



# 37TH ANNUAL MEETING & SCIENTIFIC SESSIONS

**APRIL  
5-8  
2017**

MANCHESTER GRAND HYATT SAN DIEGO

## SCHEDULE AT A GLANCE

All meetings and activities will take place at the Manchester Grand Hyatt Hotel unless otherwise specified. All papers will be presented in English. Please check the ISHLT web site <http://www.isHLT.org/meetings/annualMeeting.asp> for updates. The ISHLT 2017 mobile app, which will be available approximately 2 weeks prior to the Annual Meeting, and the Final Program Pocket Guide, which is distributed on site, will reflect the very latest session schedule and room assignments.

### MONDAY, APRIL 3, 2017

#### 8:00 AM – 10:00 PM

- Exhibit Hall Build (Harbor A-H)

#### 8:00 AM – 8:00 PM

- Poster Hall Build (Seaport and Harbor Foyers)

#### 4:00 PM – 8:00 PM

- Academy Registration Open (Seaport Foyer)
- Speaker Ready Room Open (Balboa ABC)

### TUESDAY, APRIL 4, 2017

#### 6:00 AM – 7:00 PM

- Registration Open (Seaport Foyer)

#### 6:00 AM – 8:00 PM

- Speaker Ready Room Open (Balboa ABC)

#### 8:00 AM – 1:00 PM

- ISHLT Academy: Master Class in Mechanical Circulatory Support (Seaport F and Seaport G)

#### 8:00 AM – 2:00 PM

- ISHLT Board of Directors Meeting (City View AB)

#### 8:00 AM – 6:00 PM

- ISHLT Academy: Core Competencies in Pediatric Mechanical Circulatory Support (Grand Hall A)
- ISHLT Academy: Core Competencies in Mechanical Circulatory Support (Grand Hall B)
- ISHLT Academy: Core Competencies in Infectious Diseases (Grand Hall D)

#### 8:00 AM – 6:00 PM

- Poster Hall Build (Seaport and Harbor Foyers)

#### 8:00 AM – 10:00 PM

- Exhibit Hall Build (Harbor A-H)

#### 2:00 PM – 5:00 PM

- ISHLT Board/Committee/Council Leadership Orientation (Vista ABC)

#### 2:00 PM – 7:00 PM

- ISHLT Academy: Master Class in Mechanical Circulatory Support (Gaslamp AB and Gaslamp CD)
- ISHLT Academy: Master Class in Pulmonary Hypertension (Seaport F and Seaport G)

**6:00 PM – 8:00 PM**

- Standards and Guidelines Committee Meeting (La Jolla A)

**WEDNESDAY, APRIL 5, 2017****7:00 AM – 6:15 PM**

- Registration Open (Seaport Foyer)
- Speaker Ready Room Open (Balboa ABC)

**7:00 AM – 10:00 AM**

- Exhibitor Set-Up (Harbor A-H)
- Poster Session 1 Mount (Seaport, Harbor, and Coronado Foyers)

**8:00 AM - 10:00 AM**

- Symposium 01: Joint ISHLT/ICCAC Symposium: Besides the Surgery - How to Make VAD Patients Successful (Seaport A-E) (MCS, HF, HTX, NHSAH)
- Symposium 02: When Should We Call It Quits? The Efficacy of Interventions to Ameliorate Psychosocial Risk Factors (Grand Hall A) (HTX, HF, MCS, NHSAH)
- Symposium 03: PGD and Vasoplegia After Heart Transplantation: Sink or Swim (Grand Hall B) (HTX, HF, MCS)
- Symposium 04: Thinking Outside the Box: Extra-Pulmonary Management in Lung Transplantation (Grand Hall C) (LTX, BSTR, ID, NHSAH, PATH, PEDS, PHARM, PH)
- Symposium 05: Joint ISHLT/PHA Symposium: PH and Transplant: Where Do We Go From Here? (Grand Hall D) (PH, HF, HTX, LTX, MCS, NHSAH, PEDS)
- Symposium 06: The Failing Fontan - Where Do We Go From Here? (Seaport F-G) (PEDS, EEP, HF, HTX)
- Symposium 07: Joint ISHLT/ESCMID Symposium: Ongoing Challenges in Transplant Infectious Diseases (Seaport H) (ID, HTX, LTX, MCS, PHARM)

**9:00 AM – 7:00 PM**

- Press Office Open (Old Town A)

**10:00 AM – 10:30 AM**

- Coffee Break (Harbor A-H)

