

# Program

*General Session Room is Val Verde*

## **Friday, September 28, 2018**

**11:30 AM - 12:20 PM**    **Lunch with the Faculty**  
Windfall Dining Room

### **General Session 1: It all Starts with A Donor!**

**12:25 PM**                    **Welcome Introductions**  
*Alexander Wiseman, MD and Leonardo Riella, MD, PhD*

**12:30 PM**                    **Epidemiology of Organ Donation: Current Status and Challenges**  
*Deirdre Sawinski, MD*

**12:45 PM**                    **Living Donor Issues: Kidney**  
*John Gill, MD, MS*

**1:05 PM**                     **Living Donor Issues: Liver**  
*Josh Levitsky, MD and Andrew Adams, MD, PhD*

**1:25 PM**                     **Q/A: Living Donation Controversies**

**1:40 PM**                     *Break*

**1:50 PM**                     **Ischemia Reperfusion Injury: Mechanisms and Current Medical Strategies**  
*Robert Fairchild, PhD, and Alexander Wiseman, MD*

**2:10 PM**                     **Deceased Donor Management and Organ Preservation**  
***Kidney Preservation, Ex Vivo Lung, Liver Perfusion***  
*Alexander Wiseman, MD, Josh Levitsky, MD, and Debbie Levine, MD*

**2:40 PM**                     **Public Health Service (PHS) Increased Risk, HIV, and HCV Positive Donors**  
*Marian Michaels, MD, MPH*

**3:00 PM**                     **Panel Discussion: Overview of Current Allocation by Organ: How can we increase deceased donor utilization?**  
*Jayme Locke, MD, MPH, FACS, FAST, Josh Levitsky, MD, MaryJane Farr, MD, Debbie Levine, MD*

**3:30 PM - 3:45 PM**        *Break*

### **Breakout Session I**

*Choose one of five options*

**3:45 PM - 5:15 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 Considerations**

**Kidney**

*Kenneth Newell, MD, PhD and Alexander Wiseman, MD*

Location: International

**Liver**

*Jennifer Lai, MD, MBA and Andrew Adams, MD, PhD*

Location: Cap Rock

**Heart**

*MaryJane Farr, MD*

Location: Spicewood

**Lung**

*Debbie Levine, MD*

Location: Su Vino

**Pediatric**

*Marian Michaels, MD, MPH*

Location: Ste. Genevieve

**Immunosuppression Management**

*Christin Rogers, PharmD, FAST, FCCP, BCPS and Timothy Horwedel, PharmD, BCPS*

Location: Delaney

**5:15 PM – 6:00 PM**

**Break**

**6:00 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 - 10:00 PM**

**Dinner with the Faculty**

Windfall Dining Room

**Saturday, September 29, 2018**

**7:00 AM – 8:00 AM**

**Breakfast**

Windfall Dining Room

**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*

*Jennifer Lai*

International

***For Basic/Translational Research***

*Andrew Adams*

*Robert Fairchild*

*Ronald Gill*

Spicewood

***For Pharmacists***

*Christin Rogers*

*Timothy Horwedel*

Delaney

***For Pediatricians***

*Marian Michaels*

Ste. Genevieve

**General Session 2:  
Career Development**

**8:00-8:20 AM**

**The AST and You: Opportunities for Career Development and Involvement**

**“Networking for your future”**

*Ronald Gill, PhD*

- 8:20-8:35 AM**      **Introduction to the CTOT and the ITN**  
*Kenneth Newell, MD, PhD and Andrew Adams, MD, PhD*
- 8:35-9:00 AM**      **Journal Club - CTOT-09 Tac withdrawal**  
*Kenneth Newell, MD, PhD*
- 9:00-9:25 AM**      **Clinical Trials and Interacting with Pharma: An Industry Perspective**  
*Ulf Meier-Kreische, MD*
- 9:25-9:50 AM**      **What are the elements of a successful research project?**  
*John Gill, MD, MS and Robert Fairchild, PhD*
- 9:50-10:10 AM**      **How to Write a Career Development Award**  
*Jennifer Lai, MD, MBA*
- 10:10-10:20 AM**      **Break**

