Program

General Session Room is Val Verde

Friday, September 25, 2015

11:30 am - 12:20 pm  Lunch with the Faculty
Windfall Dining Room

General Session 1

12:30 pm - 3:30 pm  Innate Immunity in Transplantation
Moderators: Robert L. Fairchild, PhD and John S. Gill, MD

12:30 pm  Welcome Remarks
Robert L. Fairchild, PhD and John S. Gill, MD

12:40 pm  Case Discussion – Bedside to Bench
Jay A. Fishman, MD

1:00 pm  Overview: What Does the Immune Response to an Allograft Look Like?
Identifying the Players and Targets to Improve Graft Outcome
Robert L. Fairchild, PhD

1:30 pm  Innate Immunity in Clinical Practice: The Impact of DGF on Outcomes and
Potential Therapeutic Targets
Roslyn Mannon, MD

2:15 pm  Innate Immunity, the Microbiome and Infection in Transplant Patients
Jay A. Fishman, MD

3:00 pm  Why Does this Matter in Clinical Practice? Questions and Discussion
All Speakers

3:30 pm - 3:45 pm  Break

Breakout Sessions I
Choose one of five options

3:45 pm - 5:15 pm  Organ Specific Breakouts: Early Management Issues, Medical and Surgical Decision Making
OR Immunosuppression Management

Kidney
Kenneth A. Newell, MD, PhD, Alexander Wiseman, MD
and Andrew Adams, MD, PhD
International Ballroom

Liver
Josh Levitsky, MD and Derek A. Dubay, MD
Cap Rock

Heart
Darren Freed, MD, PhD and John Gill MD
Spicewood

Lung
James S. Allan, MD, MBA and Laurie D. Snyder MD, MHS
Ste. Genevieve

Immunosuppression Management- A Focus on Patient
Specific Factors Including Pharmacokinetics,
Pharmacodynamics and Drug Interactions
Christin Rogers, PharmD
Su Vino
5:45pm - 7:30 pm  Career Session with the Faculty and Reception  
International Ballroom

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

Saturday, September 26, 2015

6:30 am - 7:30 am  Breakfast  
Windfall Dining Room

Breakfast Breakout Sessions
Grab your breakfast and choose to attend one of four optional sessions

6:45 am – 7:45 am  Career Advice and Networking Connections  

<table>
<thead>
<tr>
<th>For Clinicians</th>
<th>For Researchers</th>
<th>For Pharmacists</th>
<th>For Pediatricians</th>
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<tbody>
<tr>
<td>Val Verde</td>
<td>Spicewood</td>
<td>Su Vino</td>
<td>Ste. Genevieve</td>
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General Session 2

8:00 am - 11:30 am  Antibody-mediated Rejection  
Moderator: Roslyn B. Mannon, MD

8:00 am  Basics of B Cells – How They Develop, Where They Go, and How They Differentiate to Become Antibody Producing Cells  
Maria-Luisa Alegre, MD, PhD

8:30 am  HLA Typing and Detection of Sensitized Patients  
Howard M. Gebel, PhD

9:00 am  Histopathologic Features of Antibody-mediated Rejection  
Michael Mengel, MD

9:30 am - 9:45 am  Break

9:45 am  Current Strategies in Transplanting the Sensitized Patient and Controlling Donor-reactive Antibody Responses  
Alexander Wiseman, MD

10:15 am  The Role of the HLA Laboratory in Facilitation of KPD Transplantation  
Howard M. Gebel, PhD

10:45 am  Importance of Antibody Mediated Rejection in Liver Transplantation  
Andrew Adams, MD, PhD

11:15 am  Questions and Discussion  
All Speakers

11:30 am - 12:30 pm  Lunch  
Windfall Dining Room
Breakout Sessions II
Choose one of two options

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>12:30 pm</td>
<td>Infectious Transplantation</td>
<td>International Ballroom</td>
<td>12:30 pm</td>
<td>Transplant Immunology Boot Camp I</td>
<td>Val Verde</td>
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<tr>
<td>12:30 pm</td>
<td>Overview of Infection in Transplant Recipients</td>
<td>Jay A. Fishman, MD</td>
<td>12:30 pm</td>
<td>T cell Activation</td>
<td>Leonardo Riella, MD, PhD</td>
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<td>1:00 pm</td>
<td>Emerging Treatment of Hepatitis C</td>
<td>Josh Levitsky, MD</td>
<td>1:00 pm</td>
<td>Functional Differentiation of T cells</td>
<td>Maria-Luisa Alegre, MD, PhD</td>
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<td>1:30 pm</td>
<td>Viral Mediated Graft Pathology</td>
<td>Michael Mengel, MD</td>
<td>1:30 pm</td>
<td>Clinical Assays of T cell Function</td>
<td>Robert L. Fairchild, PhD</td>
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<tr>
<td>2:00 pm - 2:15 pm</td>
<td>Break</td>
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General Session 3

