



ILADS | 2013
LYME DISEASE CONFERENCE

CONFERENCE PROGRAM



Making a difference in the diagnosis and appropriate treatment of Lyme and its associated diseases.

October 18-20, 2013
Paradise Point Resort
San Diego, California



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International Lyme And Associated Diseases Society

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PRESIDENT'S | LETTER

Dear Conference Attendees,

Welcome to San Diego! This is a city rich in history and one that appreciates and values the diversity of its people and cultures. As one of the fastest growing cities in the United States, it has had to confront many challenges in its evolutionary process of constructing a successful metropolis. Like San Diego, ILADS too has had to deal with many challenges in its history.

Through dedication and the work of its Board and its members, it has evolved into a mature medical organization that is valued throughout the world by scientists, researchers and practitioners. During the last several years it has increased the quality of its national and international programs and has developed regional programs to educate medical and mental health specialists about the complexities of Lyme and other tick-borne diseases.

Through its Physician Training Program, it has educated medical doctors interested in the field of tick-borne illness by providing them in-field clinical training under the auspices of ILADS medical mentors who have thousands of hours of training and experience with Lyme patients..

This year, we have a mission to provide a more comprehensive understanding of Lyme to all attendees as we shape the future by merging research and clinical skills at the 14th annual ILADS conference. The nature of tick-borne illnesses demands that the diverse opinions of those who practice in the field are brought together in a forum which allows for collegial sharing, understanding and respect. ILADS believes that everyone should have a seat at the Lyme table so that differing points of view can be presented and discussed in an effort to formulate a national policy that will benefit all patients and those who treat them.

We welcome your presence at this conference and hope that you will find the knowledge that you gain resourceful in your work within the field of tick-borne illnesses.



Leo J. Shea III, PhD
President, ILADS



WELCOME

PROGRAM | HIGHLIGHTS

Saturday
October 19, 2013
12:00pm–1:30pm
Paradise Terrace



Lunch with Optional Lecture sponsored by Researched Nutritionals

Lecture:

Optimizing Patient Outcome: Diagnostics & Integrative Treatment

Todd C. Thoring, ND and Steve J. Harris, MD

When a patient presents with what appears to be Lyme Disease, the health practitioner is faced with running the appropriate labs with the hope of getting definitive results. With the inherent uncertainty and diagnostic issues of Lyme testing, the doctor often must proceed with the appropriate treatment protocol based on the patient's clinical presentation. Successful treatment includes more than selecting the appropriate interventions; it must include the timing and order in which these interventions should occur. Drs. Todd Thoring and Steve Harris are well recognized ILADS doctors with many years of Lyme treatment, optimizing patient outcome via an integrative approach. This lecture will provide doctors with tools to take back to the office and employ immediately to enhance patient healing. The healthcare professional will learn the key components to successful Lyme treatment and the importance of the combination and order in which the patient should follow. There is no CME for this event. If you would prefer, you may help yourself to lunch and dine at the tables provided outside.

Saturday
October 19, 2013
7:00pm
Paradise Terrace



Luau Networking Reception

Gala Fundraiser to Benefit Physician Training

Saturday
October 19, 2013
7:30pm
Paradise Terrace



Luau Gala Awards Dinner

Gala Fundraiser to Benefit Physician Training

ILADS invites you to join us for a rare opportunity to engage with some of the world's leading Lyme disease researchers and practitioners on the Paradise Terrace. This prestigious charity event is in aid of ILADEF, as we together address the number one vector borne epidemic worldwide.

7:30pm Luau dinner and Polynesian entertainment

9:00pm Awards program, presentations and speeches.

PROGRAM | FRIDAY, OCT. 18TH

DAILY ACTIVITIES

7:00am Registration opens - Bayview/Sunset Terrace

7:15am Exhibits open - Sunset Ballroom

7:15am Continental Breakfast - Sunset Ballroom (*Gluten free option*)

9:30-10:00am Networking Break - Sunset Ballroom

12:00-1:30pm Lunch for all registrants – Paradise Terrace (*Gluten free option*)

ILADS is pleased to offer an informal gathering during our Friday lunch period. We intend the gathering to provide a time for attendees to network with other ILADS members. This year we have several speaker volunteers along with several of our board members who can be found in the lunch area at designated tables. All paying registrants are invited to attend. There will be a buffet line. Please allow the table hosts to go through the line first. Check with registration for an updated list of hosted tables.

3:00-3:30pm Networking Break - Sunset Ballroom

5:30pm ILADS Members only Meeting - Paradise Ballroom

PLENARY SESSIONS

Location: Paradise Ballroom - Moderator: Leo J. Shea III, PhD, President ILADS

8:00-8:15am Welcome *Leo J. Shea III, PhD, President ILADS*

8:15-8:45am Hyperbaric Oxygen Therapy in the Management of Lyme Disease - *Samuel M. Shor, MD, FACP*

8:45-9:30am IVIg treatment for autoimmune issues in Lyme Disease: I. Neuropathies - *Amiram Katz, MD*

10:00-10:30am Endocrine Disorders in Lyme Disease Complex - *Daniel A. Kinderlehrer, MD*

10:30-11:00am Ear, Nose & Throat Manifestation of Lyme Disease - *Benjamin F. Asher, MD*

11:00-11:30am Clinical Research Networks: A Needed Paradigm for Understanding Chronic Diseases - *Andreas M. Kogelnik, MD, PhD*

11:30am-12:00pm Q&A Panel

Breakout A

Location: Pacific Island

Integrative Medicine

Moderators: Daniel A. Kinderlehrer, MD & Steven J. Bock, MD

Moderator Introduction

Integrative Medicine Overview & Introductions

Daniel A. Kinderlehrer, MD

1:30-3:00pm

Evaluation and Treatment of Viral Infections, Parasites and Chlamydia Pneumoniae

Neil Nathan, MD

3:30-4:30pm

Utilizing Herbs and Homeopathics in the Management of Tick Borne Disease

Kristine Gedroic, MD

4:30-5:30pm

Q&A Panel

Breakout B

Location: Dockside

Evolving Concepts and Research Part 1

Moderator: Daniel J. Cameron, MD, MPH

1:30-3:00pm - Poster Presentations

Preliminary Investigation of Babesia Species in Australian Ticks and Australians Diagnosed with Lyme Borreliosis

Brooke Story-Lewis

Evidence for Spirochetal Involvement in Morgellons Disease

Cheryl Bandoski, MS Candidate

1. Effectiveness of Peruvian antimicrobial agents on the different morphological forms of *Borrelia burgdorferi*

2. Sensitivity of different forms of *Borrelia burgdorferi* to Nitroimidazole antibiotics combined with Doxycycline

Priyanka A. S. Theophilus, MS Candidate

3:30-5:30pm

Open Discussion of Cutting Edge Research

Breakout C

Location: Bayview

Beyond Basics

Moderator: Richard I. Horowitz, MD

1:30-3:00pm

Why Can't I Get Better? Using the Lyme-MSIDS Map for the Diagnosis and Treatment of Chronic Illness (Part A)

Richard I. Horowitz, MD

3:30-4:00pm

Why Can't I Get Better? Using the Lyme-MSIDS Map for the Diagnosis and Treatment of Chronic Illness (Part B)

Richard I. Horowitz, MD

4:00-5:00pm

Improving Clinical Patient Management Skills in the Complex Lyme Patient

Richard I. Horowitz, MD

Joseph J. Burrascano, Jr., MD

5:00-5:30pm

Q&A Panel

Breakout D

Location: Garden

The Brain and Behavior in Tick-borne Disease

Moderator: Sheila M. Statlender, PhD

1:30-2:00pm

Infectious Behavior: Brain - Immune Connections and Psychiatric Disorders

Paul H. Patterson, PhD

2:00-2:30pm

The Psychoimmunology of Tick Borne Diseases and its Association with Neuropsychiatric Symptoms

Robert C. Bransfield, MD

2:30-3:00pm

Psychiatric Diagnosis and the Revised DSM - V: Implication for Patients with Tick Borne Diseases

