



COLUMBIA UNIVERSITY  
College of Physicians  
and Surgeons



# 15<sup>th</sup> Annual Lyme & Tick-Borne Diseases Conference Medical, Neuropsychiatric & Public Health Implications Saturday & Sunday – May 3 & 4, 2014 Conference offers CME & CE credits

Jointly sponsored by  
**Columbia University**  
**College of Physicians & Surgeons**  
&  
**Lyme Disease Association, Inc.**  
**Marriott Downtown, Providence, RI**

## ACCREDITATION, DISCLOSURE, AUDIENCE, NEED & OBJECTIVES

### 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. The College of Physicians and Surgeons of Columbia University is accredited by the ACCME to provide continuing medical education for physicians.

### AMA Credit Designation Statement

The College of Physicians and Surgeons designates this live activity for a maximum of 13.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Target Audience & Objectives

The target population is physicians from all specialties, nurses, psychologists, scientists, public health workers. It is also open to the public and Lyme disease educators generally attend. The geographic area being reached is nationwide. No special background is required for effective participation, although those whose practices contain a high proportion of Lyme disease patients and those whose research concentrates on *Borrelia burgdorferi* will receive the most benefit. 1. Ability to identify multiple manifestations of Lyme disease. 2. Awareness that ticks may transmit viruses (flavivirus, Lone Star virus). 3. Awareness that animal studies demonstrate *Borrelia* persistence. 4. Awareness that genetic predispositions may lead to chronic Lyme arthritis. 5. Understanding of new vaccines being developed.

**Social Workers & Psychologists:** 12.5 CE credits for RI social workers authorized from NASW RI Chapter. Other states contact their professional organization for reciprocity. All psychologists contact their professional organization for reciprocity.



SCAN FOR INFORMATION  
& REGISTRATION

## GENERAL INFORMATION

### CONFERENCE SPEAKERS/TOPICS

- Brian A. Fallon, MD, MPH Conference Co-Director; *Ten Year Follow-up after IV treatment for Lyme Encephalopathy - What Happened?* Professor, Columbia University College of Physicians & Surgeons; Director, Lyme & Tick-Borne Diseases Research Center, NY
- Richard T. Marconi, PhD Conference Co-Director; *New Advances in Pursuit of Combinatorial Human Vaccine for Lyme & Anaplasmosis*; Professor of Microbiology & Immunology, Virginia Commonwealth University, VA
- Nicole Baumgarth, DVM, PhD *Immune Suppression during Infection of Mice with Borrelia burgdorferi* Professor of Pathology, Microbiology & Immunology, University of California, Davis, CA
- John T. Belisle, PhD *Metabolomic of Lyme Disease: A Novel Diagnostic Approach*; Professor, Colorado State University, CO
- Kenneth K.C. Bramwell, PhD *Gene Variant Exacerbates Inflammatory Arthritis in Mice*; Department of Pathology, University of Utah, UT
- Ahmet C. Burakgazi, MD *Neurologic Lyme & Case of Polyradiculopathy Mimicking ALS* Assistant Professor, Internal Medicine, Virginia Tech Carilion School of Medicine & Research Institute, VA
- Jason A. Carlyon, PhD *Promising Progress in Developing Protective & Therapeutic Approaches against Anaplasma phagocytophilum Infection*; Associate Prof of Microbiology & Immunology, Virginia Commonwealth University, VA
- Charles Chiu, MD, PhD *TickChip Detection Microarray, STARI & Transcriptome Profiling of Lyme Disease* Assistant Professor, University of California, San Francisco School of Medicine, CA
- Joseph D. Forrester, MD, MSc *Sudden Cardiac Arrest Associated with Lyme Carditis Epidemic Intelligence Service*, Vector-Borne Diseases Division, Centers for Disease Control & Prevention, Ft. Collins, CO
- Emir Hodzic, DVM, PhD *Resurgence of Persisting Non-Cultivable Borrelia burgdorferi following Antibiotic Treatment in Mice* Director, Research & Diagnostic Core Facility, Center of Comparative Medicine, University of California, Davis, CA
- Linden T. Hu, MD *Xenodiagnosis of Lyme Disease in Humans*; Professor of Medicine, Tufts University School of Medicine, MA
- John Keilp, PhD *Understanding Suicidal Behavior Risk in Lyme Disease: Perspectives from Studies of Suicidal Behavior in Depression* Assistant Professor of Clinical Psychology, Columbia University College of Physicians & Surgeons, NY

- Marina Makous, MD *Case Presentation of Suicidal Patient: Lyme or Depression?* Post-Doc Research Fellow, Columbia Lyme & TBD Center, NY
- Thomas N. Mather, PhD *More than Lyme: Progress towards a Tick-Borne Disease Protective Vaccine* Professor, Center for Vector-Borne Disease, University of Rhode Island, RI
- Susanne Nimmrich, Dr. Med. (pending) *Intraarticular Corticosteroids in Refractory Childhood Lyme Arthritis* Resident/Assistant Physician, Research Associate, Asklepios Childrens Hospital Sankt Augustin, Germany
- Steven Schutzer, MD *Atypical EM & PCR in Lyme Disease*; Professor of Medicine, New Jersey Medical School, Rutgers Univ., Newark, NJ
- Sheila M. Statlender, PhD *The Impact of Lyme Disease on the Brain : Implications for Diagnosis, Treatment & Recovery*; Psychologist, private practice, Newton Centre, MA
- Travis Taylor, PhD *Host-Specific Anti Viral Responses to Tick-Borne Flaviviruses: Powassan & TBEV*; Assistant Professor, University of Toledo, College of Medicine, OH
- Sam R. Telford III, ScD *Borrelia miyamotoi*; Professor, Tufts University, Cummings School of Veterinary Medicine, Grafton, MA
- Michael L. Weinberger, MD *Pain Management*; Associate Professor of Anesthesiology, Columbia U., College of Physicians & Surgeons, NY
- David S. Younger, MD *IVIg & its Use in Autoimmune Neurologic Diseases*; Clinical Assoc. Professor, Neurology, NYU School of Medicine, NY

### GENERAL REGISTRATION INFORMATION

Fees: Regular - Early \$199 (by 04/05/14)  
\$220 (after 04/05/14) \$230 (if space available, at door)  
CME - Early \$310 (by 04/05/14) \$340 (after 04/05/14)  
\$370 (if space available, at door).

\*Note: Early registration discount expires on 04/05/14  
\*No phone or fax registrations accepted.

The availability of last minute "at the door" registrations is determined by the room capacity and number of registrants on day of conference. Please note, the rate to register "at the door" will be higher than the pre-registration fee. There is a CASH or CHECK ONLY policy when registering "at the door."

CANCELLATION: Written notice of cancellation must be received by LDA by 04/10/14 for refund, NO exceptions. Email cancellation notice to [treasurer@LymeDiseaseAssociation.org](mailto:treasurer@LymeDiseaseAssociation.org) or fax 732-938-7215

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