Program

General Session Room is Val Verde

Friday, September 27, 2019

12:30 PM - 1:30 PM  Lunch with the Faculty
                     Vineyard Restaurant

General Session 1

1:45 PM  Welcome Remarks
         Alexander Wiseman, MD and Leonardo Riella, MD, PhD

1:50 PM  Introduction to the AST
         Emily Blumberg, MD, FAST – AST President

2:00 PM  Epidemiology of Organ Donation: Current Status and Challenges
         Deirdre Sawinski, MD, FAST

2:15 PM  Living Donor Issues
         John Gill, MD, MS and Andrew Adams, MD, PhD

2:45 PM  Q/A: Living Donation Controversies

3:00 PM  Break

3:10 PM  Ischemia Reperfusion Injury
         Robert Fairchild, PhD

3:25 PM  Deceased Donor Management and Organ Preservation: Who does it best?
          Kidney Preservation, Liver Perfusion, Ex Vivo Lung
          Roslyn Mannon, MD, FASN, FAST, Josh Levitsky, MD, and Jeffrey Edelman, MD

3:40 PM  Public Health Service (PHS) Increased Risk and HCV Positive Donors
          Marian Michaels, MD, MPH

3:55 PM  Overview of Current Allocation by Organ: How can we increase deceased donor utilization?
          Nicole Turgeon MD, Josh Levitsky, MD, Mary Jane Farr, MD, MSc, and Jeffrey Edelman, MD

4:20 PM – 4:35 PM  Break
Breakout Session 1

Choose one of five options

4:35 PM – 6:05 PM  Organ Specific Breakouts: Matching the Patient to the Donor
Challenging Cases Related to Transplant Candidate Selection, Organ Allocation/UNOS Policy, Donor Selection, and Initial Therapeutic Consideration

Kidney/Pancreas
Nicole Turgeon, MD and Alexander Wiseman, MD
Location: International

Liver
Elizabeth Verna, MD, MS, FAST and Andrew Adams, MD, PhD
Location: Cap Rock

Heart
MaryJane Farr, MD, MSc
Location: Spicewood

Lung
Jeffrey Edelman, MD
Location: Su Vino

Pediatric
Marian Michaels, MD, MPH
Location: Ste. Genevieve

Immunosuppression Management
Christin Rogers, PharmD, FAST, FCCP, BCPS and Barrett Crowther, PharmD, BCPS, FAST
Location: Delaney

Basic/Translational Transplant Immunology Journal Club
Marisa Alegre, MD, PhD and Robert Fairchild, PhD
Location: Val Verde

6:30 PM – 7:30 PM  The Ice Breaker: Reception and Group Networking
Alexander Wiseman, MD and Leonardo Riella, MD, PhD
Location: Hilton Lawn

7:30 PM – 9:30 PM  Dinner with the Faculty
Vineyard Restaurant
Saturday, September 28, 2018
7:00 AM – 8:00 AM  Breakfast
Vineyard Restaurant

Breakfast Breakout Sessions
Grab your breakfast and choose to attend one of four optional sessions

7:00 AM – 7:45 AM  How to Negotiate your First Job: Career Advice and Networking

For Clinicians/Research
Alexander Wiseman
John Gill
Elizabeth Verna

For Basic/Translational Research
Andrew Adams
Robert Fairchild
Marisa Alegre

For Pharmacists
Christin Rogers
Barrett Crowther

For Pediatricians
Marian Michaels

John Gill
Barrett Crowther

International
Spicewood
Delaney
Ste. Genevieve

For International Attendees
Roslyn Mannon
MaryJane Farr
Su Vino

General Session 2
Immunosuppression Mechanisms, Novel Agents, and Complications
Moderators: Christin Rogers, PharmD, FAST, FCCP, BCPS and Barrett Crowther, PharmD, BCPS, FAST

8:00 AM  Overview of the Immune Response to Transplants and Immunosuppressive Targets
Leonardo Riella, MD, PhD

8:30 AM  Key Clinical Trials that Define Current Immunosuppressive Strategies
Alexander Wiseman, MD

9:00 AM  Key Clinical Trials in Heart, Lung, and Liver
MaryJane Farr, MD, MSc, Jeffrey Edelman, MD, and Josh Levitsky, MD

9:15 AM  Break

9:30 AM  New Immunosuppressive Agents: What is promising, why have others failed?
Andrew Adams MD, PhD

10:00 AM  Challenging Cases to Manage Immunosuppression
Christin Rogers, PharmD, FAST, FCCP, BCPS