Sheila M Statlender, PhD

3:30-4:00pm

Disability and Psychiatric Symptoms: Special Challenges and Important Strategies

Mala M. Rafik, JD

4:00-4:30pm

Navigating the Disability Battlefield

Corinne Chandler, JD

4:30-5:30pm

Q&A Panel

PROGRAM | SATURDAY, OCT. 19TH

DAILY ACTIVITIES

7:00am Registration opens - Bayview/Sunset Terrace

7:15am Exhibits open - Sunset Ballroom

7:15am Continental Breakfast for all registrants – Sunset Ballroom (*Gluten free option*)

9:30–10:00am Networking Break - Sunset Ballroom

12:00–1:30pm Lunch with **Optional Lecture sponsored by Researched Nutritionals**

Paradise Terrace (*Gluten free option*)

Lecture: Optimizing Patient Outcome: Diagnostics & Integrative Treatment

Todd C. Thoring, ND and Steve J. Harris, MD Lecture

When a patient presents with what appears to be Lyme Disease, the health practitioner is faced with running the appropriate labs with the hope of getting definitive results. With the inherent uncertainty and diagnostic issues of Lyme testing, the doctor often must proceed with the appropriate treatment protocol based on the patient's clinical presentation. Successful treatment includes more than selecting the appropriate interventions; it must include the timing and order in which these interventions should occur. Drs. Todd Thoring and Steve Harris are well recognized ILADS doctors with many years of Lyme treatment, optimizing patient outcome via an integrative approach. This lecture will provide doctors with tools to take back to the office and employ immediately to enhance patient healing. The healthcare professional will learn the key components to successful Lyme treatment and the importance of the combination and order in which the patient should follow.

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3:00-3:30pm Networking Break - Sunset Ballroom

7:00pm Luau Networking Reception – Paradise Terrace

Gala Fundraiser to Benefit Physician Training

7:30pm Luau Gala Awards Dinner – Paradise Terrace

Gala Fundraiser to Benefit Physician Training

PLENARY SESSIONS

Location: Paradise Ballroom - Moderator: Daniel J. Cameron, MD, MPH

8:00-8:30am A Neurosurgeon's View of Ethics in the Treatment of Tick Borne Disease - *Charles V. Burton, MD*

8:30-9:00am Rocky Mountain Spotted Fever and Other Rickettsial Infections - *Christine Green, MD*

9:00-9:30am Mycotoxins and Chronic Fatigue Syndrome - *Joseph H. Brewer, MD*

10:00-11:00am Postural Orthostatic Tachycardia Syndrome - *Hasan M. Abdallah, MD*

11:00-11:30am Key Findings from the NCSU Bartonella Research Program - *Natalie A. Cherry, PhD*

11:30-12:00pm Q&A Panel

Breakout A - Location: Bayview

Integrative Medicine

Moderator: Daniel A. Kinderlehrer, MD

1:30-3:00pm

Biofilms and Coagulopathies

Norton L. Fishman, MD

3:30-4:30pm

The Lyme and Gut Connection: The Role of Diet and Gastrointestinal Health in Treating Lyme Disease

Sunjya K. Schweig, MD

4:30-5:30pm

Q&A Panel

Breakout B - Location: Dockside

Evolving Concepts and Research Part 2

Moderator: Daniel J. Cameron, MD, MPH

1:30-2:00pm - Development and Validation of a Novel Interferon- γ ELISPOT Assay for Sensitive and Specific Detection of Antigen-Specific T Cell Response to *Borrelia burgdorferi*

Chenggang Jin, MD, PhD

2:00-2:30pm - Heat Shocked Proteins in Treatment Against Lyme Disease

Nicole Gerling, MD

2:30-3:00pm - Preanalytical Samples Processing in Laboratory Tests for Tick-Borne Diseases

Armin Schwarzbach, MD, PhD

3:30-4:00pm - In Vivo Evidence for *Borrelia* Biofilm

Eva Sapi, PhD

4:00-5:30pm - Q&A Panel

Breakout C - Location: Garden

Laboratory Advances

Moderator: Raphael Stricker, MD

1:30-2:00pm - *Borrelia* Culture Test

Joseph J. Burrascano Jr., MD

3:30-4:00pm - *Borrelia Miyamotoi* Testing

Jyotsna Shah, PhD

2:00-2:30pm - Immune Testing in Lyme Disease

Leona Gilbert, PhD

4:00-4:30pm - Elispot Assay for Lyme Disease

Chenggang Jin, MD, PhD

2:30-3:00pm - Update on Biofilms

Eva Sapi, PhD

4:30-5:30pm - Q&A Panel

PROGRAM | SUNDAY OCT. 20TH

ACTIVITIES

7:15am Continental Breakfast - Sunset Ballroom (*Gluten free option*)

7:30am Registration opens - Bayview/Sunset Terrace

7:30am Exhibits open - Sunset Ballroom

9:30–10:15am Network Break - Sunset Ballroom

12:00pm Exhibits Close

12:00pm Conference Adjourns

PLENARY SESSIONS

Location: Paradise Ballroom - Moderator: Samuel M. Shor, MD, FACP

8:00-8:45am IVIg treatment for autoimmune issues in Lyme Disease: II. Neurodegenerative and Other Neuro inflammatory conditions - *Amiram Katz, MD*

8:45-9:30am Goal Directed Therapy of Lyme and Tick Borne Diseases - *Daniel J. Cameron, MD, MPH*

10:15-10:45am Autoimmunity and Infection in Movement and Neuropsychiatric Disorders - *Madeleine W. Cunningham, PhD*

10:45-10:50am Presentation of the John Drulle Research Award

10:50-11:15am Q&A Panel

11:15am-12:00pm ILADS Training Physicians Give Clinical Pearls

At the discretion of the course director, any participant may be asked to leave the Conference and barred from returning without refund of the Attendee's registration fee.

Registration for the 2013 ILADS Basic/Annual Conference is non-refundable.

No audio/video taping is permitted.

Dr. Hasan Abdallah is founder and director of the Children's Heart Institute's board certified pediatric cardiologist, Fellow of the American College of cardiology, American Academy of pediatrics and Society of cardiac angiography and intervention. Published original cardiology work and presented at American Heart Association and American College of cardiology national meetings. The recipient of rewards including Top Cardiologists in northern Virginia, US top cardiologists, Bio Harmonics' Star of Health Award, and Meritorious Service and commitment to children of DYNA. Board member of Dysautonomia International and Dysautonomia youth of North America. Current work: Quantitative measures in autonomic dysfunction and orthostatic intolerance.



Benjamin F. Asher, MD, FACS: A New York City based, board-certified Otolaryngologist / Head and Neck Surgeon, Dr. Asher is renowned for his diagnostic capabilities and innovative, comprehensive approach to treatment. He has been at the forefront of integrating alternative and complementary protocols to ENT (Ear, Nose and Throat) disorders for over thirty years. Dr. Asher's commitment to identifying and addressing the root cause of each individual's symptoms has lead him into arenas often beyond the scope of a traditional ENT; motivating him to gain expertise in broader systemic disorders and their treatment, including tick borne illnesses. He offers a functional, patient-centered method of care. He has served on the faculties of Harvard, Washington University, and Dartmouth medical schools, and is the founder and former chairperson of the Committee on Alternative Medicine for the American Academy of Otolaryngology. He also served as a board member of the American Holistic Medical Association.

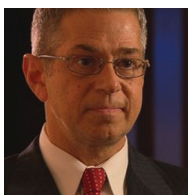


Robert C. Bransfield, MD, DLFAPA, Clinical Associate Professor Robert Wood Johnson UMDNJ Medical School and President International Lyme and Associated Diseases Educational Foundation is a graduate of Rutgers College and the George Washington University School of Medicine. He completed his psychiatric residency training at Sheppard and Enoch Pratt Hospital. He is board certified by the American Board of Psychiatry and Neurology in Psychiatry, is certified in Clinical Psychopharmacology by the American Society of Clinical Psychopharmacology and is Distinguished Life Fellow of the American Psychiatric Association. Dr. Bransfield's primary activity is an office based private practice of psychiatry. In addition, Dr. Bransfield is the Associate Director of Psychiatry and Chairman of Psychiatric Quality Assurance at Riverview Medical Center in Red Bank, NJ, Past Immediate President of the International Lyme and Associated Diseases Society, Immediate President of the New Jersey Psychiatric Association. He has held a number of administrative positions for various organizations involved with a number of health, mental health and community related activities

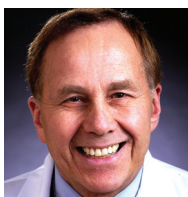




Dr. Joseph Brewer is an infectious disease specialist in Kansas City, Mo. Dr. Brewer is in private practice with Plaza Infectious Disease and also is a consulting physician at St. Luke's Hospital of Kansas City. He is an assistant clinical professor of medicine at the University of Missouri – Kansas City School of Medicine. Dr. Brewer is involved in clinical teaching at St. Luke's and UMKC. He has been in practice for over 30 years including clinical practice of infectious disease, teaching responsibilities and clinical research. Dr. Brewer has had a long standing interest in chronic illness patients including chronic fatigue syndrome and Lyme disease. The most recent study and research of these patients, starting in 2012, has involved the role of mold and mycotoxins in these chronically ill patients. The first publication of the mold research was published in April 2013.



