

# 33rd Annual Meeting 2020

## Virtual Program

Below are the dates and times of the AMLI Virtual Program 2020. This meeting will be presented live via GoToSeminar, with Q & A for each session. The sessions will also be recorded and placed on a special “Registrant’s Only” site on AMLI.org for viewing by those who could not attend one of the Virtual Sessions. A total of 16 CME credits will be available for both options. Three CME credits will be available for each Plenary Session at which all lectures are attended. One credit will be available for the Neter lecture. A total of sixteen (16) credits are available for the entire meeting.

**Monday, August 3, 2020**

**PLENARY SESSION 1, Part 1**

**Histocompatibility Testing and Transplant Immunology**

**Chairs: Medhat Askar and Evan Ntrivalas**

**Lecture 1 – 2:00-2:45 pm (EDT)**

**A Coming of Age of Immunogenetics Testing in Transplantation  
and Cellular Therapy**

*Medhat Askar, M.D.*

*Baylor University Medical Center*

**Lecture 2 – 3:00-3:45 pm (EDT)**

**Milestones of Immune Reconstitution that are Predictable and Modifiable are  
Associated with Improved Transplant Outcomes**

*Susan Prockop, M.D.*

*Memorial Sloan Kettering Cancer Center*

**Exhibitor Presentation – 4:00-5:00 pm (EDT)**

**Eagle Biosciences, Inc.**

**Population-wide Mapping of T cell Epitopes, Responses and Immunodominance  
Against Emerging Infectious Diseases (EID); an Interpandemic Preparedness  
and Response Applicable to COVID-19 as well as any Future EID**

*Soren Buus, M.D.*

*University of Copenhagen and co-founder, immunAware ApS.*

**Tuesday, August 4, 2020**

**PLENARY SESSION 1, Part 2**  
**Histocompatibility Testing and Transplant Immunology**  
**Chairs: Medhat Askar and Evan Ntrivalas**

**Lecture 3 – 2:00-2:45 pm (EDT)**  
**Flow Cytometric Assays for Monitoring of Immune Cell Reconstitution after**  
**Hematopoietic Stem Cell Transplantation**  
*Evan Ntrivalas, M.D., Ph.D.*  
*Memorial Sloan Kettering Cancer Center*

**Lecture 4 – 3:00-3:45 pm (EDT)**  
**Toward Functional Immune Monitoring**  
**in Allogeneic Stem Cell Transplant Recipients**  
*Swati Naik, MBBS*  
*Texas Children’s Cancer Center, Baylor College of Medicine*

**Exhibitor Presentation – 4:00-5:00 pm (EDT)**  
**Inova Diagnostics**  
**Challenges and Opportunities of the Autoimmune Laboratory During COVID-19**  
*Marvin J. Fritzler, Ph.D., M.D. (40 minutes)*  
*Cumming School of Medicine, MitogenDx, University of Calgary*

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**New Trends in Autoimmune Diagnostics**  
*Michael Mahler, Ph.D. (20 minutes)*  
*Inova Diagnostics*

**Tuesday, August 11, 2020**

**PLENARY SESSION 2, Part 1**  
**Case Studies**  
**Chair: Eric Weimer**

**Case Study 1 – 2:00-2:45 pm (EDT)**  
**Acquired Immune Defects and Chronic Infections – Laboratory Investigations**  
*Vijaya Knight, M.D., Ph.D., (D)ABMLI*  
*University of Colorado School of Medicine and Children’s Hospital, Colorado*

**Case Study 2 – 3:00-3:45 pm (EDT)**  
**A Case of COVID-19? To be Determined by Serology ...**  
*Caleb Cornaby, Ph.D., MB(ASCP)<sup>cm</sup>*  
*UNC Health*

**Neter Award Lecture – 4:00-5:00 pm (EDT)**  
**AMLI and Clinical Laboratory Immunology from  
AIDS in the 1980s to SARS-Co-V-2 in the 2020s**  
*Thomas S. Alexander, Ph.D., D(ABMLI)*  
*FlowMetric Diagnostics and Summit Pathology*

**Wednesday, August 12, 2020**

**PLENARY SESSION 2, Part 2**

**Case Studies**  
**Chair: Eric Weimer**

**Case Study 3 – 2:00-2:45 pm (EDT)**  
**A Case of Aberrant CD8 T Cell-restricted IL-7 Signaling with a Janus Kinase 3 Defect-  
associated Atypical Severe Combined Immunodeficiency**  
*Aaruni Khanolkar, MBBS, Ph.D., D(ABMLI)*  
*Feinberg School of Medicine at Northwestern University*

