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

For Basic/Translational Research
Andrew Adams
Robert Fairchild
Ronald Gill

For Pharmacists
Christin Rogers
Timothy Horwedel

For Pediatricians
Marian Michaels

International
Spicewood
Delaney
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*

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:20-8:35 AM</td>
<td>Introduction to the CTOT and the ITN</td>
<td>Kenneth Newell, MD, PhD and Andrew Adams, MD, PhD</td>
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<tr>
<td>8:35-9:00 AM</td>
<td>Journal Club - CTOT-09 Tac withdrawal</td>
<td>Kenneth Newell, MD, PhD</td>
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<td>9:00-9:25 AM</td>
<td>Clinical Trials and Interacting with Pharma: An Industry Perspective</td>
<td>Ulf Meier-Kreische, MD</td>
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<td>9:25-9:50 AM</td>
<td>What are the elements of a successful research project?</td>
<td>John Gill, MD, MS and Robert Fairchild, PhD</td>
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<td>9:50-10:10 AM</td>
<td>How to Write a Career Development Award</td>
<td>Jennifer Lai, MD, MBA</td>
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<td>10:10-10:20 AM</td>
<td>Break</td>
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#### Breakout Session II
*Choose one of two options*

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<thead>
<tr>
<th>Time</th>
<th>Option 1</th>
<th>Option 2</th>
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<tbody>
<tr>
<td>10:20 AM – 11:50 AM</td>
<td>Trailblazing: The Path from Bedside to Bench</td>
<td>Transplant Immunology Boot Camp</td>
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<tr>
<td>10:20 AM – 10:50 AM</td>
<td>Challenging Cases Highlighting the link between the Laboratory and Clinical Medicine</td>
<td>T Cell Activation &amp; Functional Development</td>
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<td>Location: International</td>
<td><em>Ronald Gill, PhD</em></td>
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<td>10:50 AM -11:20 AM</td>
<td>Genetics in Personalized Medicine</td>
<td>Clinical Assays of T Cell Function</td>
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<td><em>Timothy Horwedel, PharmD, BCPS, and Jayme Locke, MD, MPH, FACS, FAST</em></td>
<td><em>Robert Fairchild, PhD</em></td>
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<td>11:20 AM – 11:50 AM</td>
<td>I can swing this – Can’t I?</td>
<td>Paired Exchange versus Desensitization</td>
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<td></td>
<td><em>Paired Exchange versus Desensitization</em></td>
<td><em>Jayme Locke, MD, MPH, FACS, FAST and Annette Jackson, PhD, D(ABHI)</em></td>
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<td>10:20 AM</td>
<td>Transplant Immunology Boot Camp</td>
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<tr>
<td>10:20 AM</td>
<td><em>Ronald Gill, PhD</em></td>
<td>Location: Val Verde</td>
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<tr>
<td>10:50 AM</td>
<td>Basics of B Cells: How They Develop, Where They Go, and How They Differentiate to Become Antibody-Producing Cells</td>
<td>Clinical Assays of T Cell Function</td>
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<td><em>Leonardo Riella, MD, PhD and Annette Jackson, PhD, D(ABHI)</em></td>
<td><em>Robert Fairchild, PhD</em></td>
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<tr>
<td>11:20 AM</td>
<td>Clinical Assays of T Cell Function</td>
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<td>11:50 AM – 12:30 PM</td>
<td>Lunch</td>
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<td>Windfall Dining Room</td>
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### General Session 3

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

**Choose one of two options**

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<tr>
<td>4:00 PM - 5:30 PM</td>
<td><strong>Organ Specific Breakouts Management of Complications OR</strong></td>
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<td></td>
<td><strong>Transplant Immunology Boot Camp II (case based presentations)</strong></td>
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**Choice 1**

**Kidney**
- Jayme 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
11:00 AM  Management of DSA Across all Organ Transplants: Kidney, Liver, Lung, Heart
               Jayme 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