

DAY 1 AGENDA -October 2nd

REGISTRATION & BREAKFAST

Expo Hall: 7:00am - 8:00am

8:00am – Welcome & Introductory Remarks - JEREMY PHILLIPS

Morning Theme: IMMUNE DERAILING – CAUSES AND THERAPIES

8:15am – 9:15am – PAUL ANDERSON, N.M.D.

Toxin and Toxicant Effects on Immune Function

In this session Dr. Anderson will discuss the symbiotic relationship between toxicants and chronic infections. He will outline the ways infectious organisms use toxicants to evade attempts to eliminate them and targets for reducing this evasion. A discussion of therapeutic interventions and their place in chronic infection therapies will be included in this session.

9:15am – 10:15am – PAUL ANDERSON, N.M.D.

An Inclusive method of Clinical Detoxification Part – 1

Most clinicians have multiple trainings in specific detoxification and depuration strategies for specific toxins and toxicants. A clinical conundrum may occur when attempting to include detoxification across many types of toxins and toxicants, as the individual methods seem at odds. In this two-part session Dr. Anderson will discuss an integrated method for depuration and detoxification that can be a base to include multiple toxin – toxicant entities.

MORNING BREAK: 10:15am – 11:00am

11:00am – 12:30pm – DARIN INGELS, N.D.

Diagnosis and Treatment of Tick-Borne Illness

Lyme disease and other tick-borne illnesses are some of the fastest growing infectious diseases in the world, affecting millions of people worldwide. The symptoms can often be vague and mimic other pathologies, so often get misdiagnosed or missed altogether. In this lecture, Dr. Ingels will review the signs and symptoms of tick-borne illness and the complexities of laboratory evaluation. He will also discuss practical treatments to help patients overcome their illness.

LUNCH BREAK: 12:30pm – 1:45pm

Afternoon Theme: POLYMICROBIAL INFECTIONS

1:45pm – 2:15pm - KARLEEN SICKINGER, N.M.D.

Hidden Drivers of Chronic Illness: Uncovering the Mold and Lyme Link (Non-CME)

In this session, you'll explore how Mosaic Diagnostics' MycoTOX Profile and Lyme + Co-Infections DirectDetect can help uncover underlying drivers of chronic illness and bring greater clarity to challenging cases.

You'll learn how to recognize which patients are most likely to benefit from mycotoxin and Lyme testing, how to interpret results within the context of the patient, and how to take clear, actionable next steps.



2:15pm – 2:45pm – SHAINA CAHILL, Ph.D.

Exploring FMT in Autoimmune Disease: Restoring Immune Balance Through the Gut Microbiome (Non-CME)

This presentation reviews emerging research and early clinical evidence linking gut dysbiosis to autoimmune conditions including ulcerative colitis,

systemic lupus erythematosus, multiple sclerosis, and rheumatoid arthritis. It explores the emerging role of fecal microbiota transplantation (FMT) as a potential strategy for restoring immune balance.

Novel Biome
Your Health. Our Mission

AFTERNOON BREAK: 2:45pm – 3:30pm

3:30pm – 4:15pm – PAUL ANDERSON, N.M.D. Clinical

Considerations in Detoxification This is part-two session and a continuation of the earlier detoxification discussion. Dr. Anderson will discuss an integrated method for depuration and detoxification that can be a base to include multiple toxin – toxicant entities.

4:15pm – 5:15pm – CAROLYN MUKAI, N.D. and LYNN KLASSEN, N.D.

Case presentations and discussion: 2 case examples of assessment and treatment planning in the complex chronically ill patient with polymicrobial infections

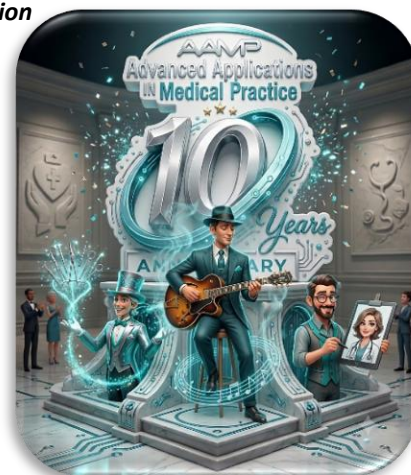
5:15pm – 6:00pm **EXPERT PANEL DISCUSSION – All Faculty**

Toxicants, Immunity, and Chronic Infections

6:00pm – 7:30pm

Evening Reception

Special 10 Year Celebration



DAY 2 AGENDA -October 3rd

REGISTRATION & BREAKFAST

Expo Hall: 7:00am - 8:00am

Morning Theme: **TOXICANTS & COMORBIDITY**

8:00am – 9:00am – PAUL ANDERSON, N.M.D.

Clinical Management of Biofilms in Chronic Infections

100% of chronic infections are complicated by biofilms to one degree or another. Appropriate intervention for the biofilm portion can be the difference between long term resolution and the never-ending cycle of treatment and reoccurrence. In this session Dr. Anderson will describe the continuum of physiologic biofilms to Phase 1 & 2 pathogenic biofilms. Their relative strength and appropriate interventions to disrupt them will be discussed.

9:00am – 10:00am – DARIN INGELS, N.D.

Diagnosis and Treatment of Parasitic Disease

Parasitic burden and illness may be one of the most poorly understood aspects of clinical microbiology and can lead to inappropriate patient management. In this lecture, Dr. Ingels will review the life cycles and diagnosis of common parasites and differentiate when a parasite is benign or pathological. He will also discuss current conventional and naturopathic treatment regimens to reduce parasitic load.

MORNING BREAK: 10:00am – 10:45am

10:45am – 12:15pm – CAROLYN MUKAI, N.D. and LYNN KLASSEN, N.D.

