General Session Room is Val Verde

Friday, September 15, 2017

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
John Gill, 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
Kenneth Newell, MD, PhD

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

1:25 PM  Deceased Donation: Organ Allocation Principles, UNOS and System Challenges
Nicole Turgeon, MD

1:45 PM  Organ Discard: Role of Biopsy
Michael Mengel, MD, MPH

2:00 PM  Ischemia Reperfusion Injury: Mechanisms and Current Medical Strategies
Robert Fairchild, PhD

2:25 PM  Machine Perfusion: Who to Pump, Warm or Cold
John Gill, MD

2:55 PM  Public Health Service (PHS) Increased Risk Donors
Marian Michaels, MD, MPH

3:10 PM  Panel Discussion: Expanding the Donor Pool
Leonardo Riella, MD, PhD and Alexander Wiseman, MD

3:30 PM - 3:45 PM  Break
Breakout Session I
Choose one of six 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, Donor
Selection, and Initial Therapeutic Considerations

Kidney
Kenneth Newell, MD, PhD and Alexander Wiseman, MD
Location: International Ballroom I, Upper Level

Liver
Josh Levitsky, MD and Andrew Adams, MD, PhD
Location: Cap Rock, Upper Level

Heart/Lung
James Allan, MD, MBA, and Josef Stehlik, MD, MPH
Location: Spicewood, Lobby Level

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

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

5:45 PM - 7:30 PM  The Ice Breaker: 30-minute Faculty Introductions Followed by Small Group Networking
John Gill, MD and Leonardo Riella, MD, PhD
Meritage Room and Patio

7:30 PM - 10:00 PM  Dinner with the Faculty
Windfall Dining Room

Saturday, September 16, 2017
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 – 7:55 AM  Career Advice and Networking Connections
For Clinicians: Alexander Wiseman
Josh Levitsky
Josef Stehlik
Val Verde

For Researchers: Roslyn Mannon
Robert Fairchild
Maria-Luisa Alegre
Spicewood

For Pharmacists: Christin Rogers
Su Vino

For Pediatricians: Marian Michaels
Ste. Genevieve
Saturday, September 16, 2017

General Session 2

8:00 AM - 11:15 AM  Immunosuppression Mechanisms, Novel Agents, Tolerance  
*Moderator: Christin Rogers, PharmD, FAST, FCCP, BCP and Howard Gebel, MD*

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

8:35 AM  Key Clinical Trials that Define Current Immunosuppressive Strategies (exclusive of Belatacept)  
Alexander Wiseman, MD

9:10 AM  Obstacles to New Therapeutic Agent Development: Can we Advance from Today's Practice?  
Roslyn Mannon, MD, FASN, FAST

9:45 AM  Costimulation Blockade: From Development to Approval to Real-World Experience  
Andrew Adams, MD, PhD

10:20 AM  Clinical Tolerance: An Achievable Goal  
Kenneth Newell, MD, PhD

11:15 AM - 11:45 AM  Lunch  
Windfall Dining Room

Breakout Session II

Choose one of two options

12:00 PM - 2:00 PM

**CHOICE 1**

12:00 PM  Trailblazing : The Path from Bedside to Bench  
Challenging Cases Highlighting the link between the laboratory and Clinical Medicine  
Location: International Ballroom I  
*Moderator: Roslyn Mannon, MD and John Gill, MD*

12:00 PM – 12:30 PM  Ischemic Reperfusion Injury (IRI) and Innate Immunity (Case of Delayed Graft function)  
Robert Fairchild, PhD and Alexander Wiseman, MD

12:30 PM – 1:00 PM  Using Diagnostics to Define Personalized Therapeutics (Immunosuppression Management)  
Josh Levitsky, MD and Kenneth Newell, MD, PhD

1:00 PM – 1:30 PM  The Microbiome, Infection and Alloimmunity (Infection case)  
Leonardo Riella, MD, PhD, and Marian Michaels, MD, MPH

1:30 – 2:00 pm  I can swing this – Can’t I?  
Paired Exchange versus Desensitization  
Nicole Turgeon, MD and Howard Gebel, PhD

**CHOICE 2**

Location:  
Val Verde

12:00 PM  Transplant Immunology Boot Camp Part I  
Leonardo Riella, MD, PhD
Saturday, September 16, 2017

Transplant Immunology Boot Camp Part I - Continued

12:30 PM  Basics of B Cells: How They Develop, Where They Go, and How They Differentiate to Become Anti-Body Producing Cells
Maria-Luisa Alegre, MD, PhD

1:00 PM  Clinical Assays of T Cell Function
Robert Fairchild, PhD

2:00 PM - 2:15 PM  Break

General Session 3
Val Verde

2:15 PM – 2:45 PM  How to Interpret a Clinical Trial
Alexander Wiseman, MD

Breakout Session III
Choose one of two options

CHOICE 1
Reading, Writing, and Arithmetic [Basic Science]
Location:  Val Verde

2:50 PM  How to Write a Grant
Robert Fairchild, PhD and Roslyn Mannon, MD

3:25 PM  How to Write a Manuscript
Maria-Luisa Alegre, MD, PhD and James Allan, MD, MBA

CHOICE 2
Reading, Writing, and Arithmetic [Clinical]
Location:  International Ballroom I

2:50 PM  How to Write a Grant
Andrew Adams, MD, PhD and Kenneth Newell, MD, PhD

3:25 PM  How to Write a Manuscript
John Gill, MD & Deidre Sawinski, MD

Breakout Session IV
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
Kenneth Newell, MD, PhD and Deidre Sawinski, MD
Location:  International Ballroom I, Upper Level

Liver
Josh Levitsky, MD and Andrew Adams, MD, PhD
Location:  Cap Rock, Upper Level
Saturday, September 16, 2017

Heart /Lung
James Allan, MD, MBA and Josef Stehlik, MD, MPH
Location: Spicewood, Lobby Level

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

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

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

Innate Mechanisms of Allograft Dysfunction
Roslyn Mannon, MD, FASN, FAST

T cell Mechanisms of Acute Allograft Rejection
Maria-Luisa Alegre, MD, PhD

Mechanisms of Chronic Allograft Rejection
Leonardo Riella, MD, PhD

6:00 PM – 7:30 PM
Fellows and Faculty Networking Recreation (sand volleyball, basketball, soccer, tennis)
Hilton Lawn

8:00 PM - 11:00 PM
Texas Style Dinner and Dancing
International Ballroom

Sunday, September 17, 2017

7:00 AM - 8:00 AM
Breakfast
Windfall Dining Room

General Session 4
Val Verde

8:00 AM – 11:30 AM
Antibody-Mediated Rejection
Moderator: Roslyn Mannon, MD, FASN, FAST and Howard Gebel, PhD

8:30 AM
How Does Donor Reactive Antibody Cause Graft Injury?
Robert Fairchild, PhD

9:00 AM
HLA Typing and Detection of Sensitized Patients
Howard Gebel, PhD

9:30 AM
Histopathologic Features of Antibody-Mediated Rejection
Michael Mengel, MD

10:00 AM
Discussion

10:15 AM
Break
Sunday, September 17, 2017

10:30 AM  Current Strategies in Transplanting the Sensitized Patient and Controlling Donor-reactive Antibody Responses/Treatment of Acute Antibody Mediated Rejection
Nicole Turgeon, MD

11:00 AM  Non-Adherence
Christin Rogers, MD

11:15 AM  Chronic Antibody Mediated Rejection
Leonardo Riella, MD, PhD

11:35 AM  Discussion

11:50 AM  Closing Comments
John Gill, MD and Leonardo Riella, MD, PhD

12:00 PM  Adjourn