

Program

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:

Transplant Immunology Boot Camp Part I
Val Verde

- 12:00 PM** **T Cell Activation & Functional Development**
Leonardo Riella, MD, PhD

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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 & Deirdre 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

Breakout Session IV

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