

## WEDNESDAY, 27 APRIL, 2022

**8:00 – 9:45 a.m.**

**PLENARY 1: Opening Plenary Session**

**Location: Hall D**

Core Therapy: ALL

Primary Audience: ALL

**10:15 – 11:45 a.m.**

**SESSION 01 (Oral Session): Early Career and Trainees Clinical Case Dilemmas: The Best of the Best**

**Location: Hall D**

Core Therapy: ALL

Primary Audience: ALL

**SESSION 02 (Symposium): Shock in a Box: What We Need to Learn About Heart Failure Cardiogenic Shock (HF-CS)**

**Location: Ballroom B**

Core Therapy: HEART

Secondary Core Therapies: MCS, PVD

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology

**SESSION 03 (Oral Session): Through the Looking Glass: Advanced Lung Assessment During EVLP**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Pulmonology, Research & Immunology

**SESSION 04 (Oral Session): Should We or Not? Patient Selection for MCS and Transplantation**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies:

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Pediatrics

**SESSION 05 (Symposium): Controversial Debates in Pulmonary Hypertension**

**Location: Ballroom A**

Core Therapy: PVD

Secondary Core Therapies: HEART, LUNG, MCS

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pharmacy and Pharmacology

**SESSION 06 (Oral Session): Translational Insights Into Lung Transplant Complications and Care**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Cardiothoracic Surgery, Pulmonology

**SESSION 07 (Symposium): Developments in CAV Imaging and Diagnosis: Time for an Update to the Guidelines?**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Pediatrics, Research & Immunology

**1:15 – 2:45 p.m.**

**SESSION 08 (Symposium): The Cardiogenic Shock Journey: Shock Therapy**

**Location: Hall D**

Core Therapy: MCS

Secondary Core Therapies: HEART, LUNG

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health

**SESSION 09 (Oral Session): Rethinking Biomarkers in Heart Transplantation: From Bench to Bedside**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Research and Immunology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery

**SESSION 10 (Symposium): Equity and Equality in Cardiothoracic Transplantation: Access to Care**

**Location: Ballroom C**

Core Therapy: LUNG

Secondary Core Therapies: HEART, MCS

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**SESSION 11 (Oral Session): Getting Your MCS Up to Date: Late Breaking Clinical Science**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Cardiology, Research & Immunology

**SESSION 12 (Oral Session): Bench to Bedside: CTEPH and PAH**

**Location: Ballroom A**

Core Therapy: PVD

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

**SESSION 13 (Symposium): Outside-of-the-Box Immunosuppression for Lung Transplantation**

**Location: Room 312**

Core Therapy: LUNG

Secondary Core Therapies: HEART

Primary Audience: Pharmacy and Pharmacology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pulmonology, Research & Immunology

**SESSION 14 (Symposium): Surviving and Thriving After Heart Transplantation: In It for the Long Run!**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**3:15 – 4:45 p.m.**

**SESSION 15 (Symposium): Don't Lose Heart, as Better Times are Ahead: COVID-19 from Bench to Bedside**

**Location: Hall D**

Core Therapy: HEART

Secondary Core Therapies: LUNG, MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics, Pulmonology, Research & Immunology

**SESSION 16 (Oral Session): Take a Chance With Me: Extended Criteria Transplants and Risk Modeling in Heart Transplant**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Cardiology, Pharmacy and Pharmacology, Research & Immunology

**SESSION 17 (Symposium): Lung Transplant Biomarkers Now**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Infectious Diseases, Pathology, Pulmonology

**SESSION 18 (Oral Session): Know Your Enemies: Cardiac and Other Complications During LVAD Support**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery

**SESSION 19 (Oral Session): Risky Business in Pulmonary Hypertension**

**Location: Ballroom A**

Core Therapy: PVD

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Pediatrics, Pharmacy and Pharmacology

**SESSION 20 (Oral Session): Coming to a Bedside Near You: Translational Studies in Lung Organ Perfusion**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Cardiothoracic Surgery, Pulmonology

## **SESSION 21 (Symposium): The Future is Multimodal: Imaging the Transplanted Heart for Rejection, Dysfunction and Vasculopathy**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Research & Immunology

**5:00 – 6:00 p.m.**

### **MINI ORAL 01: Heart Transplant Rejection, Vasculopathy, and the Drugs They Live With!**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

### **MINI ORAL 02: COVID-19 Disease and Vaccination Issues Relevant to Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Infectious Diseases

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pulmonology, Research & Immunology

### **MINI ORAL 03: How to Do It: Influence of Surgical Techniques and Other Factors on Successful MCS Outcomes**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology

### **MINI ORAL 04: Pulmonary Vascular Disease**

**Location: Ballroom A**

Core Therapy: PVD

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Pediatrics, Pulmonology

### **MINI ORAL 05: Recipient Risk Factors and Outcomes in Lung Transplantation**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics

### **MINI ORAL 06: Basic Research: Innovative Cardioprotective Therapies**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Research and Immunology

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Pharmacy and Pharmacology

## POSTER SESSION 1

### Location: Poster Auditorium

- Cardiology (HEART)
- Cardiology (MCS)
- Cardiothoracic Surgery (HEART)
- Cardiothoracic Surgery (LUNG)
- Cardiothoracic Surgery (MCS)
- Infectious Diseases
- Pulmonology (LUNG)
- Research and Immunology (HEART and MCS)
- Research and Immunology (LUNG)

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## THURSDAY, 28 APRIL, 2022

7:00 – 8:00 a.m.

### **SUNRISE 01: Survival of the Best Prepared: Strategies to Prevent Frailty and Deconditioning Before and After Cardiothoracic Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Secondary Core Therapies: LUNG, MCS

Primary Audience: Nursing and Allied Health

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

### **SUNRISE 02: The Path Forward in Developing Novel Therapies in Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Secondary Core Therapies: HEART

Primary Audience: Pulmonology

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Research & Immunology

### **SUNRISE 03: How to Heal a Broken Heart: Using Durable VADs to Promote Myocardial Recovery**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology

### **SUNRISE 04: Challenges in Pediatric Lung Transplant: What Learning Can We Impart to Our Adult Colleagues?**

**Location: Ballroom A**

Core Therapy: LUNG

Primary Audience: Pediatrics

Secondary Audiences: Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Pulmonology, Research & Immunology



**SUNRISE 05: Keep it Less Complicated: Minimizing and Treating Complications in LVAD Patients - From Bleeding to Infection**

**Location: Room 312**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Pharmacy and Pharmacology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pediatrics

**SUNRISE 06: Pregnancy After Cardiothoracic Transplantation**

**Location: Room 210**

Core Therapy: HEART

Secondary Core Therapies: LUNG

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

**8:15 –10:00 a.m.**

**PLENARY 2: Plenary Session**

**Location: Hall D**

Core Therapy: ALL

Primary Audience: ALL

**10:30 a.m. – 12:00 p.m.**

**SESSION 22 (Oral Session): Philip K. Caves Award Candidate Presentations**

**Location: Hall D**

Core Therapy: ALL

Primary Audience: ALL

**SESSION 23 (Symposium): Single, Dual, or Multiorgan Transplant: How Many is Too Much?**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**SESSION 24 (Oral Session): EVLP: Thinking Inside the Box to Improve Patient Outcomes**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Pulmonology, Research & Immunology

**SESSION 25 (Symposium): The Risky Arrhythmia: Matching Risks and Benefits of Cardiac Devices in LVAD Patients**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Infectious Diseases, Nursing & Allied Health, Pharmacy and Pharmacology

**SESSION 26 (Oral Session): Rejection Revelations: Novel Insights into Lung Transplant Rejection**

**Location: Ballroom A**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Cardiothoracic Surgery, Infectious Diseases, Pathology, Pulmonology

**SESSION 27 (Symposium): Pets, Plants, & Palatables: When Living Life After Transplant Comes at a Cost**

**Location: Room 312**

Core Therapy: HEART

Secondary Core Therapies: LUNG

Primary Audience: Infectious Diseases

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology

**SESSION 28 (Oral Session): The Heart Will Go On: Cold, Warm, or Assisted?**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

**1:30 – 3:00 p.m.**

**SESSION 29 (Oral Session): Survival of the Fittest: BMI and the Frailty Construct as Risk Factors for Lung Transplantation**

**Location: Hall D**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Research & Immunology

**SESSION 30 (Oral Session): Donor Availability, Size Matching and Outcome in Heart Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Pathology, Pediatrics

**SESSION 31 (Oral Session): Forgotten Infections: What's Happening in Lung Transplant ID Besides COVID**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Infectious Diseases

Secondary Audiences: Cardiothoracic Surgery, Pathology, Pulmonology, Research & Immunology

**SESSION 32 (Symposium): Unique Challenges for Women and Children Supported with MCS**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics

**SESSION 33 (Symposium): Between a Rock and a Hard Place: Pulmonary Vascular Disease and Solid Organ Transplantation**

**Location: Ballroom A**

Core Therapy: PVD

Secondary Core Therapies: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Pediatrics

**SESSION 34 (Symposium): Real Options in Pediatric Heart Transplant: Small Infants, HLA Sensitization, and Non-invasive Rejection Screening**