Joseph J. Burrascano Jr. MD is a well recognized specialist in the diagnosis and treatment of Lyme and associated complex infectious diseases, and the chronic illnesses that accompany them. With over two decades of experience and research in this field, he has appeared in and on virtually every form of media, has advised the CDC and NIH, testified before the U.S. Senate, an armed services joint subcommittee, and at various governor's councils. A founding member of ILADS, he currently is an active Board Member of the International Lyme and Associated Diseases Educational Foundation. Burrascano is retired from clinical practice. His current areas of interest include his ongoing project, The Lyme and Associated Diseases Registry™ which follows each selected patient from the beginning to the end of their illness, tracking symptoms, tests, treatments and outcomes. In addition, he is actively involved in the newly develop blood culture for Borrelia which may help to finally end many of the controversies associated with Lyme Disease. Finally, his lifelong interest in nutrition has come to bear with his present consultative work with various nutritional supplement suppliers. No longer in clinical practice, Dr. Burrascano works full time in the biotech arena to further medical research in tick-borne and other chronic illnesses.

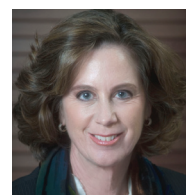


Charles V. Burton, MD is a neurosurgeon who is the Medical Director of Sentinel Medical Associates, a multi-specialty clinic located in St. Paul MN. Dr. Burton's surgical training was at Yale Medical Center and his neurosurgical training was at Johns Hopkins Hospital. He has been a military neurosurgeon and has taught neurosurgery at Johns Hopkins and Temple Medical Center. He has been a founder or founding member of a number of professional medical organizations including the American Board of Spine Surgery. Dr. Burton has been active in research, publishing, and teaching in the areas of Failed Back Surgery, Spine Rehabilitation, Implanted Neurostimulators, and Genomic (Hereditary) Spine Disorders. He is presently active in the technology of nanoparticle delivery. He has been the Editor of www.burtonreport.com for almost 14 years and presently serves as the President of the Association for Medical Ethics www.ethicaldoctor.org. His interest in Tick-Borne Disease has been through the Sentinel Tick-Bore Disease Specialty Clinic and his medical group's experience in evaluating and treating disabled patients from around the United States over the years.

Daniel Cameron, MD graduated from the University of Minnesota followed by residencies at Beth Israel Medical Center and Mt. Sinai School of Medicine in New York. Dr. Cameron is widely recognized for conducting epidemiologic research while practicing medicine. He has been viewed as a pioneer in Lyme disease as an author of practice guidelines, analytic reviews, and clinical trials. He has published 9 peer reviewed articles based on his research in the past 5 years. Dr. Cameron has led ILADS, the International Lyme and Associated Diseases Society, to new heights as its president from 2007 to 2009. He has testified as an expert on Lyme disease for legislation in Connecticut, Massachusetts, and Pennsylvania for physician's rights to diagnose Lyme disease using clinical judgment without state interference. He has been interviewed as an expert on the NBC today show, Good Morning America, Fox News, Sirius radio and in newspapers. He currently sees patients in his private practice in Mt. Kisco, New York while continuing his research and writing. He maintains the website www.LymeProject.com.



Corinne Chandler has practiced law for over 30 years and has over 25 years of experience litigating life and disability disputes. Ms. Chandler's current practice is devoted to representing insureds in actions involving life, disability and long term care insurance benefits. She has litigated close to 500 such disputes and has obtained dozens of trial and appellate decisions in favor of insureds, recovering insurance benefits. Ms. Chandler has been named a Super Lawyer every year since 2010 in the field of ERISA litigation and was also named a "Top Women Attorney in Southern California" by Super Lawyers in 2012 and 2013. She has frequently lectured on insurance claims litigation to industry groups and attorneys. She received a B.A. Degree from St. Mary's College, Notre Dame, Indiana and her J.D. Degree from De Paul University, College of Law. She has received licenses to practice law in Illinois and California and is admitted to all courts in the State of California.



Dr. Natalie Cherry serves as Research Scientist and Laboratory Supervisor at Galaxy Diagnostics, Inc. where she leads research projects on Bartonella and oversees clinical diagnostic services on a day-to-day basis. Dr. Cherry studies a number of vector-borne bacteria though her primary focus is on the ecological diversity and potential clinical impact of Bartonella infection across animal species, including humans. She has nine currently published manuscripts in top medical journals, including the Journal of Veterinary Internal Medicine, the Journal of Clinical Microbiology, and Emerging Infectious Diseases. Dr. Cherry recently completed a Ph.D. in Comparative Biomedical Sciences with a concentration in Infectious Diseases and minor in Biotechnology from NC State University, where she trained under the guidance of Dr. Edward Breitschwerdt, a highly-regarded veterinary internist and medical researcher in the field of vector-borne diseases. Dr. Cherry earned the Leroy Coggins graduate fellowship award for outstanding research in the field of Infectious Diseases. She has presented at local, national, and international conferences on Bartonella and Rickettsial diseases and is currently a member of the American Society of Microbiology.





Madeleine W. Cunningham, PhD received her PhD in 1973 at University of Tennessee-Memphis in Microbiology and Immunology. She studied for 3 years as a postdoctoral fellow in Protein Studies at the Oklahoma Medical Research Foundation in Oklahoma City. Following her postdoctoral fellowship, she accepted a position at the University of Oklahoma Health Sciences Center & has maintained an active laboratory since 1980. Research in Dr. Cunningham's laboratory investigates molecular mimicry, autoimmunity and infection in inflammatory heart diseases and in behavioral and movement disorders. Her laboratory studies autoimmunity, infection and behavior which is manifest in diseases such as Sydenham's chorea and in pediatric autoimmune neuropsychiatric disorder following group A streptococcal infection (PANDAS). Using human monoclonal antibodies, the work has identified antibody mediated neuronal cell signaling as a potential basis for movement or neuropsychiatric disorders and potentially other brain related disorders, including obsessive compulsive disorder, Tourette's Syndrome and Tics. These diseases including PANDAS are under investigation to determine the relationship of autoantibodies which bind to brain antigens or signal in the brain to development of symptoms. She has recently received funding from the Lyme Disease Association and received the 2013 Trailblazer Award from Autism Speaks. She was funded by the National Institute of Mental Health Bench to Bedside Grant to investigate autoantibodies in PANDAS in the recent NIMH IVIG trial. Dr. Cunningham has served many years on review panels at the National Institutes of Health and served on the National Research Committee at the American Heart Association. She was a representative of the United States for the US-Indo Vaccine Action Program. She was elected an AAAS fellow and ASM fellow. She received a National Heart Lung and Blood Institute Research Career Development Award and Merit Award. She has been supported by the NIH for the past 25 years. She is the Director of the NIAID supported Immunology Training Program at the University of Oklahoma Health Sciences Center. She lectured on the effects of autoantibodies on the brain in the Presidential Symposium at the American Association of Immunologists in 2010. Dr Cunningham is the author of over 100 publications.



Norton L. Fishman, MD, FACP, CNS is a board-certified internist specializing in diagnosing and treating chronic, complex health issues that may be undiagnosed, misdiagnosed or inadequately treated. Many of these patients have Lyme disease or other Vector-Borne Zoonotic Diseases. He is founder and medical director of Optimal Health Physicians in Rockville, MD.

