



# Event Schedule

 **Saturday, October 19th, 2018**

 **The Times Center 242 W. 41st Street, New York, NY 10036**

## MAIN STAGE

**8:15AM-8:50AM**

**Registration open**  
Breakfast served

**8:50AM-9:00AM**

**Opening Introduction**  
Savi Glowe

**9:00AM-9:30AM**

**State of the Art**  
Neil Spector, MD

State of the Art with Dr. Neil Spector will take us on a journey through the latest advancements in Lyme disease research and medicine focusing on new therapeutics. This approachable lecture will be informative and inclusive for all participants.

**9:30AM-9:50AM**

**Translational Discovery Q&A**  
Joel Dudley, PhD & Neil Spector, MD

A conversation about how drugs and therapeutics go from the research bench to saving lives.

**9:55AM-10:10AM**

**Disulfiram (Tetraethylthiuram Disulfide) in the Treatment of Lyme Disease and Babesiosis: Report of Experience in Three Cases**

Kenneth B. Liegner, MD

**10:10AM-10:25AM**

**Effect of Dapsone alone and in combination with intracellular antibiotics against the resistant morphological forms of *Borrelia burgdorferi***

Richard Horowitz, MD

10:25AM-10:40AM

**Associations between time to Lyme disease treatment and persistent symptoms, post treatment Lyme disease syndrome, and perception of being cured**  
Annemarie Hirsch, PhD, MPH

10:45AM-11:15AM

**Morning Highlight Speaker**  
Crystal F. Barnwell, MD

11:15AM - 11:45AM

**BREAK**

11:50AM-12:20PM

**Pathogen Switching in Lyme Disease**  
Kim Lewis, PhD

12:20PM-12:30PM

**Breaking Silver Bullet for the Persistent Lyme Disease**  
Jayakumar Rajadas, PhD, MS

12:30PM-1:00PM

**Robust B Cell Responses Predict Rapid Resolution of Lyme Disease**  
William H. Robinson, MD, PhD

1:00PM-1:30PM

**LUNCH BREAK**

1:30PM-2:00PM

**Discussion on Functional Medicine**  
Andrew D. Petersen, DO & Suruchi Chandra, MD  
Discussion on Functional Medicine led by Dr. Andrew Petersen, DO, co-chief Medical Officer of Forum Health, and Dr. Suruchi Chandra, M.D., a board-certified psychiatrist who specializes in integrative and holistic approaches for challenging emotional, behavioral, and medical conditions, will talk about ways that they practice comprehensive care in the face of this complex disease. This discussion will include a short discussion from each of the panelists along with a moderated Q&A.

2:05PM-2:40PM

**Panel: Global Connections & Learning from Other Diseases**  
Moderated by Bennett Nemser, MPH, MBA and joined by panelists Alan Greenberg, MD, MPH, Samuel Gandy, MD, PhD & Yanis Ben Amor, PhD  
There have been many efforts over the years to transform public and professional perceptions of controversial, underserved, and misinformed diseases through outreach, advocacy, branding, funding, and targeted research efforts. Lyme disease is suffering from a severe lack of federal funding and lack of awareness/training in both public and medical sectors. The purpose of this panel is to discuss some of the history and present efforts that have happened in HIV/AIDS, Alzheimer's, and TB. In essence, what can we learn from our recent public health history to do better for Lyme disease in the present and future?

2:45PM-3:00PM

**Musical Performance by Jesse Ruben**

## MAIN STAGE

3:00PM-3:45PM

### Conference Spotlight

#### Policy Initiatives for Tickborne Disease Prevention and Control

John Aucott, MD, Susanna Visser, DrPH, MS, Sarah Khasawinah, PhD, MHS & Holly Ahern, MS, MT(ASCP)

Dr. John Aucott of John's Hopkins University will be joined by panelists Sue Visser from the CDC, Sarah Khasawinah from the U.S. Senate Aging Committee and a leader of the congressional TICK ACT, and Holly Ahern, a distinguished researcher and Professor at SUNY Adirondack, to discuss new thoughts, policies, and recommendations that are being implemented today. New paths are being generated to unite for awareness, advocacy and change. This panel will explore the advancements in science and policy that have generated the most encouragement for this change. We will learn what more we can be doing as patients, scientists, clinicians, members of the public.

3:50PM-4:05PM

### Global Perspective in Lyme Disease, The Lyme Trials Story in Image

4:10PM-4:50PM

### International Panel: Lyme Disease Impacts on Global Health

Timothy J. Sellati, PhD, Fabrizio Bonelli, PhD & Dr. med. Volker Fingerle

The impacts of tick borne diseases are far reaching. The international community, much like the US, has faced similar issues in outreach, advocacy, diagnosis, and treatment. This panel includes researchers and medical experts from around the world to share and discuss.

4:50PM-5:00PM

### Closing Remarks

Savi Glowé



## DOWNSTAIRS HALL

11:50 AM - 12:15 PM

### **Diagnostics: Lightning Talks**

Stephanie Gervasi, PhD, Zachary Ballard, MS & Hyou-Arm Joung, PhD

These presentations will review some of the newest discoveries in understanding Lyme Disease diagnostics. Stephanie Gervasi, PhD will present *Applying Predictive Analytics To Aid Lyme Disease Diagnosis*. Zachary S. Ballard, PhD & Hyou-Arm Joung, PhD will present *Point-of-care Lyme serodiagnostic test using a multiplexed vertical flow assay and machine learning*.

12:15 PM - 1:00 PM

### **Lab Talk**

Erol Fikrig, MD, Geoffrey Lynn, PhD, Aurobind Vidyarthi, PhD & Cheyne Kurokawa, PhD

Waldemar Von Zedtwitz, Professor of Medicine (Infectious Diseases) and Professor of Epidemiology (Microbial Diseases) and of Microbial Pathogenesis; Investigator, Howard Hughes Medical Institute; Section Chief, Infectious Diseases, Dr. Erol Fikrig, MD and fellow investigators at Yale University will share their work in research in Lyme disease vaccines. This innovative group will present three key research initiatives and Dr. Erol Fikrig will conclude the session with a brief Q&A. Geoffrey E. Lynn Ph.D will present *Tick Cement Cones and Midguts Used as Immunogens*. Aurobind Vidyarthi, Ph.D will present *Identifying the Mechanisms that are Involved in the Acquired Immune Resistance to Ticks*. And Cheyne Kurokawa, Ph.D will present *Development of Ixodes Scapularis Saliva as a Tick Vaccine*.

1:00PM-1:50PM

### **Connectivity Lunch**

Hosted by Wana Founder, Evan Golub & Co-Founder of Generation Lyme, Brooke Stoddard

Even when you seem to know everyone, it can be overwhelming to connect and network at large events. This welcoming space will be geared towards open conversation, friendly connections, and shared experiences of Lyme Warrior community.

## DOWNSTAIRS LOBBY

11:50AM-1:00PM

### **Special Topic Discussion: Care Models for Mothers and Children**

Phyllis Bedford, Crystal F. Barnwell, MD, Sue Faber, RN BScN & Suruchi Chandra, MD

There are challenges unique to the treatment and care of pregnant women and children. This panel will discuss these hurdles for best practices and managed care.