2018 ACLPS Annual Meeting
Houston Methodist Hospital and Research Institute
and Texas Medical Center Marriott
Houston, Texas
May 31st – June 2nd

THURSDAY, MAY 31ST

Texas Medical Center Marriott, 3rd Floor

7:00 AM–5:00 PM  Meeting Registration & Materials Pickup

John F. Bookout Auditorium, HM Research Institute

7:00 AM–8:00 AM  Continental Breakfast

8:00–8:10 AM  Welcome and Opening Remarks
James M. Musser, MD, PhD, Chair, Department of Pathology and Genomic Medicine

Clinical Informatics and Analytics

8:10–8:15  Welcome and Session Overview
S. Wesley Long, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

8:15–8:50  Hidden Dangers of Barcodes for General Laboratory Use and Blood Banks and How to Avoid Them
Alexis B. Carter, MD, FCAP, FASCP, Department of Pathology and Laboratory Medicine, Children’s Healthcare of Atlanta, Atlanta

8:50–9:25  Clinical Analytics and Laboratory Test Stewardship
Ila Singh, MD, PhD, Department of Pathology, Texas Children’s Hospital, Houston

9:25–10:00  Challenges and Opportunities in Pathology Informatics
S. Wesley Long, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

10:00–10:15  Break

10:15–10:50  Clinical Laboratory Informatics: Building an Infrastructure for Improving Quality and Enhancing Value
Anand Dighe, MD, PhD, Department of Pathology, Massachusetts General Hospital, Boston

10:50–11:30  Choose Your LIS Wisely
Panel discussion on deciding which LIS is right for your institution as options and test complexity increase
Featuring: Greg Buffone, PhD, DABCC, Texas Children’s Hospital, and others
Texas Medical Center Marriott, 3rd Floor, Ballroom

11:30 – 12:45 PM Buffet Lunch

Boardroom, HM Research Institute

11:30 AM – 1:00 PM Executive Council Meeting and Lunch

John F. Bookout Auditorium, HM Research Institute

Molecular Diagnostics

1:00 – 1:05 PM Welcome and Session Overview
Jessica Thomas, MD, PhD, MPH, Department of Pathology and Genomic Medicine, Houston Methodist Hospital

1:05 – 1:40 PM Improved Screening for Cancer Predisposition Mutations In Patients with Advanced Solid Tumors Enabled By Tumor-Normal Sequencing
Diana Mandelker, MD, PhD, Department of Pathology, Memorial Sloan Kettering Cancer Center, New York

1:40 – 2:15 PM Sequencing-Based Measurable Residual Disease Monitoring in Myeloid Malignancies
Eric J. Duncavage, MD, Department of Pathology and Immunology, Washington University, St. Louis

2:15 – 2:50 PM Utility and Applications of RNA sequencing in the Clinical Genomics of Childhood Solid Tumors
Angshumoy Roy, MD, PhD, Department of Pathology, Texas Children’s Hospital and Baylor College of Medicine, Houston

2:50 – 3:25 PM Current Opportunities/Challenges with Measurable Residual Disease Detection in Acute Lymphoblastic Leukemias by Next Generation Sequencing
David Wu, MD, PhD, Department of Laboratory Medicine, University of Washington, Seattle

3:25 – 3:45 PM Break

3:45 – 3:50 PM Introduction: Strandjord Young Investigator Research Grant Awardees
Jon Genzen, MD, PhD, Secretary-Treasurer, ACLPS

3:50 – 4:10 PM Aptamer-Based Platelet Serotonin Release Assay for Rapid Diagnosis of Heparin-Induced Thrombocytopenia
Alexander Lyashchenko, MD, PhD, Department of Pathology, Columbia University, New York

4:10 – 4:30 PM Characterization of the Male Urinary Microbiome
Melanie Yarbrough, PhD, Department of Pathology and Immunology, Washington University School of Medicine, St. Louis
Improvement of Red Blood Cell Exchange in Sickle Cell Disease by Targeting the Densest Red Blood Cells
Suzanne Thibodeaux, MD, PhD, Department of Pathology and Immunology, Washington University School of Medicine, St. Louis