Kristine Gedroic, MD received her degree in Biochemistry from Harvard University. She completed her medical degree at Thomas Jefferson University. She began as a resident in plastic surgery at Cornell University in New York City and later switched paths to pursue Integrative Medicine. She completed a Family Practice Residency at Overlook Hospital in New Jersey and then pursued fellowship in Integrative Medicine with Andrew Weil at the University of Arizona. In 2010 she received board certification from the American Board of Medical Acupuncture. Dr. Gedroic is a member of ILADS and she completed the Physician's Training Program with both Dr. Richard Horowitz and Dr. Ann Corson. In 2012 Dr. Gedroic opened the Gedroic Center for Integrative Medicine in Morristown, NJ. She has a specialty interest in tick-borne disease and sees both children and adults at the center. Her approach to care includes pharmaceutical management, along with naturopathic and homeopathic management. Dr. Gedroic lives in Morristown with her husband and 3 young sons.



Dr. Nicole Gerling MD studied human medicine in Muenster (Germany) with practical clinical courses in Aachen (Germany) and Wuppertal (Germany). Afterwards she worked as General Practitioner in her own practice in Aachen (Germany). Following, she changed to Baden-Baden (Germany) and worked at the integrative medicine and rehabilitation clinic Korbmatfelsenhof, as well as at the private clinic Stephanie Les Bains, Brenner's Park Hotel. After having changed to Munich, Germany, Nicole Gerling joined the University clinics Munich being engaged at the research center on complimentary medicine. During this period she took the chance to realize an internship at the University of Wisconsin – Madison, USA, which was dedicated to Mind Body Medicine. On the basis on this comprehensive experience Nicole Gerling opened her own private practice in Gruenwald near Munich (Germany) in 2006, since then working as General Practitioner. Alongside she studied biological immunotherapy, getting the diploma from the University of Milano, Italy. Nicole Gerling is an active member of the German lyme disease society, the ILADS (International Lyme and Associated Diseases Society), the quality circle for Biological Medicine and Naturopathy Bavaria and the competence network for the prevention of common diseases, Campus IGM, Technical University Munich, Germany. She has held several presentations during past ILADS congresses and several German congresses on lyme and multi-system diseases. The focus of the professional activities of Nicole Gerling (but not limited to this) is on lyme and multi-system diseases (Multiple Chemical Syndrome, MCS, and environmental medicine), complementary cancer therapy, chronic pain, allergies and chronic fatigue (burn out). Specialties concerning treatment are acupuncture, traditional Chinese medicine (TCM), integrative medicine and nutritional medicine. A very new focal point is the treatment with heat shock proteins. This novel treatment alternative is applied with very great success to several different diseases. Because of the successful treatment of different severe illnesses, often being chronic, patients do not only come from all over Germany, but e.g. even from Russia and the USA.





Dr. Leona Gilbert is a Canadian working in Finland as a Project Leader and University Lecturer at the University of Jyväskylä. She completed her PhD degree in Biotechnology and pursued a research career in understanding the mechanism of pathogen driven autoimmune conditions. This research leads also to the development of diagnostics for various human pathogens, such as Legionella, Borrelia and Human Parvovirus B19. Concurrent research in Borrelia allowed Dr. Gilbert's involvement in the EU Project - Hilysens; Highly sensitive and specific low-cost lab-on-a-chip system for Lyme disease diagnosis. Her research publication spans viral application in chronic diseases, microbial biotechnological applications and Lab-On-Chip technology for diagnostic development.



Christine Green, MD is a Phi Beta Kappa graduate of Reed College in Biology and Ecology, an appropriate choice for a doctor treating tick borne diseases. She completed her medical training at UC San Diego and then went on to her family practice residency at Stanford University. Dr. Green works at Green Oaks Medical Center in Los Altos, CA. She is the Chair of the ILADS Medical Education Committee.

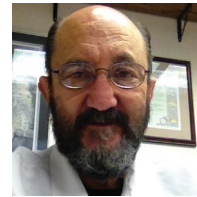


Richard I. Horowitz, MD, is a Board Certified Internist and Director of the Hudson Valley Healing Arts Center, in Hyde Park, New York, USA. He is a founding member of ILADS, and is President of the International Lyme and Associated Disease Educational Foundation (ILADEF), an organization dedicated to the education of health professionals in the diagnosis and treatment of tick-borne disorders. Dr. Horowitz has treated over 12,000 chronic Lyme disease patients in the last 20 years, and has researched and published on the role of co-infections in patients with persistent symptoms. He was awarded the Humanitarian of the Year award by the Turn the Corner Foundation in 2007, for his ongoing work with chronic Lyme disease.



Dr. Chenggang Jin holds a Ph.D in Immunology and is also an M.D with 20 years of experience in medical research at Princeton University, The University of Iowa Hospitals and Clinics and Beth Israel Deaconess Medical Center/Harvard Medical School. Dr. Jin also holds certification from the Educational Commission for Foreign Medical Graduates in the field of medicine. His specialized training includes many years of technical and research experience in cellular immunology and molecular biology. He is currently the Director of Laboratory Immunology at Pharmasan Labs and led the creation of new clinical laboratory assay, iSpot-Lyme, for Lyme disease.

Amiram Katz, MD is a Board Certified neurologist. He practices in Orange, CT and teaches neurology at Yale University. He graduated Cum Laude from Sackler School of Medicine, Tel Aviv, Israel, in 1976. From 1976 to 1979 Dr. Katz served as a naval medical officer, following which he completed his neurology training. He obtained his Neurology Board Certification in Israel with distinction in 1984. He then served as the Commanding Officer of the Israeli Naval Hyperbaric and Medical Institute and the Director of the Naval Motion Sickness Research Center. He assumed the position of Chief of Neurology at Central Emek Hospital in northern Israel, before coming to the Cleveland Clinic for fellowship in clinical neurophysiology and sleep medicine, in 1987. In 1989 he completed a fellowship in Clinical Epilepsy at Yale, following which he became a faculty member at the Department of Neurology, where he published and presented papers in the field of epilepsy and neuroimaging. In 1993 he started the Epilepsy program at Norwalk Hospital, where in addition of being the Director of the Epilepsy Center he held the positions of Director of Diving Medicine, Director of Telemedicine and Associate Director of the Sleep Disorder Center. From the mid 90's he took interest in Lyme disease and focused on this field from the turn of the millennium. In addition to the clinical and scientific work in the field, he was instrumental in legislation in Connecticut and Rhode Island, protecting the rights of patients and physicians dealing with this epidemic. He compiled close to a 100 abstracts and papers and received multiple awards in his fields of expertise.



Daniel A. Kinderlehrer, MD is a nationally recognized holistic physician with expertise in the fields of nutrition, allergy, environmental medicine, Lyme disease and the healing of mind-body-spirit as a unified whole. Dr. Kinderlehrer co-founded The New England Center for Holistic Medicine in Newbury MA, and has taught extensively, including practitioner training courses at the National Institute of Behavioral Medicine and The Omega Institute. He coauthored The Antioxidant Save-Your-Life Cookbook and is the author of several review articles in medical journals and the Lyme Times. His integrated medical practice in Boulder, CO focuses on the diagnosis and treatment of tick-borne disease.



Andreas Kogelnik, MD, PhD received his MD from Emory University and his PhD in bioengineering from the Georgia Institute of Technology. He completed a residency in Internal Medicine and a Fellowship in Infectious Diseases at Stanford University. After 8 years at Stanford as an NIH and HP funded physician-scientist working at the intersection of genomics, microbiology/immunology, and bioinformatics with Dr. Ellen Jo Baron, Dr. Stanley Falkow, and Dr. Atul Butte, he left Stanford to found the Open Medicine Institute (OMI). At OMI, he has successfully driven forward a new collaborative model for patient-centric clinical research networks through OpenMedNet by leveraging information and biotechnology to bring together physicians and patients, pharma, diagnostic companies, government, and foundations. Dr. Kogelnik's research interests drive at longitudinal outcomes measurement of populations from pre-conception to advanced age with a particular focus around rapidly emerging complex conditions such as Lyme, autism, diabetes, and various viral and immunologic syndromes.



