



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, MaryJane 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*

International

For Basic/Translational Research

*Andrew Adams
Robert Fairchild
Marisa Alegre*

Spicewood

For Pharmacists

*Christin Rogers
Barrett Crowther*

Delaney

For Pediatricians

Marian Michaels

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**
Jayne 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**
Jayne 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!**
Jayne Locke, MD, MPH, FACS, FAST, Josh Levitsky, MD, Jeffrey Edelman, MD, MaryJane 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