Thursday, September 24th

Session 1  Welcome to the Transplant Community  11:00 AM – 12:30 PM

11:00 AM - 11:05AM:  Welcome Remarks  
Anita Chong, Leonardo Riella, and Alex Wiseman

11:05 AM – 11:20 AM  Introduction to the AST  
Rich Formica, AST President

11:20 AM –12:00PM  Why Transplant? Who to Transplant? The Survival Benefit of Transplant, by organ, by patient risk profile (speaker notes: age, comorbidities, underlying disease, 10 min each)  
Deirdre Sawinski, Betsy Verna, MaryJane Farr, and Debbie Levine

12:00– 12:15 PM  UNOS Simulation Study  
Darren Stewart – UNOS

12:15 PM – 12:30 PM  Discussion

12:30 PM – 12:45 PM  Break (Visit the Sponsor Lounge!)

Session 2  Organ Recovery: The Science and the Practice  12:45 PM – 1:45 PM

12:45 PM – 12:55 PM  The Immunology of Ischemia Reperfusion Injury  
Rob Fairchild

12:55 PM – 1:35 PM  Deceased Donor Management and Organ Preservation: Who does it best?  
Kidney Preservation, Liver Perfusion, Ex Vivo Lung  
Roslyn Mannon, Andrew Adams, and Deb Levine

1:35 PM – 1:45 PM  Discussion

1:45 PM – 2:00 PM  Break (Visit the Sponsor Lounge!)
Session 3  Immunosuppression Mechanisms, Novel Agents, and Complications
2:00 PM – 3:30 PM

2:00-2:30 PM  Overview of the Immune Response to Transplants and Immunosuppressive Targets
Leonardo Riella

2:30-3:30 PM  ZOOM Breakout Sessions
Challenging Cases Related to Transplant Candidate Selection, Donor Selection, and Initial Immunosuppression Consideration

Kidney/Pancreas
Nicole Turgeon, Alexander Wiseman, Matt Cooper, Sumit Mohan, Deb Adey, John Gill, Samira Farouk, and Deirdre Sawinski

Liver
Elizabeth Verna, Andrew Adams, Lisa Van Wagner, and Anjana Pillai

Heart
MaryJane Farr, Sean Pinney, Marlena Habal, and Michelle Kittleson

Lung
Deb Levine and Todd Grazia

Pediatric
Marian Michaels and Joshua Blatter

Immunosuppression Management
Lyndsey Bowman, Barrett Crowther, Lisa Potter, and Dave Taber

Clinical Transplant Immunology Boot Camp
Basics in HLA typing and DSA quantification
Howie Gebel and Annette Jackson

Basics in histopathological diagnosis of rejection across organs (kidney, liver, heart, lung)
Michael Mengel

(Additional Faculty: Leo Riella, Anita Chong, Jamil Azzi)

3:30 PM – 3:45 PM  Break (Visit the Sponsor Lounge!)
Session 4: Career Development: Concurrent Sessions

3:45 PM – 4:45 PM

Track 1
3:45 PM – 4:45 PM
How to Write A Grant
Rob Fairchild and Mandy Ford

Track 2
3:45 PM – 4:45 PM
How to Negotiate Your First Job (30 min, repeated x 1)
Alexander Wiseman, Betsy Verna, and Roslyn Mannon

Track 3
3:45 PM – 4:45 PM
UNOS: Organizational Structure, How to Get Involved in Policy Making (30 min, repeated x 1)
Nicole Turgeon and Matt Cooper

Track 4
3:45 PM – 4:45 PM
Clinical Research: Using big data, finding collaborators and participating in clinical trials (30 min, repeated x 1)
Jayme Locke and Deirdre Sawinski

Track 5
3:45 PM - 4:45 PM
Beyond Residency and Fellowship Training: Transplant Pharmacist Career Advice
Barrett Crowther and Lyndsey Bowman

Friday, September 25th

Session 5 Transplant Immunology Boot Camp
11:00 AM – 12:00 PM

11:00-11:30AM Basics of T Cells: How They Are Activated and Their Differentiation into Effector and Regulatory T Cells
Jamil Azzi

11:30-12:00PM Basics of B Cells: How They Develop, Where They Go, and How They Differentiate to Become Antibody-Producing Cells
Anita Chong
12:00 PM – 12:15 PM  Break (Visit the Sponsor Lounge!)

Session 6  ZOOM Breakout sessions: Management of Post-Transplant Complications (case-based presentations), Transplant Immunology Boot Camp II

12:15 PM – 1:45 PM

12:15PM – 12:25 PM  Overview of Session Expectations

Kidney
Jayme Locke, Alexander Wiseman, Matt Cooper, Sumit Mohan, Deb Adey, Samira Farouk, and Deirdre Sawinski

Liver
Elizabeth Verna, Andrew Adams, Lisa Van Wagner, and Anjana Pillai

Heart
MaryJane Farr and Sean Pinney

Lung
Debbie Levine, Todd Grazia

Infectious Disease
Marian Michaels, Jay Fishman, and Blair Weikert

Immunosuppression Management- A Focus on Patient Specific Factors Including Pharmacokinetics, Pharmacodynamics and Drug Interactions
Lyndsey Bowman, Barrett Crowther, Lisa Potter, and Dave Taber

Transplant Immunology Boot Camp II
Factors impacting Alloimmune Response: microbiota, obesity, diet, exercise and sex/pregnancy
Marisa Alegre

Basic Science Journal Club
Anita Chong, Robert Fairchild, and Marisa Alegre

(Additional Faculty: Leo Riella, and Jamil Azzi)

1:45 PM – 2:00 PM  Break (Visit the Sponsor Lounge!)
### Session 7  
**Antibody-Mediated Injury**  
2:00 PM – 3:30 PM

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>2:00 PM – 2:30 PM</td>
<td>How Does Donor Reactive Antibody Cause Graft Injury?</td>
<td>Robert Fairchild</td>
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<td>2:30 PM – 3:00 PM</td>
<td>HLA Typing and Detection of Sensitized Patients, and the role of epitope/eplet matching</td>
<td>Howard Gebel</td>
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<tr>
<td>3:00 PM – 3:30 PM</td>
<td>Xenotransplantation: where do we stand?</td>
<td>Andrew Adams</td>
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#### Break
3:30 PM – 3:45 PM  
Break (Visit the Sponsor Lounge!)

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### Session 8

#### Transplant Trivia
3:45 PM – 4:45 PM  
Transplant Trivia