**Location: Room 312**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Pediatrics

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Research & Immunology

**SESSION 35 (Oral Session): Where Have We Been and Where are We Going? Improving Heart Transplant Outcomes**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

**3:30 – 5:00 p.m.**

**SESSION 36 (Oral Session): Blood Creeps Where it Cannot Flow, When it Stops...You Know: Drug Support for MCS Therapy**

**Location: Hall D**

Core Therapy: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pharmacy and Pharmacology, Research & Immunology

**SESSION 37 (Oral Session): New Insights in Patients with Advanced Heart Failure and Cardiogenic Shock**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pediatrics, Research & Immunology

**SESSION 38 (Symposium): Vaccination in Cardiothoracic Transplant Candidates and Recipients: the Time is Now?**

**Location: Ballroom C**

Core Therapy: LUNG

Secondary Core Therapies: HEART

Primary Audience: Infectious Diseases

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology



**SESSION 39 (Oral Session): Exercise Capacity and Possible Determinants of Intolerance After LVAD Implantation**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics

**SESSION 40 (Symposium): Take a Chance on Me: Updates in Lung Transplant Candidate Selection**

**Location: Ballroom A**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics

**SESSION 41 (Oral Session): Selecting the Right Heart for the Right Kid: Patient and Donor Selection in Pediatric Heart Transplant**

**Location: Room 312**

Core Therapy: HEART

Primary Audience: Pediatrics

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Pulmonology, Research & Immunology

**SESSION 42 (Oral Session): Donor Utilization and Heart Allocation System in the Current Era: For Better or For Worse**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health

**5:15 – 6:15 p.m.**

**MINI ORAL 07: What's the Score? Modeling Outcomes in Heart Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pediatrics, Research & Immunology

**MINI ORAL 08: Diagnostics and Pathology in Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiothoracic Surgery, Infectious Diseases, Research & Immunology

**MINI ORAL 09: The Realities of Living with LVADs: Sociodemographic Factors and Quality of Life outcomes**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Nursing & Allied Health

## **MINI ORAL 10: Lung Potpourri: Procedures, Pain, Pathogens, and Pediatrics**

**Location: Ballroom A**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Infectious Diseases, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

## **MINI ORAL 11: Moving in the Right Direction: A Quick Jaunt Through Pediatric Heart Failure and Transplant**

**Location: Room 312**

Core Therapy: HEART

Primary Audience: Pediatrics

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

## **MINI ORAL 12: Heart Transplant Waitlists, Donor Selection, and Allocation**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Pediatrics

## **POSTER SESSION 2**

**Location: Poster Auditorium**

- Cardiology (HEART)
- Cardiology (MCS)
- Cardiology (PVD)
- Cardiothoracic Surgery (HEART)
- Cardiothoracic Surgery (LUNG)
- Cardiothoracic Surgery (MCS)
- Cardiothoracic Surgery (PVD)
- Infectious Diseases (HEART and LUNG)
- Nursing and Allied Health
- Pharmacy and Pharmacology
- Pulmonology (LUNG)
- Pulmonology (PVD)

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## **FRIDAY, 29 APRIL, 2022**

**7:00 – 8:00 a.m.**

**SUNRISE 07: DCD Heart Transplantation and Ex Vivo Repair: Gift Box or Pandora's Box?**

**Location: Hall D**

Core Therapy: HEART

Secondary Core Therapies: LUNG, MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Cardiology, Pathology, Research & Immunology

## **SUNRISE 08: What's New? Updates to the ISHLT Guidelines for the Care of Heart Transplant Recipients**

**Location: Ballroom B**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

## **SUNRISE 09: Gastrointestinal Issues in the Lung Transplant Recipient**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

## **SUNRISE 10: Partners in Crime: The Right Ventricle and Pulmonary Hypertension in MCS**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART, LUNG, PVD

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Pulmonology

## **SUNRISE 11: Rookies and Sages: The International Pulmonary Hypertension Challenge**

**Location: Ballroom A**

Core Therapy: PVD

Secondary Core Therapies: HEART, LUNG, MCS

Primary Audience: Pulmonology

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Infectious Diseases, Pediatrics

## **SUNRISE 12: COVID-19 Lessons Learned: Immunology and Pathology in Cardiothoracic Transplant Recipients**

**Location: Room 312**

Core Therapy: LUNG

Secondary Core Therapies: HEART

Primary Audience: Research and Immunology

Secondary Audiences: Cardiology, Infectious Diseases, Pathology, Pulmonology

## **SUNRISE 13: Poised for Success: Tips and Pearls on Manuscript Submission and Effective Peer Review**

**Location: Room 210**

Core Therapy: ALL

Secondary Core Therapies: ALL

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

8:15 – 9:45 a.m.

