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Employment History

AIM Center for Personalized Medicine

Founder

WESTMED Medical Group

Attending, Internal Medicine

WESTMED Medical Group Attending, Internal Medicine

Mid-Westchester Medical Associates

Attending, Internal Medicine

Purchase, NY October 2011 - Present

Rve, NY

November 2007 - August 2011

White Plains, NY

December 2003 - April 2006

White Plains, NY

August 1999 - November 2001

Internship and Residency

New York University School of Medicine/ Bellevue Hospital

Residency, Primary Care/Internal Medicine

New York University School of Medicine/ Bellevue Hospital

Internship, Internal Medicine

New York, NY

July 1997 - June 1999

New York, NY

July 1996 - June 1997

Education

The John Hopkins University School of Medicine

 $Doctor\ of\ Medicine$

Baltimore, MDMay 1996

Cornell University Ithaca, NY

May 1992

Honors: Cornell National Scholars (President, 1991-1992)

Quill and Dagger (Officer - Recruitment Chair)

Alpha Epsilon Delta Premedical Honor Society (Vice President)

Hospital Affiliation

Greenwich Hospital Community Physician

Greenwich, CT

2007 - Present

Research

CIBA-GEIGY Pharmaceuticals

Intern, Research and Development

Suffern, NY Summers 1988-1992

Licensure

New York State

208499-1

Connecticut

43273

Certifications

Board Certified by the American Board of Internal Medicine	August 1999 - Present
Vanguard Endocrinology Certification	December 2011
Board Certified by the American Board of Integrative and Holistic Medicine	March 2013
Ozone Certification by The American Academy of Ozonotherapy	March 2020
Hyperbaric Ozone Certification - Institute for Complementary & Alternative Medicine	April 2021

Professional Organizations

Institute for Functional Medicine	Member
International Lyme and Associated Diseases Society (ILADS)	Board Member
International Lyme and Associated Diseases Society (ILADS - Education Committee	Board Member
International Lyme and Associated Diseases Society (ILADS - Program Committee	Board Member
International Association for IACFS/ME (Chronic Fatigue Syndrome / Myalgic Encephalomyelitis)	Member
The American Academy of Ozonotherapy	Member
International Society for the Study of Women's Sexual Health (ISSWSH)	Member

Awards

Westchester Magazine: Top Doctors	2018, 2019, 2020, 2021, 2022, 2023
Castle Connolly Top Doctors New York Metro Area	2017, 2018, 2019, 2020, 2021, 2022
Exceptional Women in Medicine	2020, 2021, 2022
New York Magazine: Top Doctors	2021, 2022
Westchester Women in Business Award	2021

Publications/Presentations

The Holistic Approach to Cancer Prevention Gilda's Club of Westchester	October 2010
Westchester Women's Bar Association Our Bodies, Ourselves: Inside Focus on Critical Women's Health Issues of the Century Panelist / Presenter	January 2011
The Holistic Approach to Cancer Prevention for The Prostate Net At BODIESThe Exhibit	October 2011
Take Control of Your Heart Health Westchester Healthcare News	February 2012
Should You Take The New Weight Loss Pills? Interview for Shape.com	Spring 2012
The Whole Foods Kosher Kitchen by Levana Kirschenbaum Foreword	June 2012

The Obesity Connection - Gluten and Beyond Xymogen	New York, NY July 2012
Chronic Disease and Obesity: The Role of Food Sensitivities Session at the Annual World Congress on Anti-Aging Medicine & Regenerative Biomedical Technologies	Ft Lauderdale, FL April 2013
A Single Bite: Living With and Healing From Gluten Related Disorders The Gut, Brain and Autoimmune Disorders Symposium	Los Angeles, CA August 2013
Vanguard Methyl-Genomics Xymogen, Breakthroughs in Methylation and Detoxification	New Paltz, NY November 2013
The Hidden Epidemics <i>Xymogen, Methylation Disorders, Food Sensitivities, and Histamine Intolerance</i>	New Paltz, NY May 2014
Methyl-Genomics Xymogen, From Methylation to Detoxification	Greenwich, CT August 2014
The Link Between Methylation and Histamine The Leaky Gut Epidemic	White Plains, NY October 2014
Vanguard Methyl-Genomics Advanced Strategies for Histamine and Methylation Disorders	New Paltz, NY November 2014
Anti-Aging Therapeutics Vol. XIV Chapter 9: Chronic Disease and Obesity: The Role of Food Sensitivities	March 2015
Lyme and Hormone Summit Lyme as a Major Methylation Disrupter: Using Methyl-Genomics Approach in the Treatment of Lyme Disease	New York, NY May 2015
Inflammation Metagenics, The Role of Specialized Pro-Resolving Mediators (SPMs)	White Plains, NY October 2015
The Integrative Medicine Summit Xymogen, It's Not LymeIt's Bartonella	Greenwich, CT May 2016
Autoimmune Summit The Other Face of Autoimmunity: Attack of the Mast Cells	New York, NY March 2017
The University of Bridgeport College of Naturopathic Medicine It's Not LymeIt's Bartonella	Bridgeport, CT April 2017
The Integrative Medicine Summit It's Not Lyme It's Bartonella	New York, NY May 2017
Mastermind Lecture Series Are You Allergic to Yourself? The Interplay of Allergies, Histamine Toxicity, and Autoimmunity	White Plains, NY October 2017
International Congress on Natural Medicine Keynote: L. Eventional Endocrinology: The Past, Present and Entore	Melbourne, Australia June 9-11, 2018

