

Symposium Program

Thursday, June 13, 2019

6:30 PM - 9:30 PM

Dinner for Conference Participants at Equinox Restaurant
818 Connecticut Ave, NW, Washington, D.C.

Friday, June 14, 2019

Plenary Sessions / Morning Program: Diagnoses / Georgetown Conference Center

7:00 AM - 8:00 AM

Breakfast at the Georgetown Conference Center Faculty Club

8:00 AM - 8:30 AM

Welcome and Overview

Dr. Gary Kaplan, DO, Director of the Kaplan Center for Integrative Medicine, McLean VA, a Clinical Associate Professor in the Department of Community and Family Medicine at Georgetown University School of Medicine, and President of the Foundation for Total Recovery, whose mission is to study and identify a cure for neuroinflammation.

8:30 AM - 9:00 AM

Overview of Autoimmunity

Joseph Bellanti, MD, Established and directed the International Center for Interdisciplinary Studies of Immunology at Georgetown University Medical Center, and later directed the Division of Allergy-Immunology, Department of Pediatrics, and the Division of Virology and Immunology.

9:00 AM - 9:30 AM

PANS: Immunologic, Metabolic, or Both?

Richard Frye, MD, PhD, MS, Autism Researcher and Associate Professor at Arizona Children's Hospital in Phoenix, AZ. Dr. Frye's recent research focuses on the potential environmental causes of autism.

9:30 AM - 10:00 AM

Mast Cell Activation Syndrome as an Initiator of Autoimmunity

Dr. Tania Dempsey, MD, Armonk Integrative Medicine, Purchase, NY, specializing in autoimmune disease, mast cell activation syndrome (MCAS) and chronic illness.

10:00 AM - 10:15 AM

Break

10:00 AM - 10:15 AM

Infection-induced autoimmune encephalopathy and polyneuropathy resulting from tick-borne infections as well as Beta Strep Group A and Mycoplasma pneumoniae and Autism of infectious origin associated with hyper-immune inflammatory state.

Charles Ray Jones, MD, Known as the world's leading pediatric specialist on Lyme Disease, he has treated over 15,000 children and adolescents with Lyme and other tick-borne diseases. His office is located in New Haven, CT.

10:45 AM - 11:15 AM

Lyme Disease and Autoimmune Encephalopathy

Dan Kinderlehrer, MD, A nationally recognized physician with expertise in the fields of nutrition, allergy, environmental medicine, and Lyme disease, he has co-authored [Lyme: The History, Diagnosis, and Treatment of Tick-Borne Infections](#), a 500 page text, to be released in March, 2020. His medical practice is located in Denver, CO.

11:15 AM - 11:45 AM

The Psychoimmunology of Lyme and Associated Diseases

Robert C. Bransfield, MD, Clinical Associate Professor of Psychiatry at the Robert Wood Johnson UMDJJ Medical School and President International Lyme and Associated Diseases Educational Foundation, Red Bank, NJ.

