

# Richard I. Horowitz, Physician, PLLC

Diplomate, American Board of Internal Medicine
Medical director, Hudson Valley Healing Arts Center, Hyde Park, N.Y.
Member, NYS DOH Tick-borne Disease Working Group 2021-2024
Member, HHS Tick-borne Disease Working Group 2017-2019
Co-chair, HHS subcommittee, Other Tick-borne diseases and Co-infections 2017-2019
Member, HHS Babesia and Tick-borne Viruses Subcommittee 2019
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# RICHARD I. HOROWITZ, M.D. PLLC

Diplomate, American Board of Internal Medicine 4232 Albany Post Road Hyde Park, New York 12538 (845)-229-8977

#### **Curriculum Vitae**

#### Education:

Free University of Brussels Medical School, Brussels, Belgium

Doctor of Medicine, Graduated with Grand Honors, 1984

Bilingual, French and English

Northwestern University, Evanston, Illinois, Bachelor of Arts, Biology, Graduated with Departmental Honors in Biology, 1977

#### Post Graduate Training:

Mount Sinai City Hospital at Elmhurst, New York, New York, Internship and Residency in Internal Medicine, 1984-1987

#### Certifications:

American Board of Internal Medicine, 1987

New York State Flex, 1986; ECFMG, 1983

#### Associations:

Member, NY State DOH Tick-borne Disease Working Group 2021-2024

Member, HHS Tick-Borne Disease Working Group, Department of Health and Human Services 2017-2019

Co-Chair, Subcommittee on Other Tick-Borne Diseases and Co-Infections, TBDWG, Department of Health and Human Services (HHS) 2017-2019

Member, HHS Babesia and Tick-borne Pathogens subcommittee, 2019-2020

Member, Advisory Panel, Lyme disease Educational Initiative, at Harvard Medical School 2021-2024

President NYEMA foundation (Nangchen/Yushu Educational Medical Foundation), 501 c3 non-Profit for Tibet, 2010-2016

Board of Advisors Xymogen 2010-2018

Scientific Advisory Board, Bay Area Lyme Foundation

Scientific Advisory Board, LivLyme Foundation

ILADS: President-elect, International Lyme and Associated Diseases Society (ILADS) 2003-2007

Vice President, International Lyme and Associated Diseases Society (ILADS) 2007-2008-2010

President, International Lyme and Associated Diseases Educational Foundation (ILADEF),

2009-2010

Associate Member, Sigma Xi, The Scientific Research Honor Society 2024

# Professional /Research Experience:

Private practice, Internal Medicine, June 1988 – present

Co-founder Lyme Navigator LLC, development of an app for treatment of Lyme disease, 2014

Co-founder Be Well, LLC, development of an app for prevention/health, 2016

Founding and establishment of the Hudson Valley Healing Arts Center, Inc. for Integrative Health Care, including comprehensive treatment for Lyme disease and related tick-borne illnesses, June 1997

Clinical research and literature studies in the diagnosis and treatment of Lyme & related Tick-Borne Disease, 1992 – present Vassar Brothers Hospital, Poughkeepsie, NY, Staff physician, Department of Emergency Medicine, 1987 – 1988 Vassar Brothers Hospital, Poughkeepsie, NY, Attending Physician, 1987- 2001 & Assistant Director of Medicine, 1993 – 2000

Saint Francis Hospital, Poughkeepsie, New York: Attending Physician; 1987-2001, Medical Quality Assurance Committee, Chair 2000

Adjunct faculty, Manchester Hospital residency training program, 2015 Editor, medical journal Scientific Archives, 2019

Licensure: NY, CT, NJ, VA, FL, KY

# Consulting Experience:

#### Chinese government:

-Chinese CDC/ Ministry of Health, Beijing/Shanghai China 2011. Overview of Lyme Disease and Babesiosis. Special invitation from the Chinese government to present to top Government officials, Chinese CDC and the National Academy of Sciences on the difficulties of diagnosis and treatment of expanding tick-borne disorders

# French government:

-Presentation on Lyme disease to the office of the Ministre de la Sante, Paris. September 2013. Private meeting with government officials on tick-borne diseases in France regarding epidemiology, testing and treatment of Lyme disease and associated tick-borne co-infections

# Belgian government:

- -Presentation to the Belgium Senate in April 2014 by invitation of Belgian Senator Nele Lijnen regarding the world-wide epidemic of Lyme Disease and the MSIDS map
- -Presentation to the Belgian Parliament in September 2015 on Lyme disease, co-infections, and the MSIDS map in the diagnosis and treatment of chronic disease

# **UK** government:

-Discussion with Tim Brooks and UK Health Department, January 2016, regarding the creation of new guidelines for the diagnosis and treatment of Lyme disease and tick-borne disorders

**Dutch government**: One day workshop with the Dutch CDC and European Healthcare Providers on the use of the MSIDS model in the Diagnosis and Treatment of Lyme and Associated Diseases

#### Australian government:

-Testimony before the Australian Senate on Lyme and tick-borne diseases, November 2016, November 2018. Discussed issues with diagnosis, testing, and using the MSIDS model in chronic resistant illness with international collaboration