SPEAKER | BIOS



Neil Nathan, MD is Board Certified by the American Board of Family Medicine and is a Founding Diplomate of the American Board of Integrative Holistic Medicine. In his practice at Gordon Medical Associates, with offices in Santa Rosa and Fort Bragg, CA. His presentation will attempt to review new information about specific viral infections, Chlamydia pneumonia, and a newly discovered parasite, *Varestrongylus klapowii*, into the integrated treatment of Lyme disease. Dr. Nathan is the author of the newly released book "Healing is Possible: New Hope for Chronic Fatigue, Fibromyalgia, Persistent Pain and Other Chronic Illnesses".



Dr. Paul H. Patterson is working in the areas of developmental neuroscience, as well as translational projects aimed at understanding the pathophysiology of schizophrenia, autism, multiple sclerosis and Huntington's disease. We are also exploring a number potential therapeutics for these disorders as well as developing novel viral vectors for CNS gene therapy.



Mala M. Rafik is a partner at Rosenfeld Rafik & Sullivan, P.C., a law firm in New England representing clients denied access to health care as well as individuals seeking short- and long-term disability, life and long-term care benefits from private insurance carriers. The firm also concentrates on obtaining Social Security disability insurance benefits for its clients. Mala's clients are typically individuals with debilitating chronic illnesses and disabilities for whom she has achieved several pivotal litigation victories in state and federal court. Mala is the Chair of the Insurance Law Section of the American Association for Justice, a Vice-Chair of the Health and Disability Law General Committee within the Tort Trial & Insurance Practice Section of the American Bar Association, a former member of the Boston Bar Association Council, and a current member of the Mentoring and Legal Referral Services Committees of the Boston Bar Association. She is also the Chair of the Board of Directors of Health Law Advocates, and a member of the Board of Directors of Massachusetts Correctional Legal Services. Mala has been both a Massachusetts Rising Star and Super Lawyer in Boston Magazine since 2007, and was named a 2006 Up & Coming Lawyer and 2012 Top Women of Law honoree by Massachusetts Lawyers Weekly. Mala teaches Disability Law at New England Law and is a graduate of Colby College and Northeastern University School of Law.

Dr. Eva Sapi received her Ph.D. degree in Genetics from the University of Eotvos Lorand (Budapest Hungary). She is an Associate Professor at the University of New Haven (Connecticut) where she teaches graduate biology courses and carries out Lyme disease research with her graduate students. To date, over 70 graduate students have received training in Lyme disease related research. In the last several years UNH Lyme disease research group has identified an alarming increase in the co-infection rate in deer ticks in Southern Connecticut, including discovery of novel co-infections such microfilarial nematode species. Her recent studies investigate the different forms of *Borrelia burgdorferi* to better understand how *Borrelia* can hide from the immune system as well as from antimicrobial therapies. Her recent research shows that *Borrelia burgdorferi* is capable forming a protective layer around itself – called biofilm – which could render it to be very resistant to antibiotics and provide a logical explanation as to why extensive antibiotic treatment for patients with a tick-bite history could fail. The goal of her research group is to fully characterize this novel form and to identify novel antibacterial agents that are effective in killing all forms of *Borrelia burgdorferi*. Dr. Sapi organized and chaired five Lyme Disease Symposiums at the University of New Haven during the last several years.



Dr. Armin Schwarzbach, MD, PhD is a specialist in laboratory medicine from the Borreliose Centrum Augsburg/Infecolab, Augsburg, Germany. He began by studying biochemistry at Hoechst AG, Frankfurt/Germany and pharmacy at the University of Mainz/Germany in 1984. After that he studied medicine for 6 years at the University of Mainz/Germany and finished his MD in 1991. He worked as a medical assistant in internal medicine, oncology, cardiology, gastroenterology and infectiology afterwards for several years. By 1993 he had started specializing in laboratory medicine for another 4 years in infectiology, microbiology, immunology, hematology, clinical chemistry, endocrinology and gynecological endocrinology. Dr. Schwarzbach is the Chair of the laboratory test, international and international membership committees of ILADS and was appointed in March 2013 as the International expert for the Chief Medical Officer's Clinical Advisory Committee on Lyme Disease in Australia (CACLD) of the Australian Government, Department of Health and Ageing, Canberra, Australia. He is also member of the new working group for Lyme disease of the Haut Conseil de la sante publique, Paris, France. Dr. Schwarzbach is member of the German Borreliosis Society, the Swiss Association for Tick-borne diseases, the German Association of Clinical Chemistry and Laboratory Medicine, the German Society for Medical Laboratory Specialists and the Australasian Integrative Medicine Association. Dr. Schwarzbach developed the first worldwide Radioimmunoassay for human Gastric Inhibitory Polypeptide. He is the co-founder and CEO of the Borreliose Centrum Augsburg and Infecolab laboratories in Augsburg/Germany and specializes in the diagnostics and treatment for patients with tick-borne diseases for over 10 years now.





Sunjya K. Schweig, MD is an expert in complex chronic illnesses which require rigorous investigation and management. He carefully examines all the potential contributing factors in each patient's case, such as infections, inflammation, hormones, diet and food triggers, allergies, psychological status, stress, sleep, genetics, toxin load, and the patient's past and present environment. Dr. Schweig became interested in Lyme disease and tick borne infections when his wife was diagnosed with multiple tick borne infections (after 12 years of misdiagnosis). Dr. Schweig received his B.A. from the University of California, Berkeley. He attended medical school at the University of California, Irvine, on full scholarship. At Irvine, he was a leader in Complementary and Integrative Medicine (CAM) education, where he designed and led the medical school's CAM curriculum. He served on the Board of the Susan Samueli Center for Complementary and Alternative medicine and was chosen as one of twenty medical students to attend the NIH Leadership Training Program in Complementary and Alternative Medicine. Dr. Schweig completed his family medicine residency at the University of California, San Francisco (UCSF), Family Practice Residency Program in Santa Rosa, CA. During his work at the residency program, he was instrumental in developing and founding the Integrative Medicine Fellowship program. Dr. Schweig continues to be active in medical education and has served as an instructor and supervisor of residents and student interns at the UCSF Santa Rosa Residency, as well as medical students at Touro University College of Osteopathic Medicine. Dr. Schweig has lectured nationally and internationally at conferences, hospitals, and universities. Dr. Schweig is in private practice in Sonoma County, California.



Dr Jyotsna Shah is the Vice- President and Laboratory Director of IGeneX Laboratory, Palo Alto, CA and founder and Vice- President of Research and Development of ID-FISH Technology Inc., Palo Alto, CA. IGeneX is a leading reference laboratory for diagnosis of Lyme and associated diseases. ID-FISH is a biotechnology company that specializes in development of Fluorescent In Situ Hybridization (FISH) assays for infectious diseases. ID-FISH has developed FISH assays for direct detection and speciation of malaria parasites in blood films and mycobacteria in sputum specimens and cultures. She has over 20 years of research experience in immunology, molecular biology and microbiology. She got her B.Sc. and M.Sc in Biological Sciences from UK and her Ph.D. in diagnostic immunology from Nairobi University. She then joined International Laboratory for Research on Animal Diseases (ILRAD) as a post-doctoral scientist where she started the first DNA sequencing laboratory in E. Africa. On completion of her fellowship, she joined Harvard University, Department of Tropical Medicine as a research fellow and continued work on development of molecular tools for diagnosis of parasitic diseases. She is a world expert on use of Fluorescent in Situ Hybridization (FISH) technique for direct detection of pathogens in clinical samples. For the last 16 years she has been at IGeneX, where she introduced the first Fluorescent In Situ Hybridization (FISH) test for Babesia and also set up the PCR department for tick-borne diseases. She has received several NIH grants for development of FISH assays for malaria and TB in the last 10 years. Currently she is working with leading TB and Malaria research centers in South America, Asia and Africa. Dr. Shah has over 20 patents and many formal publications. She is an active member of ILADS and numerous other societies.

Leo J. Shea III, PhD is Clinical Associate Professor of Rehabilitation Medicine at Rusk Institute, a division of the New York University-Langone Medical Center. Dr. Shea is also President of Neuropsychological Evaluation and Treatment Services, P.C. with offices in New York City and Quincy, Massachusetts. His practice focuses on tick-borne diseases, traumatic brain injury, chronic illness and trauma and provides cognitive remediation and psychotherapy to individuals and families. He is Chairman Emeritus of the National Research Fund for Tick-borne Diseases, Inc. which funds scientific research at major medical and academic institutions. He also serves on the Scientific and Community Advisory Board for the study of Lyme disease at Stanford University Medical Center. www.LeoShea.com.