Functional Endocrinology: The Past, Present and Future
 Mast Cell Activation Syndrome - The Interplay of Allergies,

Histamine Toxicity, and Autoimmunity

3. Mast Cells and Hormones: The Intersection of MCAS and PCOS

ILADS 19th Annual Scientific Conference

Chicago, IL November 2018

1. Reversing the Synergistic Effects of Bartonella and Mast Cell

2. Activation Syndrome on the Development of Autoimmune Neuropsychiatric Disease

Autoimmune and Lyme Summit

New York, NY

Understanding Pathogen-Induced Mast Cell Activation Syndrome

March 2019

MCAS Workshop Boulder, CO April 2019

1. Mast Cell Activation Syndrome and Neuropsychiatric Manifestations

2. Mast Cells and Hormones: The *Intersection of MCAS and PCOS* Diagnosis

3. Management of Food Intolerances in MCAS Patients

> Georgetown University, DC June 2019

Symposium for Autoimmune Encephalopathy of Infectious Etiology: Assessing the Current State of Knowledge, Clinical Treatments and **Research Directions**

- 1. Mast Cell Activation Syndrome as an Initiator of Autoimmunity
- 2. Biomarkers in Mast Cell Activation Syndrome and Treatment **Options**

ILADS Annual Conference

Boston, MA

November 2019

1. Mast Cell Activation Syndrome: A New Paradigm for Understanding Autoimmune Encephalopathy and Polyneuropathy

2. Bartonellosis and the Trifecta: MCAS, EDS, and Dysautonomia

Disjoined Navigating the Diagnosis and Management of Hypermobile Ehlers-Danlos Syndrome and Hypermobility Spectrum

May 2020

Co-author of the book chapter "Urogynecology and Hypermobility"

ILADS Annual Conference

Disorders

Boston, MA

Mast Cell Targeted Treatment in Patients with Tick-Borne Infections, MCAS, and COVID-19

September 2020

Breast Implant Health Summit

October 2020

Understanding Breast Implant Illness from the Perspective of Mast Cell Activation Syndrome

5th Annual LYMEMIND Conference

November 2020

Novel Treatments: Making Sense of Treatment Options

Integrative Healthcare Symposium (IHS)

February 2022

Mast Cell Activation Syndrome: The Interplay Between Immunity and Neuroinflammation

The Forum for Integrative Medicine (TFIM)

March 2022

 $MCAS, Endocrine\ Disruption\ and\ the\ Epidemic\ of\ Metabolic\ Syndrome\ and\ Other\ Hormonal\ Disorders$