#### **US** government:

- -Member, Federal HHS Tick-Borne Disease Working Group, December 2017-January 2019; Co-chair Other Tick-borne Diseases and Co-infections, HHS TBDWG, January 2019
- -Member, HHS Babesia and Other Tick-borne Viruses subcommittee, 2019-2020
- -Presenter: Congressional Hearing on Lyme disease, Vermont House and Senate, April 2013. Lyme disease and MSIDS: Diagnosis and Treatment of Tick-Borne disorders
- -Presenter: Congressional Public Forum on Lyme disease, May 2012. Senator Chris Gibson, Saratoga Springs, N.Y. Lyme disease and MSIDS: A New paradigm in treating chronic illness

-Presenter: Congressional Public Forum with Congresswoman Elise Stefanik and Congressman Chris Gibson. SUNY Adiron-dack, August 8th, 2015. Lyme disease, Co-Infections & the 16 Point MSIDS Model: Solutions for Diagnosing and Treating Chronic Illness

-Presenter: Congressional Hearing on Lyme disease, Rhode Island 2004. Lyme disease and co-infections: Diagnostic and Therapeutic Challenges.

Member, Ad Hoc Committee For Health Equity in ICD 11 Borreliosis Codes, 2016-2018 Member, NYS DOH Tick-borne Disease Working Group, 2021-2024

#### Presentations:

Presenter, IMMH, San Diego, CA, September 11, 2025: Multiple Inflammatory Triggers, Polymicrobial Infections, Biofilm & 'Persister' Drug Therapy in Chronic Lyme Disease/PTLDS: The New Frontier in Mental Health Management?

Presenter, LivLyme Annual Scientific Conference, Denver, CO, May 3<sup>rd</sup>, 2025: Multiple Systemic Infectious Disease Syndrome (MSIDS): How To Use the MSIDS Map in Diagnosing & Treating Chronic LD/PTLDS & Co-infections

Presenter, Univ of Binghamton Lyme Conference, May 3<sup>rd</sup>, 2025: Multiple Systemic Infectious Disease Syndrome (MSIDS): How To Use the MSIDS Map & Dapsone Combination Tx in Diagnosing & Treating Chronic LD/PTLDS & Co-infections

Presenter, ILADS 25<sup>th</sup> Scientific Conference, San Antonio, Texas, Nov 7<sup>th</sup>, 2024: Multiple Inflammatory Triggers, Polymicrobial Infections, Biofilm & 'Persister' Drug Therapy in Chronic Lyme Disease/PTLDS: The New Frontier in Chronic Disease Management?

<u>Presenter, LymeBytes Symposium, Mystic CT, October 26<sup>th</sup>, 2024</u>: Efficacy of Pulsing Persister Drug Protocols and Treating MSIDS abnormalities in the Treatment of CLD/PTLDS

<u>Presenter, North Carolina Integrative Medical Society, June 13-15<sup>th</sup>, 2024</u>, 3 day presentation on chronic Lyme and associated co-infections, Diagnostic and Treatment options

<u>Presenter, Neil Nathan, MD - An In-Depth Exploration of Chronic Illness, Mar 23, 2024</u>:The Role of MSIDS Variables, Pulsing, Persisters & Biofilms in the Diagnosis & Treatment of Chronic Lyme Disease & Associated Co-infections

<u>Presenter, Lyme Italia, Webinar on Chronic LD/PTLDS and the role of biofilms,</u> The role of Dapsone Combination Therapy in the Treatment of CLD/PTLDS and associated co-infections, including Bartonella: February 2, 2024

<u>Presenter, Functional Medicine University, October 24<sup>th</sup>, 2023</u>: MSIDS Variabels in the Diagnosis and Treatment of CLD and Associated Co-infections

<u>Presenter, ILADS International Lyme conference, Boston, MA, Oct 19, 2023</u>: The role of Pulsed High Dose Dapsone Combination Therapy in the Treatment of Chronic Lyme Disease and Associated Co-infections Including Bartonella.

<u>Presenter, HVHAC Annual Lyme and Tickborne disease Weekend Training Course, August 11-13, 2023.</u> Three-day weekend workshop with Dr. Neil Nathan, Dr. Tania Dempsey, Dr Debbie Hamilton, Dr Joseph Burrascano, Ashok Gupta <u>Presenter, LymeFrance, May 2023</u>: High Dose Dapsone Combination Therapy in the Treatment of CLD and Associated Coinfections (presentation done in French)

<u>Presenter, LivLyme Foundation, High Dose Dapsone Combination Therapy in the Treatment of CLD and Associated Co-infections, March 4<sup>th</sup>, 2023</u>

<u>Presenter, Xymogen New Frontiers conference, the Infectious Disease and Autoimmune Summit, December 4<sup>th</sup>, 2022: Keynote speaker: The Cause and Effect of Climate Change, Lyme Disease, and TBDs: Solutions Downloaded</u>

