph.D., Hon. M.D.
National Institutes of Health
Rocky Mountain Laboratories

Dr. Burgdorfer is the scientist who discovered the pathogen causing Lyme Disease

Facilitator

Steven M. Lapidus, M.D.

Faculty

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Director of Cardiac Electrophysiology
Faculty, Assistant Professor of Medicine
New York Medical College
Valhalla, New York

Saturday, November 13, 1999

8:00 a.m. Registration and Continental Breakfast

8:30 a.m. Opening Remarks

9:00 a.m. The Complexity of Vector-Borne Spirochetes: Historical Analysis

9:45 a.m. Lymphosomitis by Borrelia burgdorferi

10:30 a.m. Break

10:45 a.m. Update on Current Concepts in the Pathology of Borreliosis and Other Tick-Borne Diseases

11:45 a.m. Lunch

12:45 p.m. Role of a Diagnostic Laboratory in Diagnosis of Tick-Borne Diseases

1:30 p.m. Diagnosis and Treatment of Lyme Disease, with a Focus on Chronic Lyme

2:15 p.m. Break

2:30 p.m. An Overview of Lyme Carditis

3:15 p.m. Ovarian and Appendix Infection During Lyme Disease

4:00 p.m. Lyme Disease in Children

5:00 p.m. Panel Q and A

6:00 p.m. Session Closing

Sunday, November 14, 1999

8:00 a.m. Registration and Continental Breakfast

8:30 a.m. Lyme's Opioid Vaccine—Current Findings

9:15 a.m. Neuropsychiatric Lyme Disease in Children and Adults

10:00 a.m. Treatment of Adolescents with Neuropsychiatric Lyme Disease: A Model for Collaboration

10:45 a.m. Break

11:00 a.m. Human Granulocytic Leukemias: Ticks and Laboratory Diagnosis

12:00 noon Luncheon

1:00 p.m. Treatment Options for Late Lyme Disease

1:45 p.m. Chronic Lyme Disease: A Symptom Complex of Multiple Co-Infections, New Diagnostic and Treatment Protocols

2:30 p.m. Break

2:45 p.m. Neurologic Lyme Disease: Anatomical, Physiological Imaging, and Other Treatment Protocols

3:30 p.m. Future Aspects ofTick-Borne Disease Research

5:00 p.m. Summary and Closing Remarks

Opportunities will be provided for the speakers to respond to questions.

Agenda