Samuel Shor, MD, FACP; Associate Clinical Professor, George Washington University Health Care Sciences has been elected four times by his peers as a Washingtonian TOP DOCTOR. Dr. Shor developed his long standing interest in chronic fatigue in the late 1980s. He subsequently developed an interest in managing associated conditions such as fibromyalgia and ultimately led to his interest in Lyme disease. Dr. Shor presented a congressional briefing regarding Lyme disease on Capitol Hill September 24, 2008. He was twice interviewed on the nationally syndicated Diane Rehm Show, April 20, 2009 and February 29, 2012. In addition, Dr. Shor participated in the 2010 Virginia Governor's Task Force on Lyme. He continues to be actively involved in patient care while pursuing his interest in clinical research. Publishing as recently as April, 2011 in the peer reviewed literature, he presented original research on a possible connection between seronegative Lyme disease and Chronic Fatigue Syndrome. In the summer of 2011, Dr. Shor opened up a hyperbaric oxygen therapy clinic for which he has provided additional options for his Lyme and other patients. Early 2012, Dr Shor was selected to chair, the Loudoun County Lyme Commission in Northern Virginia.



Sheila M. Statlender, PhD, is a clinical psychologist in private practice in Newton, Massachusetts. Dr. Statlender earned both her Master's degree and her doctorate at the University of Massachusetts/Amherst. She is a member of the American Psychological Association (APA), the Massachusetts Psychological Association (MPA) and the National Register of Health Providers in Psychology. Dr. Statlender has expertise regarding the impact of chronic illness, and provides supportive counseling to a number of patients diagnosed with Lyme disease and their families.



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ILADS would like to extend its gratitude to the following organizations who have sponsored the 2013 ILADS San Diego Lyme Disease Conference and the Gala Awards Dinner.

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Email: service@infectolab.de

Website: www.infectolab.de



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Website: www.rxandhealth.com



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Website: www.master-supplements.com

Email: scbragan@matersupplementsinc.com



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Lyme Disease Association

Phone: 888-366-6611

Email: LDA@LymeDiseaseAssociation.org

Website: www.lymediseaseassociation.org



Lyme Disease United Coalition

Phone: 800-311-7518

Email: lymeinfo@lduc.org

Website: www.lduc.org

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LOCATION:

501 Elmwood Avenue

Sharon Hill, PA 19079

Phone: 855-238-4949

Website: www.advanced-lab.com

ADVANCED LABORATORY SERVICES COMPANY DESCRIPTION:

Advanced Laboratory Services, Inc. is a state of the art medical laboratory testing company that is committed to developing and releasing new cutting-edge lab tests to aid clinical diagnosis and treatment. With both clinical and research divisions, our current testing menu includes our exclusive Spirochete/Borrelia Culture test, Epidermal Nerve Fiber Density Study (ENFD), toxicology panels, and core lab testing. As a boutique lab service, we specialize in developing custom panels for Integrative, Functional, and Concierge Medicine physicians. Our comprehensive laboratory testing facility was established to fulfill the needs of physicians, clinics, and their patients, and provide private and confidential testing throughout the United States. We pride ourselves on personalized service and providing accurate, reliable lab results in a timely fashion. We are staffed by the most qualified employees and we utilize the most advanced testing equipment and methods. Our streamlined service is possible because we make every effort to ensure consistent quality throughout our system, high standards for personnel, the latest instrumentation, updated methodology, in-service education, as well as one of the most thorough quality control and continuous quality improvement programs in the industry. Advanced Laboratory Services is CLIA certified and COLA accredited. Not licensed in NY.



LOCATION:

74 Accord Park Drive

Norwell, MA 02061

United States

Phone: 800-225-5404

Website: www.foodallergy.com

Email: alletess@foodallergy.com

ALLETES MEDICAL LABORATORY COMPANY DESCRIPTION:

Alletess Medical Laboratory is a CLIA certified laboratory that has been servicing practitioners worldwide for 30 years. Alletess provides in-vitro testing for food allergies and sensitivities, molds, yeast overgrowth and other tests to assess the immune system. Customized Wellness Programs are developed from individual patient test results and staff nutritionists are available to your patients for complimentary consultation. At Alletess Medical Laboratory, our mission is to provide high quality laboratory testing and services to our clients in a professional and timely manner. We welcome you to visit our website www.foodallergy.com. Please stop by our booth to learn more about what Alletess can offer your practice and your patients.



BCA-clinic

Center for Tick-borne Diseases

LOCATION:

Morellstr. 33

86159 Augsburg, Germany

Phone: +49 (0)821-455 471-0

Fax: +49 (0)821-455 471-5

Email: service@borreliosecentrum.de

Website: www.borreliosecentrum.de

BCA-CLINIC COMPANY DESCRIPTION:

Diagnostic – Allopathic & Integrative Treatment – Physical Medicine & Rehabilitation

Our aim is to optimize the therapy of patients, who suffer from Lyme Disease and other associated Tickborne Diseases, with allopathic and integrative treatment measures. Our experience has shown that a targeted, intensive, multimodal treatment can increase the chances of recovery significantly and shorten the duration of the therapy. Besides antibiotics and natural remedies selected supporting therapies can help:

- significantly increase tolerability and effectiveness of antibiotics
- strengthen the immune system (integrative)
- give pain relief, even for chronic pain
- decrease the production of proinflammatory cytokines and regulate the Th1/Th2-system
- supporting organ functions, including liver and kidneys, and flush out toxins
- improve the body physique



LOCATION:

321 Blodgett Street, Suite B

Cotati, CA 94931

Phone: (800)203-3775

Website: www.bioresourceinc.com

Email: bioresource@bioresourceinc.com

BIORESOURCE INC. COMPANY DESCRIPTION:

BioResource Inc. of Cotati, California serves as the exclusive U.S. distributor for three powerful lines of German-made biological medicines: the unique PEKANA homeopathic-spagyric medications for drainage, detoxification and regeneration; SanPharma immune-metabolic remedies, which have been scientifically proven to activate natural killer (NK) cells without causing inflammatory reactions; and the sophisticated, research- supported Syntrion fungal-based homeopathics that provide cellular re-programming therapy in tablet, lotion and spray form. All three remedy lines are FDA-listed and produced at GMP facilities in Europe. In 2012, BioResource added the Beyond Balance herbal extracts used in tick-borne disease case management, and for detoxification. In addition, BioResource offers three high quality, all-natural Eira (pronounced EAR-ruh) Functional Skin Care products (Regenerating, Sensitive, and Anti-Fatigue) from Syntrion that help reduce fine lines and wrinkles, and rejuvenate puffy, tired-looking skin.

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Email: byronwhiteformulas@gmail.com

BYRON WHITE FORMULAS COMPANY DESCRIPTION:

Lyme Disease and Chronic Illness - What is your formula for success?

The Byron White Formulas were created in response to the need for more effective patient care modalities. We provide the same high quality herbal formulas that were created and used successfully by Naturopathic Practitioner Byron White and other practitioners for over 30 years. All 32 formulas are based on his extensive clinical experience and research in herbology, bio-energetics and chronic illness. Today, hundreds of practitioners are successfully utilizing the Byron White Formulas with their patients that have Lyme disease, viral, fungal and other chronic issues. Each formula is handcrafted to ensure product quality and care. Only high quality, Organic, Wild Crafted herbs and Organic Grape Alcohol are used in each formula. The formulas are extracted for a period of 30 days, utilizing a proprietary 7 step process and produced with a high 1:1 ratio – 1 part herb to 1 part organic grape alcohol, making our formulas the most potent formulations available. Providing Medical Practitioner Formulas Focusing On: Immune Microbial Support, Detoxification and Total Body Support.



