



2026 ILADS Annual Scientific Conference Agenda

(As of August 27. Subject to change)

Thursday, October 22

7 AM-6 PM - Registration Open

7-8 AM - Breakfast

8 AM-4:30 PM – **Neuroinflammation, Infection and the Brain** (full day track)

Participants registering for this track must attend the full program. You cannot switch between the two tracks on Thursday.

Time:	Session Title:	Speaker:
Immune Dysregulation and Its Systemic Roots		
8:10-8:45 AM	Reversing Neuroinflammation and Phosphorylated Tau (p-tau) In a Patient With Chronic Lyme Disease	Richard Horowitz, MD
8:45-9:20 AM	Comorbid conditions: POTS, Fibromyalgia, & MCA - Genomic Insights into Etiology and Targeted Treatment	Sharon Hausman-Cohen, MD
9:20-9:50 AM	Mechanisms of Vaccine Adverse Events: How Vaccines Can Interfere With Treatment of Tick Borne Illness	James Neuenswander, MD
9:50-10:30 AM	BREAK	
Mapping the Neuropsychiatric Landscape		
10:30-11 AM	Reframing Neuropsychiatric Illness A Network-Based Approach Exploring Neuropsychiatric Illness Through the Lens of Brain Network Dysfunction	Chris Winfrey, MD
11-11:30 AM	Personalized Neuropsychiatric Treatment in Vector-Borne Illness: Integrating Biomarkers, Neuroinflammation, and Genetic Vulnerability	Napatia Tronshaw-Gettings, MD
11:30-12 PM	Ketamine-Assisted Therapy for Chronic Infection Related Pain	Lauren Marchefka, PMHNP-BC, FNP-BC,

12:30-1 PM – Sponsored Lunch Presentation: BlueOakNX, Inc.

Guest speaker: Sundeep Dugar, PhD

Session Title: *Mitochondria - Central to Health and Healthspan*

Overview: The role of mitochondria in health is well established, however very little is known about improving mitochondrial function and level effectively. Achieving such an outcome would be a significant contribution for improving patient outcomes. Dr. Dugar will describe the elucidation of the mechanism of exercise induced mitochondria biogenesis and development of a flavanol that mimics this process, present the results of clinical studies in healthy patients and efficacy studies in diabetics with cardiomyopathy, patients with muscular dystrophy and hypertriglyceridemia.

Time:	Session Title:	Speaker:
Cognitive Decline, Nervous System Dysregulation & Ocular Manifestations		
1:30-2 PM	Reframing Cognitive Decline: A Systems-Based Diagnostic Approach to Complex Chronic Disease	Yousef Elyaman, MD
2-2:30 PM	The Role of Nervous System Dysregulation in Infection-Triggered Neuropsychiatric Illness	Roseann Capanna-Hodge, Ed.D. Educational Psychology
2:30-3 PM	Ocular Motor Dysfunction and Neuropsychiatric Manifestations of Tick-Borne illness	Sergio Azzolino, DC, FNP-C
3-3:30 PM	BREAK	
Persistent Pathogens and the Limits of Treatment		
3:30-4 PM	Bartonella, Biofilms, and Neuroimmune Dysfunction: Clinical Implications for Persistent Infection	Jacki Meinhardt, DNP, MSHS, FNP
4-4:30 PM	Limbic Lock: A BRAIN-Guided Framework for Treatment Intolerance in Vector-Borne and Chronic Viral Illness	Eboni Cornish, MD

8 AM-4:30 PM - Vector-Borne Illness Fundamentals (Full day track).

Participants registering for this track must attend the full program. You cannot switch between the two tracks on Thursday.

8-8:30 AM	Introduction to Vector-Borne Illness Fundamentals
8:30-9:30 AM	Pathophysiology of Lyme/Persistent Chronic Lyme (including treatment)
9:30-9:45 AM	Break
9:45-11:30 AM	Other Vector-Borne Infections and Co-Morbidities - Bartonella, Babesia, Alpha-gal and MCAS

11:30 AM-12PM	Tick-Borne Relapsing Fever, Rickettsial Infections, Rocky Mountain Spotted Fever
12-1 PM	<i>Lunch</i>
1:30-2:30 PM	Pediatric Lyme
2:30-3:30 PM	Psychiatric Manifestations of Tick-Borne Disease
3:30-3:45 PM	Break
3:45-4:30 PM	Case Presentations and Questions

4:30-5:30 PM – ILADS Annual Meeting (open to ILADS members only)

5:30-6:30 PM – Welcome Reception

6:30-8 PM – Fundamentals Dinner – Sponsored by NutraMedix

Presentation Title: Treating Lyme Disease on a Budget

Guest speaker: Teresa Holler, PA

(Open to Vector-Borne Illness Fundamentals attendees only. Included in conference registration fee)

