Thursday, February 22

1:30 PM  Cutting Edge of Transplantation Welcome Remarks*
Location: FLW Salon A-E
Josh Levitsky, MD, MS, FAST, FAASLD, AST President
David Foley, MD, FACS, FAST, FAASLD, CEoT Planning Committee Chair
Rachel Patzer PhD, MPH, CEoT Planning Committee Co-Chair

1:45 PM – 2:45 PM  Session 1: Setting the Stage: The Promise of Expanding Technology in Transplantation*
Location: FLW Salon A-E
Moderators: Stuart Sweet, MD, PhD & Rachel Patzer PhD, MPH

1. Connect to Purpose – the Importance of Technology Advances in Transplant from a Patient Perspective
   Molly McCarthy

2. Transplant Technology: Where Are We Now?
   Roslyn Mannon, MD, FAST, FASN

3. Transplant Technology: Where Do We Go From Here?
   Stuart Knechtle, MD

2:45 PM – 3:15 PM  Break
Science and Innovation Theater†
Sponsored by Pirche
Location: Exhibit Hall, FLW Salon J

3:15 PM – 4:45 PM  Session 2: Artificial Intelligence*
Location: FLW Salon A-E
Moderators: Vineeta Kumar, MD, FAST & Jim Rodrigue, PhD

AI in Transplant: A Patient Perspective
Alin Gragossian, DO, MPH

1. Engaging with AI in Healthcare
   Benjamin Collins, MD, MS, MA

2. AI in Solid Organ Transplantation: An Explorative Overview of Current Applications
   Ali Zarrinpar, MD, PhD

*Continuing education credit offered. See separate packet. †No continuing education credit offered. This is not an official function of the CEoT meeting and is not endorsed by the AST.
Thursday, February 22 (continued)

3. Practical Applications of AI
   a. Implementation of Deep Learning for Rejection and Risk Assessment
      Demilade Adedinsewo, MD, MPH
   b. Advancements and Applications of Visual Intelligence in Transplantation
      Joe Gaut, MD, PhD

Panel Discussion

5:00 PM – 6:30 PM  Welcome Reception and Poster Session†
Sponsored by Eurofins Transplant Diagnostics
Location: Exhibit Hall, FLW Salon F

Friday, February 23

7:00 AM – 8:15 AM  Satellite Breakfast Symposium†
Featuring the OPTN Expeditious Task Force
Location: FLW Salon A-E

8:15 AM – 9:45 AM  Session 3: Therapeutics and Diagnostics†
Location: FLW Salon A-E
Moderators: Roy Bloom, MD & Joanna Schaenman, MD, PhD

Patient Introduction
Kevin Fowler

1. New Molecular Approaches to Assess Immune Status: Finding the Right Balance
   Benjamin Adam, MD, FRCPC

2. Cutting-Edge ID Diagnostics and Therapeutics
   Atul Humar, MD

3. Bioengineering the Immune System to Prevent Rejection
   Megan Levings, PhD

4. New Technologies in Drug Delivery
   Satish Nadig, MD, PhD

Panel Discussion

9:45 AM – 10:15 AM  Break
Science and Innovation Theater†
Sponsored by Eurofins Transplant Diagnostic
Location: Exhibit Hall, FLW Salon J

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Friday, February 23 (continued)

10:15 AM – 11:15 AM  Keynote Speaker*
Location: FLW Salon A-E
Jesse Ehrenfeld, MD, MPH

11:15 AM – 11:45 AM  Networking, Exhibitor Break

11:45 AM – 1:00 PM  Satellite Lunch Symposium†
Sponsored by Natera
Location: FLW Salon A-E

1:00 PM – 1:30 PM  Break
Doggie Den†
Sponsored by Sanofi
Location: FLW Foyer

1:30 PM – 3:00 PM  Session 4: Telemedicine and Remote Patient Monitoring*
Location: FLW Salon A-E
Moderators: Dave Taber, PharmD & Sean Pinney, MD

Patient Experience with Emerging Technologies
Melissa McQueen

1. Empowering Patients through Remote Monitoring: Detecting Problems Before They Start
   Tiffany Kaiser, PharmD

2. The Chatbot Will See You Now: Interacting with Artificial Intelligence
   Steven Hays, MD

3. Innovative Technologies in Medication Adherence Monitoring
   Sandra Amaral, MD, MHS

4. Telerehabilitation to Improve Functional Status
   Anoop Sheshadri, MD

Panel Discussion

3:00 PM – 3:30 PM  Break
Science and Innovation Theater†
Sponsored by Kamada
Location: Exhibit Hall, FLW Salon J

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Friday, February 23 (continued)

3:30 PM – 5:00 PM  
Session 5: Organ Optimization and Replacement Technologies†  
Location: FLW Salon A-E  
Moderators: Lisa McElroy, MD, MS & Ali Zarrinpar, MD, PhD

Patient Talk: Organ Optimization to Enhance the Patient Experience  
Victoria Palafox, RN

1. Enhancing Organ Function in Ex Vivo Machine Perfusion  
   Marcelo Cypel, MD, MSc, FACS, FRCSC

2. Building and Rebuilding Organs  
   Scott Nyberg, MD, PhD

3. NRP Above and Below the Diaphragm  
   a. Thoracic: Thoracic NRP in 2023 and Beyond  
      John Trahanas, MD
   
   b. Abdominal: Leading the Abdominal Consortium for NRP  
      Aleah Brubaker, MD, PhD