**Breakout Session II**

*Choose one of two options*

**10:20 AM – 11:50 AM**

**CHOICE 1**

- 10:20 AM**      **Trailblazing: The Path from Bedside to Bench**  
**Challenging Cases Highlighting the link between the Laboratory and Clinical Medicine**  
**Location: International**
- 10:20 AM – 10:50 AM**      **Genetics in Personalized Medicine**  
*Timothy Horwedel, PharmD, BCPS, and Jayme Locke, MD, MPH, FACS, FAST*
- 10:50 AM -11:20 AM**      **Using Diagnostics to Define Personalized Therapeutics (Immunosuppression Management)**  
*Josh Levitsky, MD and Kenneth Newell, MD, PhD*
- 11:20 AM – 11:50 AM**      **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**
- 10:20 AM**      **T Cell Activation & Functional Development**  
*Ronald Gill, PhD*
- 10:50 AM**      **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)*
- 11:20 AM**      **Clinical Assays of T Cell Function**  
*Robert Fairchild, PhD*
- 11:50 AM – 12:30 PM**      **Lunch**  
Windfall Dining Room

### General Session 3

- 12:30 PM – 3:50 PM**      **Immunosuppression Mechanisms, Novel Agents, and Complications**  
*Moderator: Christin Rogers, PharmD, FAST, FCCP, BCP and Timothy Horwedel, PharmD, BCPS*
- 12:30 PM**                      **Overview of the Immune Response to Transplants and Immunosuppressive Targets**  
*Leonardo Riella, MD, PhD*
- 1:00 PM**                        **Key Clinical Trials that Define Current Immunosuppressive Strategies**  
*Alexander Wiseman, MD*
- 1:30 PM**                        **New immunosuppressive agents: what is promising, why have others failed?**  
*Andrew Adams MD, PhD*
- 1:50-2:05 PM**                **Break**
- 2:05 PM**                        **Malignancy and Transplant**  
*John Gill, MD, MS and Andrew Adams, MD, PhD*
- 2:35 PM**                        **The Clinical Magnitude of CMV: Different risks for different transplants, new strategies**  
*Jay Fishman, MD*
- 3:05 PM**                        **Renal Dysfunction in Non-Kidney Organ Transplants: Liver, Heart, Lung**  
*Deidre Sawinski, MD, Debbie Levine, MD and Josh Levitsky, MD*
- 3:35 PM**                        **Discussion**
- 3:50-4:00PM**                **Break**

### Breakout Session 3

*Choose one of two options*

- 4:00 PM - 5:30 PM**      **Organ Specific Breakouts Management of Complications OR  
Transplant Immunology Boot Camp II (case based presentations)**

#### **Choice 1**

##### **Kidney**

*Jayne Locke, MD, MPH, FACS, FAST and Deidre Sawinski, MD*

Location: International

##### **Liver**

*Jennifer Lai, MD, MBA and Andrew Adams, MD, PhD*

Location: Cap Rock

##### **Heart**

*MaryJane Farr, MD*

Location: Spicewood

##### **Lung**

*Debbie Levine, MD*

Location: Su Vino

### **Pediatric/Infections**

*Marian Michaels, MD, MPH*

Location: Ste. Genevieve

### **Immunosuppression Management- A Focus on Patient Specific Factors Including Pharmacokinetics, Pharmacodynamics and Drug Interactions**

*Christin Rogers, PharmD, FAST, FCCP, BCPS and Timothy Horwedel, PharmD, BCPS*

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*

Infection and Alloimmunity

*Jay Fishman, MD*

Mechanisms of Chronic Allograft Rejection

*Leonardo Riella, MD, PhD and Michael Mengel, MD*

**6:00 PM – 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 30, 2018**

**7:00 AM - 8:00 AM**

**Breakfast**

Windfall Dining Room

### **General Session 4 Val Verde**

**8:30 AM – 12:00 PM**      **Antibody-Mediated Rejection**

**8:30 AM**

**How Does Donor Reactive Antibody Cause Graft Injury?**

*Robert Fairchild, PhD*

**9:00 AM**

**HLA Typing and Detection of Sensitized Patients**

*Annette Jackson, PhD, D(ABHI)*

**9:30 AM**

**Histopathologic Features of Antibody-Mediated Rejection**

*Michael Mengel, MD*

**10:00 AM**

Discussion

**10:15 AM**

Break

**10:30 AM**

**Non-adherence and Potential Interventions**

*Christin Rogers, PharmD, FAST, FCCP, BCPS and Jennifer Lai, MD, MBA*

**11:00 AM**

**Management of DSA Across all Organ Transplants: Kidney, Liver, Lung, Heart**

*Jayne Locke, MD, MPH, FACS, FAST, Josh Levitsky, MD, Debbie Levine, MD, MaryJane Farr, MD*

**11:45 AM**

**Final Comments**

*Alexander Wiseman, MD and Leonardo Riella, MD, PhD*

**12:00 PM**

Adjourn