Friday, October 23

7 AM-6 PM - Registration Open

7-8 AM - Breakfast

8 AM-12:30 PM – Plenary Programming

Time:	Session Title:	Speaker:
8:05-9 AM	Hidden Drivers of Mental Health Symptoms: Medical Causes Behind Psychiatric Presentations	Daniel Amen, MD
9-9:30 AM	Rewiring the Immune Response: Targeting Cell Danger Response and Mast Cell Activation in Complex Chronic Disease	Jill Carnahan, MD
9:30-10 AM	Nerve Demyelination and Remyelination Imaging by Confocal Microscopy in Peripheral Neuropathies	Marna Ericson, PhD
10-10:45 AM	BREAK	
10:45-11:15 AM	Molecular Evidence for Placental Transmission of <i>Borrelia burgdorferi</i>	Lynne Bemis, PhD
11:15-11:45 AM	The Lyme Brain Pathobiome	Garth Ehrlich, PhD
11:45-12:15 PM	Discovery of the Molecular Mechanism of Autoimmunity in Babesiosis	B. Robert Mozayani, MD

12:45-1:15 PM – Sponsored Lunch Presentation: 60 Degrees Pharmaceuticals

Guest speaker: Geoff Dow, PhD

Session Title: *Tafenoquine for Babesiosis - A Clinical Development Update*

Overview: This presentation will provide an update on the tafenoquine clinical development program for Babesiosis, including recent data from ongoing clinical trials. The talk will also highlight how these studies are improving our understanding of the course of Babesia infection and its associated clinical illness.

1:30-5:30 PM - Afternoon Breakout Sessions

Peptides, Immunometabolism & Advanced Therapeutics

Time:	Session Title:	Speaker:
1:30-1:45 PM	Opening Clinical Perspective	Nafysa Parpia, ND
1:45-2:30 PM	Are We Beating a Dead Borrelia: Moving from Antimicrobial Warfare to Epigenetic Repair	Kent Holtorf, MD
2:30-3:15 PM	Metainflammation in Lyme Disease: Immunometabolic Dysfunction and the Emerging Role of Peptide-Based Therapeutics	Gordon Crozier, DO
3:15-4 PM	BREAK	
4-4:45 PM	Peptide Therapies and Bioregulators for Biophysiological Support of Mitochondria in Patients with Complex Chronic Illness	Nafysa Parpia, ND
4:45-5:15 PM	Expert Roundtable and Clinical Q&A	All Speakers

Environmental Illness, Mold & Terrain Medicine

Time:	Session Title:	Speaker:
1:30-2 PM	Complex Chronic Illness in Lyme Patients: The Role of Mold and Oxidative Stress	Davina Soernssen, DNP, FNP-BC, DCNP, FMC
2-3 PM	Two Triggers, One Terrain: How to Resolve Concurrent Lyme Disease and Mold Related Illness Simultaneously.	Myriah Hinchey, ND Jill Crista, ND
3-3:45 PM	BREAK	
3:45-4:15 PM	Mitochondrial and Immune Effects of Environmental Radiologic Elements: Considerations in Lyme	Jaban Moore, DC
4:15-4:45 PM	Tick-Borne Illness and Autoimmunity: Clinical Strategies to Modulate the Immune System	Darin Ingels, ND
4:45-5:15 PM	It's Elemental! Harnessing Antimicrobial Properties of Natural Elements for Persistent Infections	Gerald Simons, PA

Pediatric Neuroimmune Disorders and Complex Brain Health

Time:	Session Title:	Speaker:
1:45-2:15 PM	Bartonella Associated Pediatric Autoimmune Encephalopathy: Vascular-Immune-Mitochondrial Model	Somer DelSignore, DNP, MSN, BC-PNP

2:15-2:45 PM	Frequency of Tick-borne Infections in a Case Series of 37 Youth with Pediatric Bipolar Disorder	Rosalie Greenberg, MD
2:45-3:30 PM	BREAK	
3:30-4 PM	Cerebral Folate Deficiency in Vector-Borne Disease: Evidence for Folate Receptor Autoimmunity as a Contributor to Neuropsychiatric Symptoms	Lindsey Wells, ND
4-4:30 PM	Precision IV Platelet Therapy as an Immunomodulatory Approach in Pediatric PANS/PANDAS	Nancy O'Hara, MD / Tapley Holland, PhD

5:30-6:30 PM - ND Networking Reception - all NDs are invited
Sponsored by LymeCore Botanicals