**10:00 AM – 7:15 PM**

- Exhibit Hall Open (Harbor A-H)
- Poster Hall Open (Seaport, Harbor, and Coronado Foyers)

**10:30 AM – 12:30 AM**

- Opening Plenary (Seaport A-E) (ALL)

**12:30 PM - 2:30 PM**

- Lunch Break

**12:30 PM - 2:30 PM**

- Nursing, Health Sciences and Allied Health Scientific Council Meeting (Grand Hall A)
- Pulmonary Hypertension Council Scientific Meeting (Grand Hall D)
- Pediatric Transplantation Council Scientific Meeting (Seaport F-G)
- Infectious Diseases Scientific Council Meeting (Coronado A-C)
- Junior Faculty Mentor Lunch Meeting (Vista ABC)
- Grants and Awards Committee Meeting (Gaslamp A)
- Education Committee Meeting (Gaslamp B)
- I2C2 Committee Meeting (Gaslamp C)
- Transplant Registry Committee Meeting (Gaslamp D)

**2:30 PM – 4:00 PM**

- Oral Sessions

**4:00 PM – 4:30 PM**

- Coffee Break (Harbor A-H)

**4:30 PM – 6:00 PM**

- Oral Sessions
- Symposium 08: ECMO in Pre-Capillary PH: What is the Best Option for My Patient? (Grand Hall D) (PH, HF, LTX, PEDS, PH)
- Symposium 09: JHLT at ISHLT: The Year in a Capsule (Coronado A-C) (ALL)

**6:00 PM – 6:15 PM**

- Coffee Break (Harbor A-H)

**6:15 PM – 7:15 PM**

- Mini Oral Sessions
- Exhibit Hall Opening Reception (Harbor A-H)
- Moderated Poster Session 1 (Seaport, Harbor, and Coronado Foyers)

**7:15 PM – 8:15 PM**

- Poster Session 1 Removal (Seaport, Harbor, and Coronado Foyers)

**7:30 PM – 10:00 PM**

- ICCAC Annual Meeting (Grand Hall D)

**THURSDAY, APRIL 6, 2017****7:00 AM – 6:30 PM**

- Registration Open (Seaport Foyer)
- Speaker Ready Room Open (Balboa ABC)

**7:00 AM – 8:00 AM**

- Junior Faculty and Trainee Scientific Council Meeting (Gaslamp A-C)

**7:00 AM – 10:00 AM**

- Poster Session 2 Mount (Seaport, Harbor, and Coronado Foyers)

**7:00 AM – 8:00 AM**

- Sunrise Symposium 01: Walk With Me: Exercise Physiology in the LVAD Patient (Grand Hall A) (MCS, ALL)
- Sunrise Symposium 02: Chagasic Cardiomyopathy: Lessons To Be Learned (Grand Hall B) (HF, HTX, ID, MCS)
- Sunrise Symposium 03: Lifecycle Journey of Thrombosis in MCS Patients (Grand Hall C) (PHARM, HF, HTX, MCS, NHSAH)
- Sunrise Symposium 04: Completing the Picture: Patient Reported Outcomes (PROs) as an Essential Source of Information in Evaluating Transplantation Outcomes (Grand Hall D) (NHSAH, ALL)
- Sunrise Symposium 05: Upcoming Opportunities and Challenges in Pediatric Lung Transplantation (Seaport F-G) (PEDS, HF, LTX, MCS, PH)
- Sunrise Symposium 06: "Those Darn CARVs": Respiratory Viruses in Lung Transplant (Coronado A-C) (ID, LTX, PATH, PHARM)

**8:00 AM – 10:00 AM**

- Symposium 10: Antibodies in Mechanical Circulatory Support: The Phantom Menace (Seaport A-E) (MCS, BSTR, HF, HTX, PEDS, PHARM)
- Symposium 11: Not CAVing to CLADtastrophe: Emerging Mechanisms of Chronic Heart and Lung Allograft Disease (Grand Hall A) (BSTR, HTX, LTX, PATH, PHARM)
- Symposium 12: A Tale of Two Organs: Selecting and Managing Multi-Organ Transplant Recipients (Grand Hall B) (HTX, ALL)
- Symposium 13: Lung Allocation Scores: Making the Complex Simple, or Just the Simple Complex? (Grand Hall C) (LTX, ALL)
- Symposium 14: CTEPH: Current Controversies and New Directions (Grand Hall D) (PH)
- Symposium 15: HLA, AMR and DSA - Approaching Antibodies in Kids (Seaport F-G) (ALL)
- Symposium 16: "Around the World in 80 Days": Infectious Challenges in Cardiothoracic Transplantation (Coronado A-C) (ID, HF, HTX, LTX)

