

2012 LYME & TICK-BORNE DISEASES: MICROBIAL PERSISTENCE & TICK-BORNE DISEASES, NEW SCIENTIFIC & CLINICAL DIRECTIONS

International Conference for Physicians & Allied Health Professionals 13.00 AMA PRA Category 1 Credit(s)™

Saturday & Sunday— September 29 & 30, 2012 . . . Hyatt Bellevue Philadelphia, PA

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LYME DISEASE ASSOCIATION, INC.



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

Course Objectives To learn about: scope of & clinical manifestations of Lyme disease in the US; treatment strategies for Lyme patients & the role of nutrition in optimizing health; mechanisms of virulence & persistence by the Lyme spirochete; animal models, their role in documenting persistence, & the implications of recent findings; tick-borne diseases & pregnancy; depression in Lyme disease & the evaluation & care of the suicidal patient; Lyme disease testing in Europe; long-term course of neurologic Lyme disease & unusual manifestation; possible relationship between antiphospholipid syndrome & post-treatment Lyme disease.

LYME DISEASE ASSOCIATION, INC.

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www.LymeDiseaseAssociation.org



LYME DISEASE ASSOCIATION/ COLUMBIA UNIVERSITY SCIENTIFIC CONFERENCE

Brian A. Fallon, MD, MPH Lyme disease, depression, and suicide

Prof. Columbia University Med. Center; Dir., Lyme & Tick-Borne Diseases Research Center; NYS Psych Inst.

Stephen W. Barthold, DVM, PhD Overview of Bb in the mouse - persistence & antibiotic response

Professor; Director Center for Comparative Medicine University of California, Davis

C.W. Ang, MD, PhD Serologic tests for Lyme disease - how reliable are they?

Associate Professor Medical Microbiology; Head, Dept. of Virology & Serology, VU University Medical Center, Netherlands

John N. Aucott, MD Microbiologic & immune events in early Lyme disease

Instructor, Johns Hopkins University School of Medicine; Private Practice, Maryland

Nicole Baumgarth, DVM, PhD B cell subversion during *Borrelia* infection - a persistence strategy

Professor of Pathology, Microbiology, Immunology; University of California, Davis

C. Ben Beard, PhD Trends in tick-borne diseases in US

Chief, Bacterial Diseases Branch, Division of Vector-Borne Infectious Diseases, CDC

Ibrahim M. Binalsheikh, MD Neurologic Lyme disease and Alice in Wonderland syndrome

Pediatric Neurologist, Tufts University / Floating Hospital for Children, Massachusetts

Diego Cadavid, MD Blood brain barrier & impact of *Borrelial* infection

Adj. Assoc. Prof., UMDNJ; Consultant, MA Gen. Hosp.; Dir. MS Clinical Dev. Group, Biogen Idec

Michael Cichon, MD, MS Considerations in the diagnosis and treatment of tick-borne diseases

Clinical Assoc. Prof., University of S. Florida; Internal Medicine & Infectious Disease practice, Florida

Randi Eikeland, PhD Long-term follow up study of neurologic Lyme disease

Senior Consultant Department of Neurology and Researcher, Sørlandet Hospital, Norway

Monica Embers, PhD Post-treatment persistence & sero diagnosis of Lyme disease: studies in rhesus macaques

Research Assistant Professor, Tulane National Primate Research Center, Louisiana

Martin Fried, MD, FAAP, ABPNS Nutrition & Lyme disease

Pediatric Gastroenterologist, Board Certified: Physician Nutrition Specialist, private practice, NJ

Tom P. Greco, MD Antiphospholipid antibodies in patients with purported chronic Lyme disease

Assoc. Clinical Prof. of Medicine Yale University, Chief, Inflammatory Disease Section St. Mary's Hospital, CT

Linden T Hu, MD Reservoir targeted vaccines for control of Lyme disease

Professor of Medicine; Attending Physician; Tufts University School of Medicine, MA

Kim Lewis, PhD Antibiotic tolerance & microbial persistence

Northeastern University Distinguished Professor; Director, Antimicrobial Discovery Center, U. of TX Med. School

Emmanuel Mongodin, PhD Genome stability of Lyme disease spirochetes

Assistant Professor, Institute for Genome Sciences, University of Maryland

Steven J. Norris, PhD How do Lyme disease *Borrelia* cause disease?

Greer Professor & Vice Chair for Research, University of TX-Houston Medical School

Eva Sapi, PhD In Vitro antimicrobial sensitivity studies

Assoc. Prof. & University Research Scholar, Dir. Lyme Disease Research Program U of New Haven CT

Alireza Shamshirsaz, MD Tick-borne diseases and pregnancy

Dept. of Obstetrics & Gynecology, University of CT Health Center; Assist. Prof., Baylor College of Medicine, TX

Janis Weis, PhD Mouse model of chronic inflammatory response to *B. burgdorferi*

Professor of Pathology; Director of the Microbial Pathogenesis Training Grant which sponsors the Microbial Pathogenesis Seminar Series, University of Utah

Accreditation: 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 Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The College of Physicians and Surgeons designates this live activity for a maximum of 13.0 AMA PRA Category 1 Credit(s)TM. Physicians should claim only credit commensurate with the extent of their participation in the activity.



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