<u>Presenter, CASI conference Orlando, Fla. Oct 21, 2022</u> Keynote speaker: Lyme & Stealth Infections: Current State of Diagnosis and Treatment

<u>Presenter, Vibrant America Longevity conference</u>, October 1, 2022, Bell works, New Jersey. Overview of Lyme and associated tickborne diseases

<u>Presenter, HVHAC Annual Lyme and Tickborne disease Weekend Training Course, August 12-14, 2022.</u> Three-day weekend workshop with Dr. Neil Nathan and Dr. Tania Dempsey

<u>Presenter, Lourdes Hospital. July 28<sup>th</sup>, 2022</u> Updates on the Diagnosis and Treatment of Lyme and Associated Tickborne Diseases

<u>Presenter, Dutchess County Tick Educational Event, July 19, 2022</u>. Novel Persister Drug Regimens in the Treatment of Chronic Lyme Disease/PTLDS

<u>Presenter</u>, 5<sup>Th</sup> Annual Functional Medicine Symposium with Dr Yuseef Saleeby. June 2022 Updates in the Diagnosis of Lyme and tickborne disorders

Presenter, Canadian Lyme Foundation, May 12, 2022: Future of Lyme, TBD's & Global Health Challenges

<u>Presenter, LivLyme Foundation Conference, May 10, 2022</u>: Acute and Chronic Lyme/Acute and Long Covid:Similarities, Differences, Emerging TreatmentOptions

<u>Presenter, IHS conference NYC, February 2022 with Dr Andrew Weil:</u> Long-haul Covid and Lyme disease: Emerging Treatment options

Presenter, HVHAC Zoom Lyme Training, Aug 2021: Three Day Conference on Lyme, Co-inf's and Chronic Disease

Presenter, Andrew Weil Integrative Medicine conference, Univ of Az, May 2021: Lyme and TBD's/COVID: Emerging diagnostic and treatment options

Presenter, Mt Sinai Lyme Mind Conference, October 10, 2020: COVID\_and Lyme; Novel Treatment Regimens in LD Presenter, ILADS Zoom Intl Lyme Conference, September 10-13, 2020, The Intersection of Lyme and COVID. Two presentations on Lyme and COVID, Diagnosis, Treatment Options, and Lyme and Pregnancy, Case and Literature review Presenter, HVHAC Zoom Lyme Training, May 29-31, 2020: Three Day Conference on Lyme, Co-inf's and Chronic Disease Presenter, EHS, April 2020: Zoom conference, Role of Tick-borne disorders and Environmental toxins in Chronic Disease. Presenter, November 3, 2019: Diagnostic and Treatment Parameters For Chronic Lyme Disease/PTLDS & Co-infections,

<u>Presenter, October 19<sup>th</sup>, 2019</u>: In Vitro Culture Results of Dapsone Combination Therapy in the Treatment of Lyme disease LymeMind conference, Mt. Sinai, NYC

Presenter, June 20th, 2019: Speaker, Lyme Community Event, Flint Theatre, Amersfoort, NL.

ILADS Annual Scientific Conference, Nov 3, 2019

<u>Presenter, June 19<sup>th</sup>, 2019</u>: One day workshop for European Healthcare Providers and the Dutch CDC on the Diagnosis and Treatment of Tick-Borne Diseases and MSIDS. De Nieuwe Liefde at Da Costakade, Amsterdam, NL.

<u>Presenter, June 7-9<sup>th</sup>, 2019:</u> Three-day Weekend Workshop for Healthcare Providers on the Diagnosis and Treatment of Tick-Borne Diseases and MSIDS. Hudson Valley Healing Arts Center, Hyde Park, NY

<u>Presenter, May 29<sup>th</sup>, 2019</u>: Updates in the Diagnosis and Treatment of Lyme and Tick-borne Disease. Congressional Town Meeting, Congressman Chris Smith, Wall Township Municipal Building, NJ

<u>Presenter, May 4<sup>th</sup>, 2019</u>: ISEAI Conference, Carefree, Arizona: The Role of the 16 Point MSIDS Model in Chronic Disease <u>Presenter, April 7, 2019</u>: Nat Cap Lyme Annual Lyme Seminar at Sibley Hospital, Johns Hopkins University: Precision Medicine: The role of dapsone/persister drugs and the MSIDS model in defining, diagnosing and treating chronic Lyme disease/PTLDS

<u>Presenter</u>, March 24, 2019: Xymogen Autoimmune Summit: Precision Medicine: Retrospective Chart Review & Data Analysis of 200 Patients on Dapsone Combination Therapy for CLD/PTLDS

<u>Presenter</u>, March 15/16, 2019: Focus on Lyme Conference, Scottsdale AZ. Precision Medicine: Retrospective Review of 200 Patients on Dapsone Combination Therapy for the Treatment of Chronic Lyme disease/PTLDS; Defining, Diagnosing and Treating Chronic Lyme Disease/PTLDS

<u>Presenter</u>, November 3<sup>rd</sup>, 2018: ILADS Lyme Conference, Chicago, Illinois. Data Mining results and the Use of Dapsone Combination Therapy and the MSIDS model in Chronic Disease