**9:00 AM – 7:00 PM**

- Press Office Open (Old Town A)

**10:00 AM – 10:30 AM**

- Coffee Break (Harbor A-H)

**10:00 AM – 7:15 PM**

- Exhibit Hall Open (Harbor A-H)
- Poster Hall Open (Seaport, Harbor and Coronado Foyers)

**10:30 AM – 12:30 PM**

- Plenary Session (Seaport A-E)  
(ALL)

**12:30 PM – 2:00 PM**

- Lunch Break

**12:30 PM – 2:00 PM**

- Mechanical Circulatory Support Scientific Council Meeting (Grand Hall A)
- Pulmonary Transplantation Scientific Council Meeting (Grand Hall C)
- Pharmacy and Pharmacology Scientific Council Meeting (Seaport F-G)
- JHLT Editorial Board Lunch Meeting (Seaview A-C)
- Registries and Databases Committee Lunch Meeting (Gaslamp D)
- International Pediatric Heart Failure Registry Meeting (Old Town B)

**2:00 PM – 3:30 PM**

- Oral Sessions

**3:30 PM – 4:00 PM**

- Coffee Break (Harbor A-H)
- 2018 Symposium Planning Committee Meeting (Gaslamp D)

**4:00 PM – 6:00 PM**

- Symposium 17: To Pulse or Not To Pulse? That is the Question (Seaport A-E)  
(ALL)
- Symposium 18: Weeding Out Fact from Fiction - the Highs and Lows of Marijuana Use in Transplant (Grand Hall A)  
(PHARM, ALL)
- Symposium 19: Cardiogenic Shock: Types, Teams and Tactics (Grand Hall B)  
(HF, HTX, MCS)
- Symposium 20: ECMO in Lung Transplantation: Sensational Success or Fantastic Failure? (Grand Hall C)  
(LTX, ALL)
- Symposium 21: Cardiopulmonary Hemodynamics, the Right Ventricle, and the Kidney: Connecting All the Dots (Grand Hall D)  
(PH, HF, HTX, LTX, MCS)
- Symposium 22: Let's Get Personal! Precision Diagnostics in Thoracic Transplantation (Seaport F-G)  
(PATH, ALL)
- Symposium 23: Taming of the Shrew: Mycobacterium Abscessus in Lung Transplantation (Coronado A-C)  
(ID, ALL)

**6:00 PM – 6:15 PM**

- Coffee Break (Harbor A-H)

**6:00 PM – 7:00 PM**

- Past President's Meeting (Gaslamp D)

**6:15 PM – 7:15 PM**

- Mini Oral Sessions
- Wine and Cheese Reception (Harbor A-H)
- Moderated Poster Session 2 (Seaport, Harbor, and Coronado Foyers)

**7:15 PM – 8:15 PM**

- Poster Session 2 Removal (Seaport, Harbor and Coronado Foyers)

**8:00 PM – 9:30 PM**

- President's Cocktail Reception (USS Midway, Navy Pier at 910 North Harbor Drive)

**FRIDAY, APRIL 7, 2017**

**7:00 AM – 6:30 PM**

- Registration Open (Seaport Foyer)
- Speaker Ready Room Open (Balboa ABC)

**7:00 AM – 10:00 AM**

- Poster Session 3 Mount (Seaport, Harbor, and Coronado Foyers)

**7:00 AM – 8:00 AM**

- Sunrise Symposium 07: Getting to the Heart of Muscular Dystrophies (Grand Hall A) (ALL)
- Sunrise Symposium 08: Live Long and Prosper: Thriving After Pediatric Transplantation (Grand Hall B) (PEDS, EEP, HF, HTX, LTX, MCS, NNSAH, PHARM)
- Sunrise Symposium 09: Mixed Rejection (MR) of the Cardiac Allograft: The Next Frontier (Grand Hall C) (PATH, BSTR, HF, HTX)
- Sunrise Symposium 10: Contrasts and Similarities in Children and Adults: IPAH, Portopulmonary Hypertension, and Perioperative Management (Grand Hall D) (PH, BSTR, HF, LTX, NNSAH, PEDS, PHARM)
- Sunrise Symposium 11: There is No Such Thing as Perfect: Selecting Recipients for Lung Transplantation (Seaport G-H) (LTX, ID, NNSAH, PEDS)
- Sunrise Symposium 12: HIV and Transplantation: It Isn't Going Away... (Coronado A-C) (PHARM, HTX, ID, LTX, NNSAH, PEDS, PH)