10:30 AM  Break

10:45 AM  What are the next steps? The Future of Transplant Immunosuppression
Roslyn Mannon, MD, FASN, FAST
11:15 AM  Clinical Pearls in Infectious Disease Post-Transplantation  
Jay Fishman, MD

11:45 AM  Lunch  
Vineyard Restaurant

Breakout Session 2
Choose one of two options

CHOICE 1
Trailblazing: The Path from Bedside to Bench
Challenging Cases Highlighting the Link Between the Laboratory and Clinical Medicine
Location: International

12:45 PM  Genetics in Personalized Medicine  
Jayme Locke, MD, MPH, FACS, FAST and Barrett Crowther, PharmD, BCPS, FAST

1:15 PM  Immune Monitoring to Guide Personalized Immunosuppression  
Josh Levitsky, MD, and Alexander Wiseman, MD

1:45 PM  I can swing this – Can’t I? Paired Exchange versus Desensitization  
Jayme Locke, MD, MPH, FACS, FAST and Annette Jackson, PhD, D(ABHI)

CHOICE 2
Transplant Immunology Boot Camp
Location: Val Verde

12:45 PM  Basics of T cells: How They Are Activated and Their Differentiation into Effector and Regulatory T Cells  
Marisa Alegre, MD, PhD

1:15 PM  Basics of B Cells: How They Develop, Where They Go, and How They Differentiate to Become Antibody-Producing Cells  
Leonardo Riella, MD, PhD and Annette Jackson, PhD, D(ABHI)

1:45 PM  Current and Investigational Immunological Assays in Transplantation  
Robert Fairchild, PhD

2:15 PM  Break

General Session 3

2:30 PM  How to Write a Career Development Award  
Elizabeth Verna, MD, MS, FAST

3:00 PM  UNOS: How to Get Involved in Policy Making, Current Hot Topics  
Nicole Turgeon, MD
3:30 PM  Opportunities in Big Data Research: SRTR and Beyond  
John Gill, MD, MS

4:00 PM  Break

Breakout Session 3  
Choose one of two options

4:15 PM – 5:30 PM  Organ Specific Breakouts Management of Complications OR Transplant Immunology Boot Camp II  
(case-based presentations)

CHOICE 1  
Kidney  
Jayme Locke, MD, MPH, FACS, FAST and Deidre Sawinski, MD, FAST  
Location: International

Liver  
Elizabeth Verna, MD, MS, FAST and Andrew Adams, MD, PhD  
Location: Cap Rock

Heart  
MaryJane Farr, MD, MSc  
Location: Spicewood

Lung  
Jeffrey Edelman, MD  
Location: Su Vino

Infectious Disease  
Marian Michaels, MD, MPH and Jay Fishman, MD  
Location: Ste. Genevieve

Immunosuppression Management - A Focus on Patient Specific Factors Including Pharmacokinetics, Pharmacodynamics and Drug Interactions  
Christin Rogers, PharmD, FAST, FCCP, BCPS and Barrett Crowther, PharmD, BCPS, FAST  
Location: Delaney

CHOICE 2  
Transplant Immunology Boot Camp Part II  
Location: Val Verde

T cell Mechanisms of Acute Allograft Rejection  
Leonardo Riella, MD, PhD and Michael Mengel, MD

Impact of Environmental Factors in the Alloimmune Response  
Marisa Alegre, MD, PhD
Mechanisms of Chronic Allograft Rejection
Leonardo Riella, MD, PhD and Michael Mengel, MD

6:15 – 7:30 PM Fellows and Faculty Networking Recreation
Hilton Lawn

8:00 PM - 11:00 PM Texas Style Dinner and Dancing
The Austin Ranch

Sunday, September 29, 2018

7:00 AM - 7:45 AM Breakfast
Vineyard Restaurant

General Session 4

8:00 AM How Does Donor Reactive Antibody Cause Graft Injury?
Robert Fairchild, PhD

8:30 AM HLA Typing and Detection of Sensitized Patients
Annette Jackson, PhD, D(ABHI)

9:00 AM Histopathologic Features of Antibody-Mediated Rejection
Michael Mengel, MD

9:30 AM Non-adherence and Potential Interventions
Christin Rogers, PharmD, FAST, FCCP, BCPS and Elizabeth Verna, MD, MS, FAST

10:00 AM Discussion

10:15 AM Break

10:30 AM Transplant Jeopardy!
Jayme Locke, MD, MPH, FACS, FAST, Josh Levitsky, MD, Jeffrey Edelman, MD, Mary Jane Farr, MD, MSc, Marisa Alegre, MD, PhD, and Annette Jackson, PhD

11:45 AM Final Comments
Alexander Wiseman, MD and Leonardo Riella, MD, PhD

12:00 PM Adjourn