<u>Presenter</u>, October 3<sup>rd</sup>, 2018: NY Academy of Medicine, Mt Sinai LymeMind Conference: State of Medicine Keynote Address on Shifting the Paradigm for Chronic Disease

<u>Presenter</u>, October 2<sup>nd</sup>, 2018: NY Academy of Sciences, Mt Sinai LymeMind Conference: Defining Chronic Lyme disease:

Data Mining Results in 200 Patients on Dapsone Combination Therapy

<u>Presenter</u>, September 2018: LivLyme Immunology Summit, Westminister, Colorado: Data Mining Results and Immunological Consequences of Tick-borne Diseases in 200 Patients on Dapsone Combination Therapy

<u>Presenter</u>, June 2018: Italian Lyme Association, Milan, Italy: Keynote speaker, Co-infections and the MSIDS model in Chronic Disease

<u>Presenter</u>, May 2018: Keynote speaker, University of Binghamton Southern Tier Lyme Conference: Updates in the Diagnosis and Treatment of Lyme and TBD's.

<u>Presenter:</u> February 2018: a4m Fellowship Course Mitochondrial Dysfunction/Infectious Disease, Charleston, South Carolina. 7-hour, 4-part teaching program: Overview of Lyme and Tick-borne Diseases; The 16 Point MSIDS Map in Chronic Disease; Tick-borne Co-infections; Clinical Case Studies of Lyme and Associated Co-infections

<u>Presenter</u>: November 2017: ILADS Lyme Conference, Boston: Statistical Validation of the Horowitz Multisystemic Infectious Disease Questionnaire/Data Mining Results with Mycobacterium Drugs in Persistent Lyme Disease

<u>Presenter</u>: August 2017: 1440 Multiversity, Scotts Valley, California. 3-day workshop on the Lyme-MSIDS model for patients and medical providers

<u>Presenter</u>: May 2017: ILADS International Lyme conference, Paris, France: The Role of Novel Persister Drugs and Co-infections in chronic illness

Presenter: May 2017: Italian Lyme and Co-infections Association, University of Trieste, Venice, Italy: Why Can't We Get Better? Updates in the Treatment of Lyme and Associated Diseases

<u>Presenter</u>, April 2017: Lyme out Loud Conference, Toronto, Canada: Updates in the Diagnosis and Treatment of Tick-borne Diseases, Training for ND's/MD's (Xymogen)

Presenter: March 2017, Autoimmune Summit, Xymogen, NYC: Lyme and Autoimmune Illness

<u>Presenter:</u> February 2017: Focus on Lyme, Scottsdale, Arizona: One day conference on Lyme diagnostics and emerging therapeutics

<u>Presenter:</u> December 2017: Kripalu, Lenox, Mass. Three-day workshop on Lyme and tick-borne disorders for health care providers/public

Presenter: November 2016: Testimony before the Australian Senate on Lyme and tick-borne diseases in Australia

<u>Presenter</u>: October 23<sup>rd</sup>, Oklahoma City, Oklahoma: Xymogen Experience: From Symptoms to Solutions: The Lyme-MSIDS map in Chronic Disease

Presenter: October 22<sup>nd</sup>, Denver, Colorado: The Lyme-MSIDS map in Chronic Disease

<u>Presenter</u>, September 25<sup>th</sup>, 2016: Greenwich, Connecticut: Xymogen Experience: From Symptoms to Solutions: The Lyme-MSIDS map in Chronic Disease

<u>Presenter</u>, September 24th, 2016: Orlando, Florida: Xymogen Experience: From Symptoms to Solutions: The Lyme-MSIDS map in Chronic Disease

<u>Presenter</u>, September 13<sup>th</sup>, Phoenix, Arizona: Xymogen Experience: From Symptoms to Solutions: The Lyme-MSIDS map in Chronic Disease

<u>Presenter</u>, September 12<sup>th</sup>, Los Angeles: Xymogen Experience: From Symptoms to Solutions: The Lyme-MSIDS map in Chronic Disease

<u>Presenter</u>, July 15<sup>th</sup>, Focus on Lyme, Albany, N.Y.: The Role of Novel Persister Drug Protocols in Patients with Chronic Lyme Symptoms

<u>Presenter</u>, June 25<sup>th</sup>, Xymogen Experience, Austin Texas: From Symptoms to Solutions. The Lyme-MSIDS map in Chronic Disease

<u>Presenter June 17<sup>th</sup>-19<sup>th</sup>, 2016: Omega Institute, Rhinebeck, N.Y., Living Well with Lyme Disease. 3-day workshop with Dr Tom Francescott and Dr Katina Makris</u>

<u>Presenter</u>, June 11<sup>th</sup>, 2016: ILADS, Helsinki, Finland: The Role of Novel Persister Drug Protocols in Patients with Resistant Lyme symptoms; Co-infections I/II: The Role of Co-infections in Chronic disease

<u>Presenter</u>, May 7<sup>th</sup>, 2016: Keynote speaker, University of Binghamton Lyme Conference: Why Can't We Get Better? From Symptoms to Solutions

<u>Presenter</u>, April 16<sup>th</sup>, 2016: Academy of Nutritional Medicine, London: Why Can't We Get Better? The MSIDS model in Chronic Illness.

