

2019 Conference Agenda

Lyme & Other Tick-Borne Diseases: 20th Annual Scientific Update for Clinicians & Researchers

[Saturday Agenda](#) [Sunday Agenda](#) [Registration](#)

Note: The order of the speakers is subject to change

AGENDA – SATURDAY SEPTEMBER 21 , 2019

7:15 – 8:00 AM	Registration / Exhibits / Continental Breakfast
8:00 – 8:20 AM	<p>Patricia V. Smith, President, BA President, Lyme Disease Association, Inc., Jackson, NJ Conference Planner, Conference Organizing Committee</p> <p><i>Welcome, Remarks / Brief Overview of LDA, Lyme & TBD</i></p> <p>Introduction of: Brian A. Fallon, MD, MPH, Course Director, Conference Planning Committee; Morning Facilitator</p>
8:20 – 9:00 AM	<p>Charles Chiu MD, PhD / Keynote Professor, Laboratory Medicine & Medicine, Division of Infectious Diseases, University of California School of Medicine San Francisco, CA</p> <p><i>Multi-Omics approaches to diagnosis of Lyme disease and other tick-borne infections</i></p>

<p>9:00 – 9:35 AM</p>	<p style="text-align: center;">George Chaconas, PhD Professor, Department of Biochemistry and Molecular Biology and Department of Microbiology, Immunology and Infectious Disease, Snyder Institute of Chronic Diseases, University of Calgary Calgary, Alberta Canada</p> <p style="text-align: center;"><i>An inside look at the life of a pathogen: intravital imaging to study hematogenous dissemination of the Lyme disease spirochete</i></p>
<p>9:35 – 10:10 AM</p>	<p style="text-align: center;">Emir Hodzic, DVM, MSc, PhD Director, Real-Time PCR Research & Diagnostics Core Facility School of Veterinary Medicine, University of California Davis, CA</p> <p style="text-align: center;"><i>Post-treatment persistence of antimicrobial tolerant replicatively-attenuated Borrelia burgdorferi in a mouse model</i></p>
<p>10:10 – 10:25 AM</p>	<p style="text-align: center;">Morning Discussion Panel</p>
<p>10:25 – 10:40 AM</p>	<p style="text-align: center;">Coffee Break</p>
	<p style="text-align: center;">Saturday Facilitator Sam Donta, MD</p>
<p>10:40 – 11:15 AM</p>	<p style="text-align: center;">Adrian Baranchuk, MD, FACC, FRCPC, FCCS Professor of Medicine (Tenure) Queen’s University Ontario, Canada</p> <p style="text-align: center;"><i>Systematic approach for the diagnosis & treatment of Lyme carditis</i></p>

<p>11:15 – 11:50 AM</p>	<p style="text-align: center;">Osama Haddad, MD Department of Thoracic and Cardiovascular Surgery Cleveland Clinic, Cleveland, OH</p> <p style="text-align: center;"><i>Mitral Valve Endocarditis: A Rare Manifestation of Lyme Disease</i></p>
<p>11:50 – 12:25 PM</p>	<p style="text-align: center;">Peter Novak, MD, PhD Division Chief, Autonomic Neurology Director, Autonomic Laboratory Department of Neurology, Brigham and Women’s Faulkner Hospital Assistant Professor of Neurology Harvard Medical School Boston, MA</p> <p style="text-align: center;"><i>Neurological correlates of Post Treatment Lyme Disease Syndrome</i></p>
<p>12:25 – 12:40 PM</p>	<p style="text-align: center;">Late Morning Discussion Panel</p>
<p>12:40 – 1:45 PM</p>	<p style="text-align: center;">Lunch</p>
	<p style="text-align: center;">Afternoon Facilitator</p>
<p>1:45 – 2:20 PM</p>	<p style="text-align: center;">Holly M. Frost MD Assistant Professor, Department of Pediatrics University of Colorado School of Medicine Denver, CO</p> <p style="text-align: center;"><i>The pitfalls of serologic assays for the diagnosis of tick-borne diseases: a case series and review of the literature</i></p>

<p>2:20 – 2:55 PM</p>	<p>Robert Naviaux MD, PhD Professor of Genetics, Biochemical Genetics and Metabolism Departments of Medicine, Pediatrics, and Pathology; Co-director, Mitochondrial and Metabolic Disease Center UCSD School of Medicine San Diego, CA</p> <p><i>Metabolomic Features of Acute and Chronic Lyme Disease—Early Results from the UCSD Lyme-ME/CFS Comparison Study</i></p>
<p>2:55 – 3:30 PM</p>	<p>Madeline W. Cunningham, PhD Professor, Microbiology & Immunology Directory, Immunology Training Program University of Oklahoma Health Sciences Center, OK</p> <p><i>From Bench to Bedside: Anti-Neuronal Autoantibodies in Lyme Disease and Beyond</i></p>
<p>3:30 – 3:45 PM</p>	<p>Mid-Afternoon Discussion Panel</p>
<p>3:45 – 4:00 PM</p>	<p>Afternoon Coffee Break</p>
<p>4:00 – 4:35 PM</p>	<p>Choukri Ben Mamoun, PhD Professor of Medicine and Microbial Pathogenesis Yale School of Medicine New Haven, CT</p> <p><i>Continuous in vitro culture of Babesia duncani in human red blood cells: An inflection point in diagnosis and therapy of human babesiosis</i></p>
<p>4:35 – 5:10 PM</p>	<p>Margaret R. MacDonald, MD, PhD Research Associate Professor The Rockefeller University New York, NY</p> <p><i>Powassan virus: an emerging tick-borne threat</i></p>