- 11:45 AM - 12:15 PM **Autoantibodies Against G-Protein Coupled Receptors: A New Class of Biomarkers**
Dr. Kai Schulze-Forster, PhD, studied Pharmacy at the Free University Berlin and wrote his PhD thesis in molecular genetics at the Robert-Koch-Institute in Berlin. In 1998 he co-founded the biotech company CellTrend GmbH with Harald Heidecke.
- 12:15 PM - 1:15 PM **Lunch at the Georgetown Conference Center Faculty Club**
- Afternoon Program: Biomarkers**
- 1:15 PM - 1:45 PM **Biomarkers in Mast Cell Activation Syndrome and Treatment Options**
Dr. Tania Dempsey, MD, Armonk Integrative Medicine New Haven, CT, specializing in autoimmune disease, mast-cell activation syndrome (MCAS), and chronic illness.
- 1:45 PM - 2:15 PM **Treatment of Autoimmune Encephalopathy associated with Lyme Disease**
Dan Kinderlehrer, MD, A nationally recognized physician with expertise in the fields of nutrition, allergy, environmental medicine, and Lyme disease, he has co-authored Lyme: The History, Diagnosis, and Treatment of Tick-Borne Infections, a 500 page text, to be released in March, 2020. His medical practice is located in Denver, CO.
- 2:15 PM - 2:45 PM **A Biological Basis for Antineuronal Antibody Targets in the Basal Ganglia: Autoantibody Biomarkers and their Association with Symptoms in Chronic Neuropsychiatric and Behavioral Disorders**
Craig Shimasaki, PhD, MBA, As a scientist, businessperson, and serial entrepreneur with over 31 years of biotechnology-industry experience, he has co-founded four companies and serves as President & CEO of Moleculera Labs, which focuses on autoimmune neurobiology clinical laboratory testing. His research and development work included epitope mapping for an HIV vaccine, SNP-based genetic breast cancer risk-prediction biomarkers, a rapid influenza diagnostic, and therapeutic and biologic products for infectious and neuropsychiatric diseases.
- 2:45 PM - 3:15 PM **GPCR-Autoantibodies in Postural orthostatic tachycardia syndrome (POTS) and Myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS)**
Dr. Kai Schulze-Forster, PhD, studied Pharmacy at the Free University Berlin and wrote his PhD thesis in molecular genetics at the Robert-Koch-Institute in Berlin. In 1998 he co-founded the biotech company CellTrend GmbH with Harald Heidecke.
- 3:15 PM - 3:30 PM **Break**
- 3:30 PM - 4:00 PM **A Quest for Biomarkers of Complex Diseases: The Phylomics Approach**
Hakima Amri, PhD, A Professor in the Department of Biochemistry and Cellular and Molecular Biology and the Division of Integrative Physiology at Georgetown University School of Medicine. Her research is introducing a novel, systems biology-based paradigm for diagnosing, treating, assessing treatment, and discovering biomarkers using genomics, proteomics, and metabolomics data and parsimony phylogenetics.
- 4:00 PM - 4:30 PM **Potential Biomarkers for Autoimmune Encephalopathy**
Michael D. Lumpkin, PhD, A professor at Georgetown School of Medicine, his physiology laboratory studies the regulatory relationships between the brain, endocrine glands, and the immune cells of the body. He examines how stressors such as infectious agents (HIV), neuropeptides, stress hormones, and emotional trauma disrupt the brain-hormone systems that govern metabolism, and immunity, thereby causing chronic disease.
- 4:30 PM - 4:45 PM **Focus-Group Planning Sessions for Day 2 of Symposium**
- 4:45 PM - 5:30 PM **Q & A**

6:30 PM - 7:00 PM **Wine & Cheese Reception at the Georgetown Conference Center Faculty Club**

7:00 PM - 9:00 PM **Dinner at the Georgetown Conference Center Faculty Club**

Saturday, June 15, 2019 Breakout Sessions/ Working Group

7:00 AM - 8:00 AM **Breakfast at the Georgetown Conference Center Faculty Club**

8:00 AM - 1:00 PM **Focus-group Discussions on Developing a White Paper on Autoimmune Encephalopathy – Salon E**

8:00 AM - 8:15 AM **Introduction to Break-out Discussion Topics and Groups**
Dr. Gary Kaplan, DO

8:15 AM - 10:00 AM Participants may choose to participate in any group discussion:

- **Epidemiology, Definitions, ICD 10, Clinical Criteria – Salon E**
Discussion led by Dr. Robert Bransfield
- **Treatment Options: Known, Proven, Prospective – Room 5**
Discussion led by Dr. Tania Dempsey
- **Biomarkers, Research, Future Directions – Room 6**
Discussion led by Dr. Hakima Amri and Dr. Michael Lumpkin

10:00 AM - 10:15 AM **Break**

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12:45 AM - 1:00 PM **Concluding Statements, Conference Follow-up, and Plans for Writing and Publishing a White Paper**
Dr. Gary Kaplan, DO