<u>Presenter</u>, March 2<sup>nd</sup>, 2016: Belgian Lyme Conference, Wavre. How Can I Get Better? Updates on Diagnosing and Treating Tick-Borne Illness

<u>Presenter</u>, February 11<sup>th</sup>, 2016: Focus on Lyme, Scottsdale, Arizona. Lyme Disease, Co-infections and the 16 Point MSIDS model: Solutions for Diagnosing and Treating Chronic Illness

<u>Presenter:</u> January 16<sup>th</sup>, 2016: Xymogen Experience, Orlando, Florida: From Symptoms to Solutions: The 16 point MSIDS model in Chronic Disease

<u>Presenter</u>, December 4<sup>th</sup>-6<sup>th</sup>, 2015: Kripalu Yoga and Meditation Center: Beyond Lyme and Other Chronic Illness. Three-day workshop on the MSIDS model with meditation training.

<u>Presenter</u>, October 3<sup>rd</sup>, 2015: CISN Conference, Paris, France: The Lyme-MSIDS model in chronic disease, complementary/alternative therapies for health and wellness

<u>Presenter</u>, September 19<sup>th</sup>, 2015. Louvain La Neuve, Belgium: Formation Lyme-MSIDS for French speaking physicans/Public talk on the diagnosis and treatment of tick-borne diseases and the MSIDS model

<u>Presenter</u>, September 17<sup>th</sup>, 2015. Presentation to the Belgian Parliament/government on the diagnosis and treatment of Lyme and associated tick-borne disorders; use of the MSIDS model and questionnaire for resistant disease

<u>Presenter</u>, September 12-13, 2015. BBOW Lyme conference. Antwerp, Belgium. Four presentations: An introduction to Lyme and associated tick-borne diseases in the 21<sup>st</sup> century, The 16 point MSIDS model in chronic disease, Tick-borne co-infections: presentation, diagnosis and treatment, Clinical Studies and Treatment options in Lyme-MSIDS

<u>Presenter</u>, August 2015: Congressional Public Forum with Congresswoman Elise Stefanik and Congressman Chris Gibson. SUNY Adirondack, August 8th, 2015. Lyme disease, Co-Infections & the 16 Point MSIDS Model: Solutions for Diagnosing and Treating Chronic Illness

<u>Presenter:</u> June, 2015: Omega Institute: Living Well with Lyme disease. A 3 day workshop for health professionals and the public, discussing Lyme disease, co-infections, the 16 point MSIDS map for chronic disease, with case presentations <u>Presenter</u>, May 2015: Ridgefield, Connecticut, Western Conn State University: Why Can't We Get Better? The Lyme-MSIDS map in chronic disease

<u>Presenter, May 2015, SUNY Binghamton, Lyme Awareness Day: The Lyme-MSIDS Map in Chronic Disease: Reclaiming our Health and Well-being</u>

<u>Presenter</u>, May 2015: Xymogen Lyme & Hormone Summit, NYC, N.Y., The Disruptive Effects of Lyme & Associated Tickborne Infections: Presentation, Diagnosis, and Treatment.

<u>Presenter</u>, April, 2015, SUNY New Paltz, Preparing for the Health and Mental Health Consequences of Climate Change. "Lyme Disease and Co-infections: A Global Health Epidemic".

<u>Presenter</u>, Kripalu, Lenox, Mass, December 2014: Weekend workshop: Beyond Lyme and Other Chronic Illnesses: Reclaiming our Health and Well-Being

<u>Presenter</u>, ILADS conference, Washington, D.C, October 2014: Tick-borne relapsing fever, Lyme and the MSIDS model in chronic disease, Lyme and co-infections

<u>Presenter</u>, CALRB conference, Hartford, CT, September 2014, Relapsing fever borrelia and the MSIDS model for chronic persistent disease

<u>Presenter</u>, Omega Institute, June 2014: Living Well with Lyme Disease. Weekend seminar on Lyme and associated tickborne diseases, with Dr Tom Franscescott and Dr Katina Makris

<u>Presenter</u>, June 2014: Lyme Sans Frontier, JIDMT (Journee International des Maladies a Tiques): 3 day conference for French health care professionals;One day teaching course for physicians on the Lyme-MSIDS model in Chronic Disease <u>Presenter</u>, May 2014: Norvect Lyme conference, Oslo, Norway. Tick-borne co-infections and the Lyme-MSIDS model in Chronic Disease.

Presenter: Xymogen, April 2014. Modern Epidemics: The Lyme Epidemic. Hyatt Regency, Greenwich, CT

<u>Presenter</u>: IHS/Integrative Health Symposium, NYC Feb 2014. Lyme disease and Multiple Systemic Infectious Disease Syndrome (MSIDS): Answers for chronic fatiguing/musculoskeletal illness.