<p>5:10 – 5:45 PM</p>	<p align="center">Brian A. Fallon, MD, MPH Professor of Psychiatry Columbia University Vagelos College of Physicians & Surgeons Director, Columbia Lyme & Tick-Borne Diseases Research Center Director, Ctr. Study of Neuroinflammatory Disorders/Biobehavioral Medicine, New York State Psychiatric Institute New York, NY</p> <p align="center"><i>Clinical Trials: Biologic & Clinical Measures of Change</i></p>
<p>5:45 – 6:00 PM</p>	<p align="center">Late Afternoon Discussion Panel</p>
<p>6:15 – 8:15 PM</p>	<p align="center">NETWORKING RECEPTION</p>

AGENDA – SUNDAY SEPTEMBER 22, 2019 (Breakfast on your own)

<p>7:30 – 8:00 AM</p>	<p align="center">Registration / Exhibits / BREAKFAST ON YOUR OWN</p>
	<p align="center">Sunday Facilitator Elizabeth Maloney, MD</p>
<p>8:00 – 8:35 AM</p>	<p align="center">Daniel Sonenshine, PhD Professor (Emeritus) Department of Biological Sciences Old Dominion University Norfolk, VA</p> <p align="center"><i>How Climate Change Affects Range Expansion of Tick Vectors and Spread of Tick-borne Disease in North America</i></p>

<p>8:35 – 9:10 AM</p>	<p style="text-align: center;">Philip Strandwitz, PhD CEO and Co-founder, Holobiome, Inc. Visiting Scholar, Antimicrobial Discovery Center Department of Biology, Northeastern University Boston, MA</p> <p style="text-align: center;"><i>The Gut-Brain-Axis – Potential Therapeutic Targets</i></p>
<p>9:10 – 9:45 AM</p>	<p style="text-align: center;">Joanna Lyons, Pharm D, MEd, MHS, CHES, BCGP Advanced Clinical Pharmacist University of Maryland School of Pharmacy Baltimore, MD</p> <p style="text-align: center;"><i>The possible association between the human ABCB1 gene and Post Treatment Lyme Disease Syndrome</i></p>
<p>9:45 – 10:20 AM</p>	<p style="text-align: center;">Mark J. Soloski PhD Professor of Medicine, Pathology, Molecular Biology and Genetics and Molecular Microbiology and Immunology Johns Hopkins University School of Medicine Co-Director for Basic Research, Lyme Disease Research Center Baltimore, MD</p> <p style="text-align: center;"><i>The host immune response in Lyme borreliosis</i></p>
<p>10:20 – 10:55 AM</p>	<p style="text-align: center;">Food Break</p>
<p>10:55 – 11:15 AM</p>	<p style="text-align: center;">Morning Discussion Panel</p>

<p>11:15 – 11:50 PM</p>	<p>Paige Armstrong, MD, MHS Medical Epidemiologist, Rickettsial Zoonoses Branch Centers for Disease Control & Prevention Atlanta, GA</p> <p><i>Rickettsial diseases; Epidemiologic trends, clinical diagnosis and management</i></p>
<p>11:50 – 12:25 PM</p>	<p>J. Stephen Dumler, MD Chair, Department of Pathology Uniformed Services University of the Health Sciences F. Edward Hébert School of Medicine Bethesda, MD</p> <p><i>Human Granulocytic Anaplasmosis-Emerging Faster than Lyme</i></p>
<p>12:25 – 1:00 PM</p>	<p>Eric Storch, PhD Professor and McIngvale Presidential Endowed Chair Vice Chair & Head, Psychology Menninger Department of Psychiatry and Behavioral Sciences Baylor College of Medicine, TX</p> <p><i>Obsessive Compulsive Disorder</i></p>
<p>1:00 – 1:10 PM</p>	<p>BREAK</p>
<p>1:10 – 1:25 PM</p>	<p>Mid-Morning Discussion Panel</p>

<p>1:25 – 2:00 PM</p>	<p>Lance A. Liotta, MD PhD University Professor Co-Director Center for Applied Proteomics and Molecular Medicine Medical Director Clinical Proteomics Lab College of Science George Mason University, VA</p> <p><i>Shedding of urinary tick pathogen-specific proteins in patients with tick borne diseases</i></p>
<p>2:00 – 2:35 PM</p>	<p>Ingeborg Dziedzic, MD, ABAARM Pleasant Vision Ophthalmology Practice Pleasantville, NY</p> <p><i>Potential late ophthalmic consequences of Lyme Disease</i></p>
<p>2:35 – 3:00 PM</p>	<p>Afternoon Discussion Panel</p>