**Case Study 4 – 3:00-3:45 pm (EDT)**  
**An Interesting Case of ... COVID-19?**  
*Matthew Sims, M.D., Ph.D., FACP, FIDSA*  
*Beaumont Research Institute*

**Exhibitor Presentation by Euroimmun US – 4:00-5:00 pm (EDT)**

**Primary Membranous Nephropathy: Antibody-based Diagnosis,  
Prognosis, and Disease Monitoring**  
**Stanley Naides, M.D.**  
**Director of Scientific Affairs, Euroimmun**

**Sunday, August 16, 2020**

**PLENARY SESSION 3, Part 1**

**Secondary Immunodeficiency and Immunotherapy Monitoring**

**Chairs: Amir A. Sadighi Akha, Sara Nandiwada and Vijaya Knight**

**Lecture 1 – 2:00-2:45 pm (EDT)**

**Nurture Overwhelming Nature: An Overview of Secondary Immunodeficiency States**

*Cullen M. Dutmer, M.D.*

*University of Colorado School of Medicine and Children's Hospital Colorado*

**Lecture 2 – 3:00-3:45 pm (EDT)**

**Secondary Immunodeficiency Due to Malignancy**

*Sameer A. Parikh, MBBS*

*Mayo Clinic*

**Exhibitor Presentation – 4:00-5:00 pm (EDT)**

**Monday, August 17, 2020**

**PLENARY SESSION 3, Part 2**

**Secondary Immunodeficiency and Immunotherapy Monitoring**

**Chairs: Amir A. Sadighi Akha, Sara Nandiwada and Vijaya Knight**

**Lecture 3 – 2:00-2:45 pm (EDT)**

**Immunodeficiency Secondary to Infectious Diseases**

*Thomas G. Boyce, M.D., MPH*

*Marshfield Clinic*

**Lecture 4 – 3:00-3:45 pm (EDT)**

**Consequences of Therapeutic Immune Suppression: Recognition and Monitoring**

*Tiphonie P. Vogel, M.D., Ph.D.*

*Texas Children's Hospital*

**Exhibitor Presentation – 4:00-5:00 pm (EDT)**

**Buhlmann Diagnostics Corp.**

**The Latest on IBD Care Utilizing Fecal Calprotectin  
and Therapeutic Drug Monitoring**

*Arne Roseth, M.D., Ph.D.*

*Lovisenberg Hospital, Oslo Norway*



**Sunday, August 30, 2020**

**PLENARY SESSION 5, Part 1**  
**Emerging Infectious Diseases and New Algorithms for Testing HIV, LYME,**  
**etc. Chairs: Stanley Naides and Melissa Snyder**

**Lecture 1 – 2:00-2:45 pm (EDT)**  
**Modified Two-Tiered Serological Testing For Lyme Disease**  
*William Lee, Ph.D.*  
*New York State Department of Health*

**Lecture 2 – 3:00-3:45 pm (EDT)**  
**Tick-borne Infections – Beyond Lyme Disease**  
*Elitza S. Theel, Ph.D., D(ABMM)*  
*Mayo Clinic*

**Poster Presentations – 4:00-5:00 pm (EDT)**

**Monday, August 31, 2020**

**PLENARY SESSION 5, Part 2**  
**Emerging Infectious Diseases and New Algorithms for Testing HIV, LYME,**  
**etc. Chairs: Stanley Naides and Melissa Snyder**

**Lecture 3 – 2:00-2:45 pm (EDT)**  
**Emerging Arbovirus Disease: Chikungunya, Mayaro Virus and**  
**Oropouche Virus, and Powassan Virus**  
*Aileen Chang, M.D., MSPH*  
*George Washington University*

**Lecture 4 – 3:00-3:45 pm (EDT)**  
**An Update on Endemic Mosquito-Borne Viruses in the U.S.**  
*Alexander Ciota, Ph.D.*  
*New York State Department of Health*

**Exhibitor Presentation – 4:00-5:00 pm (EDT)**

**Viralab Inc.**

**Lyme Borreliosis Update – Stage Dependent Antibody Detection by Protein Microarray**  
**ViraChip Technology**  
*Martin Kintrup Ph.D.*  
*President, Viralab Inc.*

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