**8:00 AM – 9:30 AM**

- Oral Sessions

**9:00 AM – 7:00 PM**

- Press Office Open (Old Town A)

**9:30 AM – 10:00 AM**

- Annual Business Meeting (Seaport A-E)
- Coffee Break (Harbor A-H)

**9:30 AM – 4:00 PM**

- Exhibit Hall Open (Harbor A-H)

**9:30 AM – 6:45 PM**

- Poster Hall Open (Seaport, Harbor, and Coronado Foyers)

**10:00 AM – 11:30 AM**

- Oral Sessions

**11:30 AM – 1:30 PM**

- Lunch Break

**11:30 AM – 1:30 PM**

- Heart Failure and Transplantation Scientific Council Meeting (Grand Hall B)
- Basic Science and Translational Research Scientific Council Meeting (Seaport G-H)
- Pathology Scientific Council Meeting (Coronado A-C)
- IMACS Registry Committee Lunch Meeting (Gaslamp A-C)
- DCD Registry Committee Lunch Meeting (Gaslamp D)

**1:30 PM – 3:30 PM**

- Symposium 24: Aiming Off Target: Non-Cardiac Consequences of LVAD Support (Seaport A-E) (MCS, BSTR, HF)
- Symposium 25: Dealing with Antibodies Before and After Heart Transplant: Do We Have New Arrows in our Quiver? (Grand Hall A) (ALL)
- Symposium 26: Making Every Heart Count (Grand Hall B) (HTX, EEP, HF, HTX)
- Symposium 27: Bench to Bedside: How Advances in Immunology Shape the Care of Today's Lung Transplant Recipients (Grand Hall C) (LTX, BSTR, HTX, ID, NNSAH, PATH, PEDS, PHARM)

- Symposium 28: Great Debates in Pulmonary Hypertension (Grand Hall D)  
(PH, ALL)
- Symposium 29: How to Mend a Broken Heart: Approaches for Cardiac Regeneration (Seaport G-H)  
(BSTR, HF, HTX, PATH, PHARM)
- Symposium 30: E-health, Wearables, Social Media and Big Data in Transplantation: Fancy Toys or True Care Innovations?  
(Coronado A-C)  
(NNSAH, ALL)

### **3:30 PM – 4:00 PM**

- Coffee Break (Harbor A-H)

### **4:00 PM – 5:30 PM**

- Oral Sessions

### **5:30 PM – 5:45 PM**

- Coffee Break (Seaport Foyer)

### **5:45 PM – 6:45 PM**

- Mini Oral Sessions
- Moderated Poster Session 3 (Seaport, Harbor, and Coronado Foyers)

### **6:45 PM – 7:45 PM**

- Poster Session 3 Removal (Seaport, Harbor, and Coronado Foyers)

## **SATURDAY, APRIL 30, 2017**

### **7:00 AM – 12:00 PM**

- Registration Open (Seaport Foyer)

### **7:00 AM – 1:30 PM**

- Speaker Ready Room Open (Balboa ABC)

### **7:00 AM - 8:00 AM**

- Sunrise Symposium 13: Mechanical Circulatory Support - The Interface of Design and Outcome (Grand Hall A)  
(MCS, BSTR, EEP, HF, HTX)
- Sunrise Symposium 14: The Tsunami of ACHD Patients Who Need Advanced Therapies: Are We Prepared? (Grand Hall B)  
(HTX, HF, LTX, MCS, PEDS, PH)
- Sunrise Symposium 15: Extracorporeal Photopheresis: Shedding Light on Rejection? (Grand Hall C)  
(LTX, BSTR, HTX, ID, NNSAH, PATH, PEDS, PHARM)
- Sunrise Symposium 16: Pregnant - Scared? So Are We.... Management of Pregnancy in Our Complex Patients (Seaport G-H)  
(PHARM, HTX, LTX, MCS, NNSAH, PEDS)
- Sunrise Symposium 17: Living in a 'Bacterial' World: Microbiome in Thoracic Transplantation (Coronado A-C)  
(BSTR, ALL)

### **8:00 PM – 9:30 AM**

- Oral Sessions

### **9:30 AM – 9:45 AM**

- Coffee Break (Seaport Foyer)

### **9:45 AM - 11:45 AM**

- Plenary Session (Seaport A-E)  
(ALL)

### **11:45 AM – 12:00 PM**

- Coffee Break (Seaport Foyer)

### **12:00 PM – 1:30 PM**

- Oral Sessions

### **12:00 PM – 6:00 PM**

- ISHLT Board of Directors Meeting (City View AB)