<u>Presenter</u>: Xymogen Experience, Orlando, Florida, Jan 2014. The Role of Inflammation and Detoxification in Lyme disease and Chronic Ilness.

<u>Presenter</u>: Xymogen 2013 Vanguard Lyme Conference, Mohonk Mountain House, Nov 2013. Why Can't I Get Better? Solving the Mystery of Lyme and Chronic Illness.

<u>Presenter</u>: Harvard/Massachusetts Gen Hospital, Lyme disease and Tick-Borne Illness Community Conference, October 2013. "Lyme Disease and Multi-Systemic Infectious Disease Syndrome (MSIDS): A new paradigm for the diagnosis and treatment of chronic illness"

<u>Presenter</u>: JMT (Journee Maladie de Ticques), Paris, France (1 Day Infectious Disease Conference), September, 2013. Overview of Lyme disease and MSIDS in Chronic persistent disease

<u>Presenter</u>: Minister of Health, France, September 2013. Private meeting with government officials on tick-borne diseases in France, regarding epidemiology, testing and treatment of Lyme disease and associated tick-borne co-infections

<u>Presenter:</u> JID'IMVT Strasbourg, France ( 2 Day Infectious Disease Conference). June, 2013. Why Can't I Get Better? Solving the Mystery of Lyme and Chronic Disease.

<u>Presenter</u>: ACAM, May 2013, Hollywood, Fla. Lyme Disease and Multi-Systemic Infectious Disease Syndrome (MSIDS): A new paradigm for the diagnosis and treatment of chronic illness

<u>Presenter</u>: LIA foundation webinar, May 2013: Lyme and MSIDS: Why Can't I Get Better? Diagnostic and Treatment Strategies in the chronically ill patient.

<u>Presenter</u>: Xymogen. Lyme disease and co-infections: Classical and Integrative Therapies. Mohonk Mountain House, New Paltz, N.Y. May 2103

<u>Presenter:</u> Congressional Hearing on Lyme disease, Vermont House and Senate, April 2013. Lyme disease and MSIDS: Diagnosis and Treatment of Tick-Borne disorders

Presenter: Integrative Health Symposium, NYC, March 2013. The Science and Practice of Meditation

Presenter: ILADS, Boston, 2012. Diagnosis and Treatment of Complex Patients with Tick-borne disorders.

<u>Presenter:</u> Congressional Public Forum on Lyme Disease, May 2012. Senator Chris Gibson, Saratoga Springs, N.Y. Lyme disease and MSIDS: A New paradigm in treating chronic illness

<u>Presenter</u>: American College for the Advancement of Medicine, San Diego, California, May 2102. Overview of Lyme Disease and Tick-Borne co-infections, Classical and Integrative approaches

<u>Presenter:</u> California Lyme disease association, San Diego, California, May 2012. New paradigms in diagnosis and treatment: MSIDS.

Presenter: Integrative Health Symposium, Feb 2012. Chronic pain syndromes and Lyme disease with MCIDS

<u>Presenter:</u> a4m, Las Vegas, 2011. Lyme Disease and MCIDS: Classical and Integrative therapies in chronic diseases

Presenter: ILADS 2011, Babesia: Updated Diagnostic Treatment & Protocols. Toronto, Canada

Presenter: ILADS 2011, 2nd International Lyme Conference, Aufsberg, Germany. Lyme and Co-

-infections, Classical and Integrative Therapies, May 2011

Presenter: UNESCO, Paris, June 2011. Lyme Disease presenting as MCIDS

Presenter: JNI, National Infectious Disease Conference France, June 2011, Controversies in Lyme

Disease

Presenter: Chinese CDC/ Ministry of Health, Beijing/Shanghai China 2011. Overview of Lyme

Disease and Babesiosis. Special invitation from the Chinese government to present to top

Government officials, CDC, and National Academy of Sciences on the difficulties of diagnosis and treatment of expanding tick-borne disorders

Presenter: IHS Symposium NYC March 2011: Integrative protocols for Lyme and co-infections

Presenter: Bioresource: California March 2011: Differential Diagnosis and Integrative treatment

Protocols in tick borne disorders

Presenter: ILADS 2010, 1st International Lyme Conference in Europe: Lyme and co-infections

Presenter: ILADS 2010, Westin Jersey City, N.J. Lyme and Co-infections

<u>Presenter</u>: California Naturopathic Doctors Association, Los Angeles, Calif 2010. Overview of

Protocols in the Complex Lyme patient

Presenter: Western Conn. State University-Lyme disease: New Diagnostic and Treatment

Protocols, April 2010

Presenter: Xymogen, Integrative Medical Protocols for Lyme Disease and Associated Co-

Infections, Double Tree Inn, Tarrytown, NY: March 2010

Presenter: Lyme and Autism, Crowne Plaza, NJ, May 2009

Presenter: ILADS: Oct 2009, Maryland: Differential Diagnosis in Lyme Disease and Co-Infections

Presenter: ILADS: Oct 2008, San Francisco, CA:: Nuts and Bolts of Lyme Disease

Presenter: Mercy Hospital, PA, Lyme Disease: A Scientific Overview, March 2008

Presenter: Western Connecticut State University, April 2008, Lyme Disease and Other Tick Borne

Diseases; Classical and Complementary Therapies.