LOCATION:

3755 Illinois Avenue
St. Charles, IL 60174-2420, United States

Phone: (800)323-2784

Website: www.doctorsdata.com

DOCTOR'S DATA, INC. COMPANY DESCRIPTION:

Doctor's Data, Inc., (DDI) an independent clinical laboratory with over 40 years' experience, provides specialty laboratory testing and services for healthcare practitioners worldwide. A specialist and pioneer in essential and toxic elemental testing of multiple human tissues, the laboratory offers a wide array of functional testing. DDI's tests are utilized in the assessment, detection, prevention, and treatment of heavy metal burden, nutritional deficiencies, gastrointestinal function, cardiovascular risk, metabolic abnormalities, and diseases of environmental origin. DDI is a licensed CLIA laboratory with appropriate state certifications and participates in numerous quality assurance/proficiency testing programs including the College of American Pathology, New York State DOH and Le Centre de Toxicologie du Quebec.

Centrum für Vitalität und Prävention



LOCATION:

Morellstr. 33

86159 Augsburg, Germany

Phone: +49 (0)821-455 471-20

Email: service@fitforaging.de

Website: www.fitforaging.de

CENTRUM FÜR VITALITÄT UND PRÄVENTION COMPANY DESCRIPTION:

The Centrum für Vitalität und Prävention is a co-operation partner of the BCA clinic. Due to their daily work with Lyme disease patients (training and nutritional counseling) they gained a lot of experience in the needs of the patients before, during and after the therapy. They offer a wide range of nutrition supplements that can help to increase the effectiveness of antibiotics, reduce inflammatory processes in the body, strengthen the immune system and compensate possible side effects of antibiotics. Shortly after the ILADS conference in Klagenfurt / Austria in 2012, they introduced their herbal "Augsburg PLUS Protocol", consisting the "TBB PLUS" (therapy), the "APP PLUS" (therapy), the "DTC PLUS" (detoxification) and the "Phyto antiox" (immune system). First tests in independent laboratories already confirmed the positive effect of the products!! A big scientific study, to verify these first results, is going to follow within the next months! Together with the BCA clinic in Augsburg they developed a therapy plan for the "Augsburg PLUS Protocol" which is now very successfully used by doctors and clinics in Germany, Norway, Romania, Austria and Czech Republic! To extend the distributor network, they are now looking for distributors especially in the USA!



LOCATION:

15720 Greenway-Hayden Loop, Ste. 3

Scottsdale, AZ 85260

Phone: 480-292-8560

Email: info@frylabs.com

Website: www.frylabs.com

FRY LABORATORIES, L.L.C COMPANY DESCRIPTION:

Fry Laboratories, L.L.C. is an independent clinical diagnostic and research laboratory located in Scottsdale, Arizona. We are committed to understanding chronic diseases and contributing to their cure through advancements in diagnostics and basic science research with emphasis on chronic inflammatory diseases, vector-borne diseases, and their intersection. Our clinical diagnostic laboratory offers general and targeted immunology services in conjunction with standard and cutting edge infectious disease detection and identification technologies. Our signature services include pan-bacterial metagenomic identification by our RIDI™ (Rapid Infectious Disease Identification) DNA sequencing system, microscopy for visual identification and quantification of a wide range of blood-borne pathogens, co-infection serology, biofilm detection, and genus-wide molecular detection technology. We participate in both CAP and API quality control programs and provide worldwide testing service.

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LOCATION:

Georg-Büchner-Str. 62
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Phone: +49-211-253186

Fax: +49-211-208022

E-Mail: info@biophoton.de

Website: www.buschkuehlgbh.com

H. BUSCHKUHL GMBH COMPANY DESCRIPTION:

HB is a manufacturer and distributor of the full-body photon therapy system Bionic 880. The Bionic 880 stimulates cells and harmonizes hormones such as endorphins, cortisol, melatonin, serotonin and DHEA. For eight years, the company has offered a successful treatment plan for Lyme / Lyme and co-infections with no side effects. In 2012 H. Buschkuhl GmbH was proud to partner with ILADS conferences to support patients with Lyme disease and co-infections. The company receives two awards "Best of 2013" by German industry for its innovated Therapy system 2013 and its protocol to treat Lyme disease. For information, please contact: info@biophoton.de



LOCATION:

795/797 San Antonio Rd
Palo Alto, CA 94303, United States

Phone: 800.832.3200

Email: customerservice@igenex.com

Website: www.IGeneX.com

IGENEX, INC. COMPANY DESCRIPTION:

IGeneX, Inc. is a specialty immunology laboratory and research facility, providing personalized service to over 1,000 private practice physicians, hospitals, and other clinical reference laboratories worldwide. The laboratory specializes in Lyme Disease and Associated Tick-Borne Diseases.



LOCATION:

52 Main St.
Hopkinton, MA 01748
Phone: 800-439-4441

Email: hopkintondrug@rxandhealth.com

Website: www.rxandhealth.com

HOPKINTON DRUG COMPANY DESCRIPTION:

Hopkinton Drug is a compounding pharmacy offering sterile and non-sterile preparations. In our state of the art compounding lab, we create hundreds of different medications to meet our human and animal patient's specific needs. Hopkinton Drug works with physicians nationwide. One of our specializations is working with practitioners who diagnose and treat bio-toxin illnesses such as Lyme disease and mold illness. We compound many medications effective in the support of patients with these conditions. These medications include VIP, BEG Spray and Cholestyramine. In addition, we prepare herbals such as Mimosa Pudica and Liposomal Artemisinin in capsules for enhanced compliance. Since 1954 we have been a multi-faceted company dedicated to providing clients with an array of healthcare options. If you would like to know more about these medications or any others in our extensive formulary, please contact us.



LOCATION:

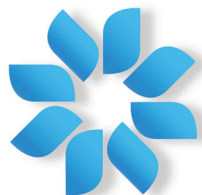
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Phone: (0049) 821 4550740
Email: service@infectolab.de
Website: www.infectolab.de

INFECTOLAB COMPANY DESCRIPTION:

Infectolab offers worldwide special diagnostic tests for bacterial and viral tick and vector borne diseases, especially for Borrelia, Chlamydia and Mycoplasma. Infectolab is highly specialized in modern T-cellular activity tests like Elispot Lymphocyte Transformation Test (Elispot-LTT) for Borrelia, Chlamydia pneumoniae, Chlamydia trachomatis, Ehrlichia, Yersinia, EBV and many others. Infectolab offers flow cytometry for CD57-cells, Borrelia immunoblot inclusive VlsE, Yersinia IgA/IgA-immunoblot and IgA-, IgG- and IgM-ELISA for Chlamydia, Mycoplasma and all coinfections or opportunistic infections. In the field of laboratory diagnostics of tick-borne diseases, we are guided by the current guidelines of the ILADS (International Lyme and Associated Diseases Society, USA - www.ilads.org) and the guidelines of the German Borreliosis Society.

Specializing in the diagnosis of Lyme and tick-borne diseases

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Phone: 216 321 4300

Fax: 216 321 4303

Website: www.LeeSilsby.com
www.OurkidsASD.com

LEE SILSBY COMPOUNDING PHARMACY COMPANY DESCRIPTION:

Lee Silsby Compounding Pharmacy is one of the largest and most innovative compounding pharmacies in the U.S. In addition to compounding Methylcobalamin, Hydroxocobalamin, Glutathione, Ketoprofen transdermal gel and hundreds of other medications, Lee Silsby has also developed Enhansa, a bioavailable Curcumin supplement that is being successfully used by Lyme specialists to reduce inflammation and pain. Our medications are covered by many insurance plans and new customers can get \$20 off their first compounded prescription medication by mentioning the code LS20.



lymedisease.org

LOCATION:

PO Box 1352
Chico, CA 95927, United States
Phone: 530-574-8123

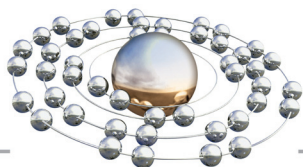
Website: www.lymedisease.org

Email: contact@lymedisease.org

LYMEDISEASE.ORG COMPANY DESCRIPTION:

LymeDisease.org advocates nationally for people with tick-borne diseases, educates the public, and helps fund medical research. We publish a quarterly journal, The Lyme Times, have an educational website, and disseminate Lyme disease information via email newsletters, Facebook and Twitter. We connect and educate the patient community through networking, online support groups, and patient conferences. We take the pulse of the Lyme community through patient surveys. We offer educational grants to medical professionals, help train doctors, and publish regularly in peer-reviewed medical and health policy publications.