Third Annual Workshop on Mast Cell Activation Disorder

Organizer and Presenter 1. Mast Cell Activation Syndrome: Neuroinflammation and Cognitive Dysfunction 2. Diagnosis & Management of Vector-Borne Infectious Diseases 3. in Mast Cell Activation and Related Disorders 4. Case Report: Immunologic Issues in Mast Cell Activation & Related Disorders	June 2022
 ILADS Annual Conference 1. MCAS and Vector Borne Infections: Root Cause vs Driver of the Pentad of Chronic Illness 2. Vector-borne Illness Fundamentals: Bartonella 	Orlando, FL September 2022
Breast Implant Health Summit Mast Cell Activation Syndrome and Chemical Intolerance: Root Causes or Drivers of Breast Implant Illness	October 2022
Touro University CME Program: Conversations on MCAD <i>Vector-Borne Infections in MCAS: Root Cause vs. Driver of Pentad of Chronic Illness</i>	December 2022
New Frontier Series: The Infectious Disease and Autoimmunity Summit Mast Cell Activation Syndrome (MCAS): The Interplay Between the Immune System, Autoimmunity, and Neuroinflammation	December 2022
Integrative Healthcare Symposium (IHS) The Mast Cell Microbiome Connection and the Development of Autoimmunity	February 2023
Long COVID and Fatiguing Illness Recovery Program Mast Cell Activation Syndrome in PCC and ME/CFS	May 2023
The Institute for Functional Medicine Cell Activation Syndrome: Past, Present & Future	June 2023
Runga Micro Conference Gut Health & Immune Regulation	Austin, TX September 2023
ILADS Annual Conference The Vector-Borne Infection - Mast Cell - Microbiome Connection and the Development of Autoimmunity	Boston, MA October 2023

Briarcliff Manor, NY

Trade Publications

Afrin, Lawrence B., Tania T. Dempsey, Lila S. Rosenthal & Shanda R. Dorff. (2018). Successful mast-cell-targeted treatment of chronic dyspareunia, vaginitis, and dysfunctional uterine bleeding. *Journal of Obstetrics and Gynaecology*, *39*(5), 664-669. DOI: 10.1080/01443615.2018.1550475

Bateman L, Bested AC, Bonilla HF, et al. (2021) Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Essentials of Diagnosis and Management. *Mayo Clinic Proceedings*. *96*(11), 2861-2878. DOI: 10.1016/j.mayocp.2021.07.004

Afrin, Lawrence, Mary Ackerley, Linda Bluestein, Joseph Brewer, Jill Blettner, Ariana Buchanan, Jill Cuni, William Davey, Tania Dempsey, Shanda Dorff, Martin Dubravec, Alena Guggenheim, Kimberly Hindman, Bruce Hoffman, David Kaufman, Stephanie Kratzer, Theodore Lee, Mindy Marantz, Andrew Maxwell, Gerhard Molderings. (2020). Diagnosis of mast cell activation syndrome: A global "consensus-2." *Diagnosis (Berlin, Germany)*. DOI: 10.1515/dx-2020-0005

Shimasaki, C., Frye RE, Trifiletti R, et al. (2020) Evaluation of the Cunningham Panel™ in pediatric autoimmune neuropsychiatric disorder associated with streptococcal infection (PANDAS) and pediatric acute-onset neuropsychiatric syndrome (PANS): Changes in antineuronal antibody titers parallel changes in patient symptoms. *Journal of Neuroimmunology*, 339, 577138. DOI: 10.1016/j.jneuroim.2019.577138

Miller, C.S., Palmer, R.F., Dempsey, T.T. et al. (2021). Mast cell activation may explain many cases of chemical intolerance. *Environmental Science and Pollution Research*, *33*(129). DOI: 10.1186/s12302-021-00570-3

Afrin, L. B., Dempsey, T. T., & Weinstock, L. B. (2022). Post-HPV-Vaccination Mast Cell Activation Syndrome: Possible Vaccine-Triggered Escalation of Undiagnosed Pre-Existing Mast Cell Disease? *Vaccines*, *10*(1), 127. DOI: 10.33990/vaccines100101

Afrin, L.B., Dempsey, T.T., & Molderings, G.J. (2023). Learned cautions regarding antibody testing in mast cell activation syndrome. *Diagnosis (Berlin, Germany)*, 10(4), 424–431. DOI: 10.1515/dx-2023-0032

Palmer, RF., Dempsey, T.T., Afrin, LB. (2023). Chemical Intolerance and Mast Cell Activation: A Suspicious Synchronicity. *Journal of Xenobiotics*. *13*(4):704-718. DOI: 10.3390/jox13040045

<u>Press</u>

Television

Fox 5 NY Ernie Anastos Are You Allergic To Yourself? MCAS Segment	September 2017
Fox & Friends School Board Eliminates Class Rankings	June 2018
News 12 Westchester Lyme Disease Special News 12	June 2018
People TV: Meet The Teenage Girl Allergic to Everything C Suite TV Covid	December 2018
Fox 61: Top 5 Lyme Disease Myths	April 2019
Indus News: Dangers of Processed Foods Special	September 2019
Westchester Coronavirus Special Series	March 2020
News 12 Westchester Coronavirus answer Q & A LIVE Fox 61: Why Bartonella is the new Lyme	March 2020
RT News: Covid and Kids Safety	August 2020
RT America: Covid Long Haulers	August 2020
To The Point Long Haulers What is Long Covid?	October 2020
CTV News: CTV Morning Live: MCAS is a complex multi-system inflammatory condition	September 2020
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PCTV Health IQ Thyroid Disease