Presenter: Lyme in Autism Conference, Ft. Lee, NJ. April 2008. Herbs, Hormones and Heavy Metals.

Presenter: University of New Haven, May 2008. Classical and Integrative Medical Approaches in

Chronic Lyme Disease: New Paradigms in Diagnosis and Treatment

Presenter: Lyme in Autism Conference, Palm Springs, California, June 2008. Classical and

Integrative Medical Approaches in Chronic Lyme Disease

Presenter, Western Connecticut State University: Lyme Disease: A Scientific Overview. May 2007

Presenter, University of New Haven: The Role of Co-Infections in Chronic Lyme Disease. May 2007

<u>Presenter</u>, ILADS, Chronic Lyme Disease: A Symptom Complex of Multiple Co-infections. Philadelphia, Pennsylvania, October 2006

<u>Presenter</u>, ILADS, Lyme Disease and Other TBDs: An Overview of Co-Infections and Their Role in Chronic Symptomology, Philadephia, Pennsylvania, October 2005

<u>Presenter</u>, Southeastern Pennsylvania & Northern Massachusetts, Lyme Disease and Tick-Borne Diseases: A Scientific Update, November 2004

<u>Presenter</u>, Lyme Disease Association, Intravenous Glutathione: A Novel Approach for Treating Resistant Symptoms in Chronic Lyme Disease, October 2004

<u>Presenter</u>, 16th International Scientific Conference on Lyme Disease and Other Tick-Borne Disorders, Hartford, Connecticut, June 2003

<u>Presenter</u>, Educational Forum on Lyme Disease, United States Congress; Understanding the Role of Laboratory Testing in Lyme Disease and Other Tick-Borne Disorders, Rhode Island, August 2002

<u>Presenter</u>, Lyme & Other Tick-Borne Diseases: Lyme Disease Association, New Jersey, A 21st Century View, November 2001

<u>Presenter</u>, Lyme & Other Tick-Borne Diseases: Lyme Disease Association, New Jersey, Focus on Children & Adolescents, November 2000.

<u>Presenter</u>, Dutchess Community College, Lyme, Babeisosis and Ehrlichiosis for "Infectious Diseases- Past, Present and Future", Poughkeepsie, NY, March 26, 2001

<u>Presenter</u>, Lyme Disease Association, Inc., The Increasing Incidence of Co-Infections: Babesiosis and Ehrlichiosis@, Doral Forrestal, Princeton, New Jersey, November 14, 2000

<u>Presenter</u>, 13th International Scientific Conference on Lyme Disease and Other Tick -Borne Disorders, Hartford, Connecticut. March 25-26, 2000.

<u>Presenter</u>, Chronic Lyme Disease: A Symptom Complex of Multiple Co-Infections, New Diagnostic and Treatment Protocols@, Lyme Disease and Other Spirochetal and Tick-Borne Diseases: A Two Day Discussion of the Most Recent Developments in Research and Clinical Management, Bard College, Annandale-on-Hudson, NY, November 14, 1999.

<u>Presenter</u>, Michigan Lyme Disease Association, Current Clinical Approaches and Microbiology of Lyme Disease and Other Tick-borne Illnesses, September 25, 1999, Midland, Michigan.

<u>Presenter</u>, 12th Annual International Scientific Conference on Lyme Diseases & Other Spirochetal and Tick-Borne Disorders, April 1999, New York, NY.

<u>Presenter</u>, First International Tibetan Medical Conference; with His Holiness the Dalai Lama, November 1999, Washington, D.C.

<u>Faculty Member</u>, Marist College Certificate in Alternative Health Care; Lectures in Fundamentals of Alternative Healing, 1998;

Lecturer, Marist College Center for Lifetime Studies, 1998 & 2001.

New York State Dietetic Association Conference, May 1995:

Nutrition and Lyme Dutchess County Lyme Disease Conference, March 1995:

Current Overview & Treatment of Lyme Disease USCablevision/NewsChannel6, April 1994: Lyme Disease in Dutchess County >94

<u>Presenter</u>, Lyme Disease: A Community Public Health Challenge Conference, June 1994, Poughkeepsie, NY, *Lyme Disease: The Local Medical Perspective* 

# Media/ TV Appearances:

News 12 Westchester, July 2020: Efficacy of Glutathione in COVID-19: <a href="http://westchester.news12.com/story/42383284/hud-son-valley-doctor-touts-lyme-disease-treatment-as-option-for-covid19-patients">http://westchester.news12.com/story/42383284/hud-son-valley-doctor-touts-lyme-disease-treatment-as-option-for-covid19-patients</a>

News 10 Albany, July 2020. Efficacy of Glutathione in COVID-19: <a href="https://www.news10.com/?p=399270&pre-view=true">https://www.news10.com/?p=399270&pre-view=true</a> thumbnail id=399278