Saturday, October 24

7 AM-6 PM - Registration Open

7-8 AM - Breakfast

8 AM-12:30 PM – Plenary Programming

Title:	Session Title:	Speaker:
8-8:30 AM	Babesia: The Black Box	Jennifer Miller, PhD
8:30-9 AM	Bridging Clinical Practice & Research: Lessons in Heterogeneity from the MyLymeData Patient Registry	Mira Shapiro, MSc. Public Health / Biostatistics
9-9:30 AM	Identifying Pathogens in Post-Mortem Tissue	Liz Horn, PhD
9:30-10 AM	Clinical and economic impact of LymeSeek, a single-tier diagnostic test with high sensitivity and specificity in early Lyme disease	Holly Ahern, MS
10-10:45 AM	BREAK	
10:45-11 AM	Update on ILADS Collaboration with U.S. Department of Health and Human Services	Kristen Honey, PhD
11-11:30 AM	Dysautonomia and Lyme Disease	John Aucott, MD
11:30-12 PM	Endothelial Cell Impairment in Chronic Infection: Mechanisms Linking Persistent Pathogens to Long-Term Disease	Casey Kelley, MD
12-12:30 PM	When It's Not Just Strep: Tick-Borne Co-Infections and Incomplete Treatment Response in PANDAS/PANS	Craig Shimasaki, PhD

12:45-1:15 PM – Sponsored Lunch Presentation: Integrative Peptides

Guest speakers: Kent Holtorf, MD and Nafysa Parpia, ND

Session Title: *From Degeneration to Regeneration: Reversing Multisystem Disease and Biologic Age with Targeted Oral Peptide Therapy*

Overview: Standard symptom management fails patients trapped in the intractable cycle of CIRS, Long COVID, and accelerated biological aging. This lecture introduces a bold clinical paradigm: actively reversing multisystem disease by targeting core epigenetic drivers using advanced oral peptides and bioregulators to correct premature thymic decline, reprogram the destructive Th1/Treg to Th2/Th17 immune shift, and purge toxic senescent cells. Attendees will explore robust clinical evidence for tissue-specific peptides and bioregulators that structurally regenerate neural architecture, restore mitochondrial vitality, and demonstrably reverse biologic age. Ultimately, practitioners will leave equipped with a roadmap to move beyond symptom suppression and guide their most complex patients back to profound, unstoppable resilience.

1:30-5:30 PM - Afternoon Breakout Sessions

Pediatric Lyme Care: Prevention, Pregnancy, and Clinical Management

Time:	Session Title:	Speaker:
1:45-2:15 PM	Preparing for Pregnancy Amid Lyme Disease and Chronic Illness	Jaquel Patterson, ND, MBA, IFMCP
2:15-2:45 PM	The Unique Presentations of Borrelia and Co-infections in Pediatric Patients	Debby Hamilton, MD, MPH, FMAPS
2:45-3:30 PM	BREAK	
3:30-4 PM	How to Optimize your Pediatric Patients for Immunization	Taylor Bean, ND
4-4:30 PM	Childhood Vaccination in Genetically Susceptible Children with Maternal and Congenital Vector-Borne Exposure	Ari Calhoun, ND

Mast Cells, Hormones & Reactive Patients

Time:	Session Title:	Speaker:
1:30-2 PM	Glucose, Inflammation, and the Microbiome: Rethinking Complex Chronic Illness Through a Metabolic Lens	Everest Goldstein, M.Ed, MSN, APRN
2-2:30 PM	When Hormones and Mast Cells Collide: Navigating Perimenopause in the Context of Mast Cell Activation Syndrome.	Tania Dempsey, MD
2:30-3 PM	The Reactive Tick-Borne Disease Patient: Mast Cells, Membranes, and Treatment Sequencing	Melanie Stein, ND Vy Simeles, ND
3-3:45 PM	BREAK	
3:45-4:15 PM	Hormonal Dysregulation and Symptom Exacerbation in Chronic Lyme Disease: Clinical Observations and Implications for Patient Management	Eva Coleman, MD

4:15-4:45 PM	The Pelvic Longevity Code: Rewiring Vaginal, Bladder, and Sexual Health Through the Microbiome	Anna Cabeca, DO, FACOG, ABOIM
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Regenerative, Pain & Integrative Therapies

Time:	Session Title:	Speaker:
1:30-2 PM	Overview of Stem Cells and Exosomes in Clinical Medicine	Eric Gordon, MD
2-2:30 PM	Cellular & Regenerative Medicine Approach to Pain	Asare Christian, MD, MPH
2:30-3 PM	MSC Exosomes and Treatment of ASD and Other Neurodevelopmental Delays	Armen Nikogosian, MD
3-3:45	BREAK	
3:45-4:15 PM	Experimental Cloned Stem Cell Therapies -> Case review	Eduardo Maristany, MD
4:15-4:45 PM	Therapeutic Erythrocytapheresis for Severe and Persistent Babesiosis	Omar Morales, MD
4:45-5:15 PM	Expert Panel Q&A	All Speakers

6-9:30 PM - ILADEF Gala Fundraiser – all attendees are invited. Tickets available for \$250 per person in advance/\$300 onsite.

Sunday, October 25

7-8 AM - Breakfast

9 AM-12 PM

Putting it All Together

Selected case study presentations and group discussion.

Speakers:

- Thomas Moorcroft, DO
- Sabine Hazan, MD
- William Rawls, MD