Radio & Podcasts

The Rob Taub Show AM970:	November 2017
Why Bartonella is the New Lyme	
Late Night Health Radio: Why Bartonella is the New Lyme	November 2017
Natural Health 365: Why Bartonella is the New Lyme	November 2017
Fabulous, Fearless You: Why Bartonella is the new Lyme	November 2017
Dr. Michael Ruscio: Could MCAS Be The Cause Of Your Symptoms?	October 2018
Metagenics: The Role of Mast Cells in Female Hormonal Disorders	November 2018
Dr. Ronald Hoffman Intelligence Medicine: Histamine Intolerance Special with Dr. Dempsey	May 2019
Dr. Michael Ruscio: MCAS & Tick-Borne Illness	May 2019
Lyme Ninja Radio: MCAS & Lyme Better Health Guy Podcast: Bartonella & MCAS	February 2020
Small Steps to Cleaner Living with Dr. Tania Dempsey Living with Lyme: Mast Cell Activation Syndrome (MCAS)	April 202-
Love & Guts: The Link Between COVID-19 and MCAS	November 2020
Better Health Guy Podcast: Episode #152 MCAS and Implants	September 2021
The POTScast: E21 Mast Cells Causing Mayhem with Doctor of Naturopathy Beth O'Hara	October 2021
The POTScast: E40 Misbehaving Mast Cells with Dr. Lawrence Afrin	February 2022
Dr. Ronald Hoffman Intelligence Medicine: A New Way of Understanding Patients with a Wide Array of Elusive Symptoms, Part 1 and 2	April 2022
RUN-DMC / Gez Medinger (Youtube.com): Why Women Get Long Covid Worse (or at the very least, different)	April 2022
Dr. Jill: MCAS PotPourri	April 2022

The Smartest Doctor in the Room Podcast: Mast Cell Activation Syndrome- Making the Difficult Diagnosis with Dr. Tania Dempsey	May 2022
Reversing Mast Cell Activation And Histamine Intolerance Summit: Chemical Sensitivities in MCAS	October 2022
Project Lyme Webinar w/ Dr. Neil Nathan- Complex Chronic Illness Lyme Disease & Mold Toxicity	October 2022
Dr. Lotte Science with Soul: MCAS, Lyme & Dysautonomia	November 2022
Metagenic Institute Podcast: The role of MCAS in the gut, brain and beyond with Tania Dempsey	January 2023
Overcoming Long Haul & Chronic Fatigue Syndrome Summit	February 2023
The Primafoodie Podcast: The Rise of Autoimmune Disorders with Dr. Tania Dempsey	February 2023
The POTScast: E115 Mast Cell Matters: Intro to MCAS with Dr. Tania Dempsey	February 2023
The POTScast: E122 Mast Cell Matters: Diagnosis and Treatment of MCAS with Dr. Tania Dempsey	March 2023
Menopause Reimagined with Andrea Donsky: Histamines and Perimenopause and Menopause with Dr. Tania Dempsey	April 2023
Dr. Weitz's Blog, Rational Wellness Podcast: Mast Cell Activation Syndrome with Dr. Tania Dempsey 303	April 2023
The POTScast: E129 MCAS Diagnostic Criteria "Consensus-2" with Dr. Lawrence Afrin as part of the Mast Cell Matters series	April 2023
The POTScast: E135 Gastrointestinal Manifestations of MCAS with Dr. Leonard Weinstock as part of the Mast Cell Matters series	May 2023
The POTScast: E142 Unravelling Medical Complexities with Dr. Ilene Ruhoy and Dr. David Kaufman	May 2023
The POTScast: E147 Gynecological Issues & Pregnancy in MCAS with Dr. Shanda Dorff	June 2023
Dr. Hoffman Podcast: Treating Complicated Chronic Disorders	July 2023
LDN Research Trust: Dr Tania Dempsey Shares Her Experience of LDN	August 2023