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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>2:15 pm – 2:45 pm</td>
<td>How to Write a Grant</td>
<td>Kenneth A. Newell, MD, PhD and Maria-Luisa Alegre, MD, PhD</td>
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<tr>
<td>2:45 pm – 3:15 pm</td>
<td>How to Prepare and Submit a Manuscript</td>
<td>Robert L. Fairchild, PhD and John Gill, MD</td>
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<tr>
<td>3:15 pm – 3:45 pm</td>
<td>Ethics and Incentives/Disincentives</td>
<td>John S. Gill, MD and James S. Allan, MD</td>
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Breakout Sessions III
Choose one of six options

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
<th>Time</th>
<th>Session Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>4:00 pm – 5:30 pm</td>
<td>Organ Specific Breakouts OR Pediatrics OR Transplant Immunology Boot Camp II</td>
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<td>Organ Specific Breakouts OR Pediatrics OR Transplant Immunology Boot Camp II</td>
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<tr>
<td>Kidney: Allocation and Options for the Diabetic Patient:</td>
<td>SPK, PAK, and Islets</td>
<td>Kenneth A. Newell, MD, PhD and Alexander Wiseman, MD</td>
<td>4:00 pm – 5:30 pm</td>
<td>Pediatrics</td>
<td>Vikas R. Dharnidharka, MD, MPH Su Vino</td>
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<td>Liver: Allocation and Combined Liver-Kidney Transplant</td>
<td>Josh Levitsky, MD, and Derek A. Dubay, MD</td>
<td>Cap Rock</td>
<td>4:00 pm – 5:30 pm</td>
<td>Transplant Immunology Boot Camp II Delaney</td>
<td>Innate Mechanisms of Allograft Dysfunction Robert L. Fairchild, PhD</td>
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<tr>
<td>Heart: Allocation and Combined Heart-Kidney Transplant</td>
<td>Darren Freed, MD, PhD, and John Gill, MD</td>
<td>Spicewood</td>
<td>4:00 pm – 5:30 pm</td>
<td>Transplant Immunology Boot Camp II Delaney</td>
<td>T cell Mechanisms of Acute Allograft Rejection Maria-Luisa Alegre, MD, PhD</td>
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<tr>
<td>Lung: Allocation, Organ Preservation</td>
<td>James S. Allan, MD, MBA and Laurie D. Snyder MD, MHS</td>
<td>Ste. Genevieve</td>
<td>4:00 pm – 5:30 pm</td>
<td>Transplant Immunology Boot Camp II Delaney</td>
<td>Mechanisms of Chronic Allograft Rejection Leonardo Riella, MD, PhD</td>
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<tr>
<td>5:30 pm</td>
<td>Adjourn</td>
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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 at Austin Ranch
Sunday, September 27, 2015

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

General Session 4

8:00 am – 9:30 am    Running Interference to Prevent Graft Loss
                      Moderator: James S. Allan, MD, MBA and Josh Levitsky, MD

8:00 am             Immunosuppression: Basic Strategies, How They Work, and Novel Immunosuppression
                    Roslyn B. Mannon, MD

8:45 am             Immune Monitoring of the Transplant Recipient
                    Alexander Wiseman, MD

9:15 am             What are the Barriers/Challenges in Costimulatory Blockade Strategies
                    (Bench and long term results – clinical)
                    Andrew Adams, MD, PhD

9:45 am – 10:00 am   Break

General Session 5

10:00 am – 11:15 am  Tolerance - Closing in on an Elusive Goal
                      Moderators: Robert L. Fairchild, PhD and John Gill, MD

10:00 am             Tolerance: What is It and How Do We Do It in Animals?
                      Leonardo Riella, MD, PhD

10:30 am             Tolerance in Patients: Is It Possible and What Does It Look Like When It Happens?
                      Can the Candidate Pool be Expanded?
                      Kenneth A. Newell, MD, PhD

11:00 am             Why Does This Matter in Clinical Practice? Questions and Discussion
                      All Speakers

11:30 am             Adjourn