Panel Discussion

5:00 PM – 5:15 PM  
Break

5:15 PM – 6:45 PM  
Transplant Visionaries Challenge†  
Sponsored by Sanofi  
Location: FLW Salon A-E

Saturday, February 24

7:00 AM – 7:45 AM  
Satellite Breakfast Symposium†  
Sponsored by Novartis  
Location: FLW Salon A-E

8:15 AM – 9:45 AM  
Session 6: Breakouts*  

Kidney Transplantation:  
Leveraging Technology in Getting to a “Yes”  
Location: FLW Salon A-E  
Moderators: Roy Bloom, MD & Deb Adey, MD

1. Remote Prehab (Remote Physical Therapy)  
   Anoop Sheshadri, MD

2. Healthcare System Silos Along the Pathway to Kidney Transplant  
   Catherine Butler, MD, MA

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Saturday, February 24 (continued)

   Darren Stewart, MS

4. Using AI for HLA Matching (Opportunities in Histocompatibility)  
   Loren Gragert, PhD, A(ACHI)

Panel Discussion

Technological Innovations in Liver Transplantation:  
Enhancing Outcome Prediction and Organ Use  
Location: FLW Salon G  
Moderators: Marina Serper, MD & Andres Duarte, MD, MS, DSc

1. New Frontiers in Clinical Prediction Modeling  
   in Liver Transplant Outcomes  
   Mamatha Bhat, MD, MSc, PhD, FRCPC

2. Clinical Applications of Biomarkers to Liver Transplant  
   Valeria Mas, PhD

3. Viability Assessment of The Deceased Donor Livers  
   Kristopher Croome, MD

4. Innovative Therapeutics During Machine Perfusion:  
   Where Are We Headed  
   Andrea Schlegel, MD

Panel Discussion

Heart Breakout: Transformation of Heart Transplant through Technological Advancement  
Location: FLW Salon H  
Moderators: Sean Pinney, MD & Jon Kobashigawa, MD

1. Organ Acquisition, Storage, and Perfusion  
   Josef Stehlik, MD, MPH

2. Biological Alternatives to Allotransplantation  
   Susie Joseph, MD

3. Mechanical Alternatives to Heart Transplantation  
   Melana Yuzefpolskaya, MD

4. Molecular Testing and Heart Transplantation Moving Beyond the Diagnosis of Rejection  
   Kiran Khush, MD, MAS

Panel Discussion

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Saturday, February 24 (continued)

Beyond Transbronchial Biopsy:
New Technologies to Identify Lung Allograft Rejection and Infection
Location: FLW Salon I
Moderators: Stuart Sweet, MD, PhD & Debbie Levine, MD

1. All you Need is Blood
   John Belperio, MD

2. No, you Need BAL too
   Stephen Juvet, MD, PhD

3. Biopsy or Brushing is Essential
   John Greenland, MD, PhD

Panel Discussion

9:45 AM – 10:15 AM
Break
Science and Innovation Theater†
Sponsored by CareDx
Location: Exhibit Hall, FLW Salon J

10:15 AM – 11:45 AM
Session 7: Informatics and Decision Support Systems*
Location: FLW Salon A-E
Moderators: Allyson Hart, MD, MS & Marina Serper, MD

Patient Introduction: The Importance of Data to Patients
Earnest Davis Jr., PhD, MHSA

1. Integrating Data into Clinical Care and Decision Making: The Role of Informatics in Medical Care
   Ashley Spann, MD, MSACI

2. Making the Electronic Health Records Work for Us: Leveraging EHR Data in Transplantation
   Lisa McElroy, MD, MS

3. Lessons Learned Integrating Data into Decision-Making in Transplantation – What is Next in transplantation?
   Jesse Schold, PhD, MStat, MEd

4. Human-Centered Design: Making Analytic Support Work with the People Using it
   Cory Schaffhausen, MS, PhD

Panel Discussion

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Saturday, February 24 (continued)

11:45 AM – 12:15 PM  Networking, Exhibitor Break

12:15 PM – 1:30 PM  Satellite Lunch Symposium†
  *Supported by Veloxis Pharmaceuticals
  Location: FLW Salon A-E

1:30 PM – 2:00 PM  Break
  Doggie Den†
  *Supported by Paragonix
  Location: FLW Foyer

2:00 PM – 3:30 PM  Session 8: Technology Innovations in Transplantation:
  Ethical, Legal, and Social Challenges*
  Location: FLW Salon A-E
  Moderators: Deborah Adey, MD & Sumit Mohan, MD

  Intro: Community Perspectives
  Joseph Hillenburg

  1. Technology is Wonderful: What Could Possibly Go Wrong?
     Gary Weissman, MD, MSHP

  2. Legal and Regulatory Considerations
     Ana Iltis, PhD

  3. Emerging Technologies: Potential for Perpetuating Bias and Inequity
     Leo Anthony Celi, MD, MPH, MSc

  4. AI and Machine Learning: Looking Behind the Curtain
     David Page, PhD

  Panel Discussion

3:30 PM  Summary of Meeting

4:00 PM  Closing Reception†
  Location: Paradise Pool

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