iCareBetter: August 2023 Mast cell activation syndrome and complex chronic diseases with Tania Dempsey The POTScast: September 2023 E159 Cardiac manifestations of MCAS with Dr. Andrew Maxwell as part of the Mast Cell Matters series Mast Cell 360: October 2023 Are Your Hormones Triggering Your MXAS? Or Vice Versa? The POTScast: October 2023 E165 Documentary on The Triad with Dr. Leonard Weinstock and Dr. Tania Dempsey as part of the Mast Cell Matters series **Mast Cell Matters:** January 2024 Triad Documentary The Bendy Bodies Podcast: January 2024 Making a MCAS Documentary with Drs. Weinstock, Dempsey, Bluestein, Afrin, Kinsella & Jill Brook, MA Editorial Feature Profiles July 2017 **WAG Magazine:** Paging Dr. Dempsey Westchester Magazine: August 2021 2021 Women in Business Award Consumer Health **FoxNews:** April 2017 Can Crossfit really cause kidney damage? **Huffington Post:** April 2017 How to Avoid Burnout April 2017 **Prevention:** 3 Science Backed Reasons Not To Take a Multivitamin Harpers Bazaar: May 2017 Do You Need a Weekly Vitamin Shot? Women's Health: May 2017 Why I got tested for Alzheimer's August 2017 **New York Post:**

Eating Protein isn't the only healthy habit that can kill you

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News: These Healthy Habits Might Actually Kill You	August 2017
PopSugar: Why You Always Get Sick When You Travel	September 2017
Newsweek: 22-Year Old Gymnast With Bizarre Disorder Could Be Killed By Own Tears	January 2018
Well & Good: Are Your Cold Hands & Feet Signs of a more serious condition?	February 2018
Family Circle Magazine: 8 Headache Cures	May 2018
Health: <i>My Upset Stomach Turned Out To Be A Coffee Intolerance</i>	June 2018
Bustle: What is Cold Intolerance?	December 2018
Eat This Not That: FODMAP Food List	April 2019
Well and Good: Beat Summer Heat by Snacking On These Ayurvedic Cooling Foods	May 2019
US News and World Report: What to do if you get stung by a bee	August 2019
Readers Digest: Dangerous Signs You're Overheating	September 2019
Fox Business Women's workplace attire ditches pantsuit over a shifting job economy	October 2019
Insider: 6 Horrifying Things That Can Happen to your body when you eat sushi Women's	March 2020
Fox Business: Is the coronavirus antibody test key to reopening the economy?	April 2020
WSJ: As Child Covid Cases Rise, Doctors Watch for Potential Long-Term Effects Parade	August 2020
Hello Giggles: Doctors explain how to safely create a pandemic pod this winter	November 2020

April 2023

Serendipity Magazine: A Better Blood Test

InStyle Magazine: May 2023

What is clean beauty?

Salon: August 2023

Dogs have a Lyme disease vaccine, so why don't humans

First for Women: October 2023

Mold Has Been Shown To Trigger Tiredness + Mood Swings — And Fall Is Peak Mold Season

Vitals:

How Stress Impacts Migraines

(https://www.vitals.com/education/well-informed/taking-control-of-migraines/stress-and-migraines)

SHAPE:

Should You Take the New Weight Loss Pills?

Martha Stewart Weddings:

5 Ways to Keep The Flu From Ruining Your Wedding

Fox Business:

Everything you need to know about e-cigarettes

Magazine:

Is there a connection between histamine intolerance and diet?

Celebrity Health/Lyme Disease

People Magazine: December 2018

Meet The Teenage Girl Who is Allergic To Almost Everything

Healthline: February 2020

Shania Twain's Vocal Cord Damage One Example of Lyme Disease Effects

Global Lyme Alliance: June 2022

Ask a Lyme Doctor: Q&A with Dr. Tania Dempsey

Hollywood Life: October 2023

Why Justin Bieber is smart to quarantine after battling chronic lyme disease, doctor explains: exclusive interview

Medical Outlets

Physicians: June 2017

Lyme Disease Symptoms

Pro Health: April 2020

Is it safe to donate blood if you've been diagnosed with lyme disease?

RawlsMD: March 2022

The Lyme & POTS Connection

Medscape:

Immunoassay May Help Identify Pediatric Lyme Arthritis

Charleston:

Chronic Infections & MCAS Charleston

Published Media Articles

Observer: June 2017

Why You Need to Ignore the Latest Flawed Study Demonizing Coconut Oil

Observer: July 2017

Are Pink Pineapples Safe to Eat?

Observer: November 2017

WSJ Says Saunas Don't Help You Detox. Studies Disagree

LoHud: August 2020

Westchester doctor on school: Don't make our children future 'long-haulers' | Opini