Third Coast, McGovern Commons
6:30 – 8:30 PM Welcome Reception and Sponsor Exhibits

FRIDAY, JUNE 1
Texas Medical Center Marriott, 3rd Floor
7:00 AM – 5:00 PM Meeting Registration
7:00 – 8:00 AM Continental Breakfast
8:00 AM – 12:30 PM Oral Presentations and Poster Viewing
8:00 – 9:30 AM Young Investigator Oral Presentations I
9:30 – 11:00 AM Poster Presentations and Snacks (Marriott Ballroom)
11:00 – 12:30 PM Young Investigator Oral Presentations II

Texas Medical Center Marriott, 3rd floor Ballroom
12:30 – 1:30 PM Lunch & Business Meeting

John F. Bookout Auditorium, HM Research Institute
Clinical Microbiology
1:40 – 1:45 Welcome and Session Overview
Randy Olsen, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

1:45 – 2:20 Molecular Approaches to Diagnosing Pediatric Infections
Jennifer Dien Bard, PhD, D(ABMM), F(CCM), Department of Pathology and Laboratory Medicine, Children’s Hospital Los Angeles, Los Angeles

2:20 – 2:55 Total Laboratory Automation in Clinical Microbiology
Carey-Ann Burnham, PhD, D(ABMM), FIDSA, F(AAM), Department of Pathology and Immunology, Washington University School of Medicine, St. Louis
Whole Genome Sequencing of Microbes in the Clinical Laboratory  
Randy Olsen, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

Break

The Potential Impact of Rapid Phenotypic Susceptibilities on Management of Patients with Gram-negative Sepsis  
Paula Revell, PhD, Department of Pathology, Texas Children’s Hospital, Houston

Ernest Cotlove Award and Lecture 
Genetic Options for Reproduction in the Genomic Era  
Arthur Beaudet, MD, Henry and Emma Meyer Chair and Professor, Molecular and Human Genetics, Baylor College of Medicine

ACLPS 2019: Highlights and Coming Attractions  
Department of Pathology, University of Utah, Salt Lake City, May 30–June 1, 2019
Elizabeth Frank, PhD, DABCC, and Jonathan Genzen, MD, PhD

Marriott Valet/Dryden Pick Up

Board shuttles to Houston Museum of Natural Science  
(First shuttle leaves at 6:00 PM, last shuttle leaves at 6:30; shuttles will begin returning to the Marriott at 8:30)

Awards Banquet at Houston Museum of Natural Science Wiess Energy Hall

SATURDAY, JUNE 2

Texas Medical Center Marriott, 3nd Floor

7:00 – 8:00 Continental Breakfast

John F. Bookout Auditorium, HM Research Institute

Transfusion Medicine

Welcome and Session Overview  
David Bernard, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

Cases at the Interface between the Transfusion Medicine Service and the Coagulation Lab  
Eric Salazar, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

Extracorporeal Life Support – Lab Role in Preventing Thrombosis and Bleeding  
Wayne Chandler, MD, Department of Pathology, Seattle Children’s Hospital, Seattle
9:30 – 10:05  Keeping the Blood Flowing: Maintaining an Adequate Blood Supply in Challenging Situations
Barbara Bryant, MD, FCAP, FASCP, Department of Pathology, University of Texas Medical Branch, Galveston

10:05 – 10:20  Break

10:20 – 10:55  Postpartum Hemorrhage and the Massive Transfusion Protocol: Improving Patient Care from the Lab
Lisa Hensch, MD, Department of Pathology, Texas Children’s Hospital, Houston

10:55 – 11:45  Benson Award and Lecture
Transfusion Medicine-Related Perturbations to Systemic Iron Homeostasis
Eldad A. Hod, MD, Department of Pathology and Cell Biology, Columbia University Vagelos College of Physicians and Surgeons, New York

11:45 – 12:00  Concluding Remarks

12:00 PM  Meeting adjourned

Boardroom, HM Research Institute

12:15 – 2:00 PM  Executive Council Meeting and Lunch