Fox 5 News, October 2018: Coverage LymeMind Conference, NY Academy of Medicine: :

http://www.fox5ny.com/news/lyme-disease-conference-draws-many-experts

Fox 5 News, September 2018: Lyme and Reason, Live Facebook chat for one hour with Lew Leone, Teresa Priolo

Netflix, Afflicted, August 2018: Docuseries on Lyme and chronic disease. 7 Part series with Dr Horowitz

Fox 5 News, September 2016: Lyme and Politics: https://www.youtube.com/watch?v=Jc94C2 UVpo&feature=youtu.be

The Today Show, June 2015: Tick Talk with Kathie Lee and Hoda: The 6 things You Need to Know about Lyme

Fox News Health Talk with Dr Manny, May 2015, The Lyme Disease Debate: Can the condition be chronic?

People Magazine, April 2015 - Avril Lavigne Suffers from Lyme Disease: Things to Know about the Illness

The Today Show, July 2<sup>nd</sup>, 2014, Signs, symptoms, & prevention of Lyme disease

Fox and Friends, July 26th, 2014, Lyme disease risks, signs & symptoms

Katie Couric, ABC TV, October 9th, 2013: Chronic Lyme disease, does it exist?

The New York Times, Room for Debate, Deconstructing Lyme disease, focusing on the co-infections, August 11, 2013

The New Yorker, Annals of Medicine, July 2013: The Lyme Wars

NPR, Vermont Public Radio, April 3<sup>rd</sup>, 2013, Expert: Lyme disease just one part of tick-borne epidemic, testimony before the

Vermont Joint House and Senate Health Committee

Oprah magazine: December 2009, Chronic Lyme Disease, Myth or Reality?

Under Our Skin, Documentary on Lyme disease 2008: Amy Tan and Dr Richard Horowitz presented at the opening of the theatrical premiere on June 19, 2009 at the IFC Center in New York City

The Quiet Epidemic, Documentary on Lyme disease, released 2022.

# Publications / Abstracts

NY Times Science Best Seller:

Why Can't I Get Better? Solving the Mystery of Lyme and Chronic Disease. Dr Richard I. Horowitz. St Martin's Press, NYC.

Publication date November 2013

Why Can't I Get Better? Richard Horowitz, M.D.

HC ISBN-13: 978-1-250-01940-0

ISBN-10: 1-250-01940-0 6 1/8 9 ¼ • 526 pages

EISBN-13: 978-1-250-03848-7

National Bestseller: How Can I Get Better? An Action Plan for Treating Resistant Lyme and Chronic Disease. St Martin's

Press, NYC, publication date February 2017

How Can I Get Better? Richard Horowitz, M.D.

HC ISBN 978-1-250-07054-8 (hardcover)

ISBN 978-1-250-11144-9 (e-book)

Starseed R/evolution, the Awakening. Permuted Press, Publication date Mar 1, 2022

ISBN: 978-1-63758-169-8

ISBN (eBook): 978-1-63758-170-4 © 2022 by Dr. Richard Horowitz

Co-author, Tick-borne Disease Working Group report to Congress, November 2018: <a href="https://www.hhs.gov/sites/de-fault/files/tbdwg-report-to-congress-2018.pdf">https://www.hhs.gov/sites/de-fault/files/tbdwg-report-to-congress-2018.pdf</a>

Co-author, HHS Other Tick-borne infections and Co-infections subcommittee report 2018

https://www.hhs.gov/ash/advisory-committees/tickbornedisease/reports/other-tbds-2018-5-9/index.html

Co-author, HHS Babesia and Tick-borne Pathogens subcommittee report 2020

https://www.hhs.gov/ash/advisory-committees/tickbornedisease/reports/babesiosis-subcomm-2020/index.html

#### Scientific Publications:

Horowitz, R.I.; Fallon, J.; Freeman, P.R. Combining Double-Dose and High-Dose Pulsed Dapsone Combination Therapy for Chronic Lyme Disease/Post-Treatment Lyme Disease Syndrome and Co-Infections, Including Bartonella: A Report of 3 Cases and a Literature Review. *Microorganisms* **2024**, *12*, 909. https://doi.org/10.3390/microorganisms12050909

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Horowitz, RI. How "long covid" is shedding light on postviral syndromes

BMJ 2022; 378 doi: https://doi.org/10.1136/bmj.o2188 (Published 21 September 2022)Cite this as: BMJ 2022;378:o2188

Horowitz RI, Freeman PR. Efficacy of Short-Term High Dose Pulsed Dapsone Combination Therapy in the Treatment of Chronic Lyme Disease/Post-Treatment Lyme Disease Syndrome (PTLDS) and Associated Co-Infections: A Report of Three Cases and Literature Review. *Antibiotics*. 2022; 11(7):912. https://doi.org/10.3390/antibiotics11070912

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R.I. Horowitz, P.R. Freeman, Three Novel Prevention, Diagnostic and Treatment Options for COVID-19 Urgently Necessitating Controlled Randomized Trials, Medical Hypotheses (2020)

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