Case presentation and discussion: How infections and exposure can influence comorbid conditions: hypermobile spectrum disorders, MCAS, and dysautonomia.

12:15pm – 12:30pm – JEREMY PHILLIPS

AAMP – A Special Presentation

LUNCH BREAK: 12:30pm – 1:45pm

Afternoon Theme: **CLINICAL MANAGEMENT IN COMPLEX ILLNESS**

1:45pm – 2:15pm – DENNIS HOOPER, M.D., Ph.D.

Evolving Interpretation and Understanding of Autoimmune Mechanisms and New Therapeutic Strategies of Autoimmune Disorders (non-CME)

After the talk, you will better understand:

- Common epidemiology and immune dysregulation
- Genetic factors and environmental triggers
- Molecular signaling pathways related with autoimmune disorders



SILVER GENE

2:15pm – 2:45pm – TAPLEY HOLLAND, Ph.D.

Communication-Driven Physiology: Rethinking Therapeutic Responsiveness:

Why do patients with similar diagnoses often respond differently to the same biologic therapy? (Non-CME)  This presentation introduces a communication-driven model of cellular physiology in which extracellular communication shapes adaptive state selection, intracellular behavior, chronic disease persistence, and therapeutic responsiveness.

AFTERNOON BREAK: 2:45pm – 3:30pm

3:30pm – 4:30pm – NAFYSA PARPIA, N.D.

Case Management in Complex Chronic Illness Part – 1

In this two-part presentation Dr. Parpia will present complex chronic illness cases and take the listener through their management. A discussion of levels of diagnostics required, initial therapies, and how to course correct when the case stalls or aggravates will occur. The goal of this two-part session is to give real life clinical examples in complex cases across a spectrum of difficulty.

4:30pm – 5:00pm – PAUL ANDERSON, N.M.D.

“Die-Off” and Treatment Reactions – Lessons Learned

In this brief session Dr. Anderson will look at the various mechanisms of die-off and other treatment reactions and the most common interventions needed. A discussion of prevention and mitigation of such reactions will also be included.

5:00pm – 5:45pm

EXPERT PANEL DISCUSSION – All Faculty Complex Chronic Illness- Clinical Discussion

6:00pm – 7:30pm Evening Demonstration, Hors d'oeuvres & Interactive Workshops

Enjoy a progressive dinner. Appetizer in session 1, main course in session 2 and dessert in session 3.



DAY 3 AGENDA -October 4th

REGISTRATION & BREAKFAST

Expo Hall: 7:15am - 8:15am

Morning Theme: WHEN THE IMMUNE SYSTEM LOSES ITS WAY

8:15am – 9:15am – PAUL ANDERSON, N.M.D.

Blood Filtration & Removal Modalities

In this session Dr. Anderson will discuss “filtration modalities”. The apheresis modalities (therapeutic plasma exchange / TPE, Inusphresis, adsorption etc.), EBOO, and therapeutic blood and plasma donation. In the modern world of complex chronic illness these seemingly “high force” modalities are more and more needed. A comparison and contrasting discussion of these modalities will be given.

9:15am – 10:15am – NAFYSA PARPIA, N.D.

Case Management in Complex Chronic Illness Part - 2

In part two of this session Dr. Parpia will present additional complex chronic illness cases and their management. A discussion of levels of diagnostics required, initial therapies, and how to course correct when the case stalls or aggravates will occur. The goal of this two-part session is to give real life clinical examples in complex cases across a spectrum of difficulty.

MORNING BREAK: 10:15am – 11:00am

11:00am – 12:00pm – DARIN INGELS, N.D.

Mold, Mycotoxins and Immune Dysregulation

Patients with chronic illness and persistent infection often have underlying toxicity that impairs the natural ability to heal. Exposure to mold and mycotoxins can undermine the immune system, making it more difficult to manage persistent infection and may lead to various autoimmune conditions. In this lecture, Dr. Ingels will review the role of mold and mycotoxins impact on the immune system and strategies to modulate the immune system.

LUNCH BREAK: 12:00pm – 1:15pm

Afternoon Theme: CASE DISCUSSIONS

1:15pm – 2:15pm – CAROLYN MUKAI, N.D. and LYNN KLASSEN, N.D.

Case presentation and discussion: The infection to autoimmune spectrum: a case of multiple tick exposures, vector borne infections, and development of psoriatic arthritis in HLAB27 positive patient

2:15pm – 3:15pm – CAROLYN MUKAI, N.D. and LYNN KLASSEN, N.D.

Case presentation and discussion PANDAS, PANS, and the Expanding Landscape of Infection related Neuroimmune Syndromes

BRIEF COMFORT BREAK: 3:15pm – 3:30pm

3:30pm – 4:00pm – PAUL ANDERSON, N.M.D.
Summative Thoughts to Bring Things Together

In this brief, but pithy, final session Dr. Anderson will provide a therapeutic outline to give structure to the assessment of and intervention in complex chronic cases. A general order of operations and structure for case aggravation will be discussed.

4:00pm – 4:30pm

EXPERT PANEL DISCUSSION – All Faculty Answering Your Clinical Questions

4:30pm Closing Remarks & Adjourn

THANKS TO OUR SPONSORED SPEAKERS

PLATINUM



Karleen Sickinger, N.M.D.



Dennis Hooper, M.D., Ph.D.



Tapley Holland, Ph.D.



Shaina Cahill, Ph.D.

GOLD



Andrew Campbell, M.D.



Jessica Maloh, N.D.



Michael Newton



Dr. Hannibal Miles

LEARNING LOUNGE



Hans Vink, Ph.D.



Nicole Brown



Jason Bachewich, N.D.