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Natural Immunogenics Corp. is the manufacturer of Argentyn 23®, a proprietary product line formulated exclusively for medical professionals. Since 2001, physicians have relied on our Uniform Picoscalar Oligodynamic Silver Hydrosol™ (UPOSH) composed of only 99.999% pure silver and pharmaceutical-grade purified water, for the health and well-being of their patients. In 2008, we introduced the world's first homeopathic silver First Aid Gel, for the treatment of burns, cuts, skin eruptions, scrapes, acne and so much more. Our products are documented and proven to be completely non-toxic and Natural Immunogenics Corp. is NSF Certified.



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Email: scbragan@mastersupplementsinc.com

MASTER SUPPLEMENTS COMPANY DESCRIPTION:

Master Supplements, Inc. was started in 2003 by Randolph S. Porubcan, MSc. Randy is the developer of 5 products: **Theralac®** is an ultra potent probiotic with a patented acid proof delivery system. Formulated at over 40 billion CFU our guarantee is 30 billion CFU at expiration. One bottle will last 10 weeks on our standard dose program. **Children's Theralac®** is Theralac in granular, powdered form. It is perfect for children, or ANYONE who is not able to swallow capsules. Simply fold a serving into a soft food like applesauce or plain yogurt, wait a few moments, and then feed it to your child (or adult). **TruFlora®** combines powerful probiotic strains and fiber-digesting enzymes in a formulation that can be used alone or ROTATED with other probiotics to enhance overall probiotic effectiveness. **Enzalase®** is a high lipase digestive enzyme with 11 other enzymes in a patented formula designed to help with digestion and to release soluble fiber from the diet to support probiotics. **TruFiber®** is a true regulating soluble fiber product that dissolves clear with no taste and no thickening in water. Two prebiotic bio-active soluble fibers and 4 fiber digesting enzymes stimulate probiotics and are clinically proven to improve regularity.

CONFERENCE | EXHIBITORS



NeuroScience™
Assess & Address

LOCATION:

373 280th Street
Osceola, WI 54020, United States

Phone: 888-342-7272

Website: www.neuroscienceinc.com

Email: customerservice@neuorelief.com

NEUROSCIENCE, INC. COMPANY DESCRIPTION:

NeuroScience is committed to personalized health care solutions. We provide sophisticated neurologic, immune and hormone laboratory testing, as well as proprietary nutraceuticals that target identified imbalances. We bring everything together for the practitioner with our "assess & address" approach.



LOCATION:

2885 Jupiter Park Drive, Suite 1600
Jupiter, Florida 33458 USA

Phone: 1-561-745-2917

Email: info@nutramedix.com

Website: www.nutramedix.com

NUTRAMEDIX COMPANY DESCRIPTION:

Nutramedix, with offices in Florida and Ireland, has supplied natural products to health care professionals since 1993. Our expanding line of liquid products is manufactured utilizing a proprietary extraction and enhancement process that provides highly bio-available, full spectrum extracts- some of which are Samento, Banderol, Cumanda, Quina, Burbur, Pinella, and Amantilla. We also offer several products in capsule form including Magnesium Malate, Zeolite, Serrapeptase, Maca and Samento. In 2006, we launched the Cowden Support Program, a 6-month protocol developed by Wm. Lee Cowden, MD, an affordable and effective protocol that has been used by thousands of patients. At the ILADS conference, Nutramedix will offer a special discount on the Cowden Support Program (CSP) to all practitioners visiting our booth. Each practitioner will have the opportunity to purchase up to 5 sets (up to 9 months each) of the Cowden Support Program at \$100 USD per month. Receive your special conference only discount pricing and order form for this CSP offer and all Nutramedix products when you visit the Nutramedix booth. This offer expires October 31st, 2014.



LOCATION:

630 N Wymore Rd Suite 370
Maitland, FL 32751, United States
Phone: 888.273.9820
Email: info@qmedrx.com
Website: www.qmedrx.com

QMEDRX COMPANY DESCRIPTION:

Established in 1990, QmedRx is an ACHC accredited compounding pharmacy that services physicians and patients nationwide. QmedRx specializes in Lyme therapies, sinus care, and other infusion needs. QmedRx also recognizes the transdermal trend of therapies and offers transdermal relief for pain, scar, and wound care among its specialties. In network with over 1500 insurance plans, QmedRx is dedicated to serving personalized medications to our patients safely and efficiently, while collaborating with physicians to improve therapy outcomes by integrating the highest standards of home health care and pharmacy technology. **Physician Directed. Patient Specific.**



LOCATION:

PO Box 224
Los Olivos, CA 93441, USA
Phone: (805)693-1802
Website: www.researchednutritionals.com
Email: CustomerService@ResearchedNutritionals.com

RESEARCHED NUTRITIONALS COMPANY DESCRIPTION:

Physician-only line of specialty supplements focusing on immune support and mitochondrial repair. Our products include clinically studied and proven: **Mitochondrial Formulations** - ATP Fuel® & NT Factor Energy™ to repair membranes and increase Krebs Cycle ATP production. New ATP Fuel® research presented at ILADS in Toronto showed 31% fatigue reduction and 30% cognitive function improvement with use of ATP Fuel®. **CoQ10 Power™** - 400mg/softgel - highest quality Japanese material for optimal absorption. **Immune Support** - Transfer Factor Multi-Immune™ - potent immune support supplement clinically shown to increase NK cell function by up to 620%. **Artemisinin SOD™** - targeted immune support while also promoting healthy SOD and inflammation levels. **Tri-Fortify™** - Orange (450mg Liposomal Glutathione + 50mg Liposomal Vitamin C Oral Gel) - a new glutathione delivery system with both nutrients carefully encased within the protective liposomes. Efficacious liposomal glutathione and vitamin C in a very pleasant tasting natural orange gel. No need to mix with juice. Just squeeze onto a teaspoon and enjoy. **Prescript-Assist Pro™** - clinically researched probiotic with published research in the areas of IBS and Colitis. As a soil-based probiotic, it contains no antibiotic or hormone residues, there is no potential for lactose-intolerance side-effects, and does not need to be refrigerated. **Boluoke® lumbrokinase** - to promote healthy coagulation with Phase 1-3 Studies.

CONFERENCE | EXHIBITORS



LOCATION:

4100 Fairway Dr. Suite 600
Carrollton, TX 75010
United States

Phone: 972-243-7754

Website: www.realtimelab.com

REALTIME LABORATORIES, INC. COMPANY DESCRIPTION:

RealTime Laboratories, Inc., is a CAP/CLIA accredited and certified laboratory licensed and dedicated to testing in mycology, immunology, molecular biology, and immunology. Tests are conducted to look for mycotoxins in urine, tissues, and nasal secretions. RTL staff is dedicated to help medical care givers in the testing and evaluation of chronically ill patients. Tests include mycotoxin evaluation, IgE and IgG antibodies to specific molds, mold DNA testing, inhalants, and foods. Glutathione levels and genetic evaluation for the presence of snps of glutathione transferase factor can also be conducted.

SPIRO STAT
TECHNOLOGIES, L.P.



LOCATION:

1004 Garfield Dr.
Lubbock, Texas 79416, United States

Phone: 877-767-7476

Email: info@spirostat.com

Website: www.spirostat.com

SPIRO STAT TECHNOLOGIES COMPANY DESCRIPTION:

Spiro Stat Technologies, L.P., dba KS3 Labs provides testing services using modern molecular diagnostics to health care practitioners, enabling them to better identify the presence of organisms within the phylum of bacteria called Spirochetes, and other pathogenic organisms commonly transferred through the bite of various insects.

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SAVE THE DATES

Annual Conferences 2014

UPCOMING

ILADS 2014 CONFERENCES

SAVE THE DATE

For innovative conferences worldwide.

Learn about current Lyme disease research and treatment techniques.



Lyme Basics

Location: Hershey PA

Date: April 11-12, 2014



European Conference

Location: Augsburg, Germany

Date: April 25-26, 2014



Lyme Basics

Location: Washington DC Grand Hyatt

Date: October 9, 2014

Annual Meeting

Location: Washington DC Grand Hyatt

Date: October 10-12, 2014