**SESSION 43 (Oral Session): ABC, 123, DCD, NRP: Expanding Donor Availability in Heart Transplantation**

**Location: Hall D**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases

**SESSION 44 (Symposium): Cancer, Advanced Heart Failure, and Heart Transplant: Do Any of My Cells Work Properly?**

**Location: Ballroom B**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**SESSION 45 (Oral Session): Molecular Assessment of Lung Allograft Injury**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Infectious Diseases, Pathology, Research & Immunology

**SESSION 46 (Oral Session): Next Exit (Site): Infections in MCS**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Infectious Diseases

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Research & Immunology

**SESSION 47 (Symposium): Updates in Pulmonary Arterial Hypertension (PAH) Research: What is On the Horizon?**

**Location: Ballroom A**

Core Therapy: PVD

Secondary Core Therapies: HEART, LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Pediatrics, Pharmacy and Pharmacology

**SESSION 48 (Symposium): Cut to the Chase: Lung Transplantation from the Operating Room to the ICU**

**Location: Room 312**

Core Therapy: LUNG

Secondary Core Therapies: PVD

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Nursing & Allied Health, Pharmacy and Pharmacology, Pulmonology

**SESSION 49 (Symposium): It's Complicated! Psychosocial and Ethical Issues in Pediatric MCS and Transplantation**

**Location: Room 210**

Core Therapy: HEART

Secondary Core Therapies: LUNG, MCS

Primary Audience: Pediatrics

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pulmonology, Research & Immunology

**10:15 – 11:45 a.m.**

**SESSION 50 (Symposium): Double Trouble: End-Stage Renal Failure in End-Stage Heart Failure**

**Location: Hall D**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology, Research & Immunology

**SESSION 51 (Oral Session): Will You Be Mine? Choosing Donors and Recipients for Heart Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pulmonology, Research & Immunology

**SESSION 52 (Oral Session): Back to the Basic(s) Science: Mechanistic Insights to Facilitate Lung Transplant Success**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Cardiothoracic Surgery, Pathology, Pharmacy and Pharmacology, Pulmonology

**SESSION 53 (Symposium): Structural Heart, Mitral and Tricuspid Valve Disease in LVAD Patients: Current Insight and Controversies**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Nursing & Allied Health

**SESSION 54 (Oral Session): A Heart Partnership: When is Two Better Than One?**

**Location: Ballroom A**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pediatrics

**SESSION 55 (Symposium): Improving Quality of Lung Transplant Care: Survival is Only the Beginning**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Nursing and Allied Health

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pulmonology, Research & Immunology

**SESSION 56 (Oral Session): Don't Go Breaking My Heart: The Influence of Antibodies, Drugs, and Diagnostics on Pediatric Heart Transplant Outcomes**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Pediatrics

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology, Research & Immunology



1:15 – 2:45 p.m.

**SESSION 57 (Symposium): Optimization of Management of Patients on LVAD Support: 2022 and Beyond**

**Location: Hall D**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

**SESSION 58 (Symposium): Relative Contraindications to Heart Transplantation: Where is the Line?**

**Location: Ballroom B**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Research & Immunology

**SESSION 59 (Oral Session): Age, Size, Location: Studies in Survival after Lung Transplant**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Pediatrics, Pulmonology, Research & Immunology

**SESSION 60 (Symposium): Train the Trainer and Trainer Best Practices: What MCS Clinicians Can Learn From Their Patients**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Nursing and Allied Health

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Infectious Diseases

**SESSION 61 (Oral Session): Can't Stop the Beat: Impact of Novel Heart Transplant Practice on Rejection**

**Location: Ballroom A**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

**SESSION 62 (Symposium): Save the Beans: Recognition and Protection of Renal Function in Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Anesthesiology & Critical Care, Pharmacy and Pharmacology, Research & Immunology

**SESSION 63 (Oral Session): Improving Pediatric Heart Failure Care and Understanding Racial and Socioeconomic Bias in Pediatric Heart Transplant**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Pediatrics

Secondary Audiences: Cardiology, Cardiothoracic Surgery

3:15 – 4:45 p.m.

**SESSION 64 (Oral Session): Novel Approaches to Better Preserve Cardiac Grafts**

**Location: Hall D**

Core Therapy: HEART

Primary Audience: Research and Immunology

Secondary Audiences: Cardiology, Cardiothoracic Surgery

**SESSION 65 (Oral Session): Predictors of Graft Dysfunction in Heart Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pharmacy and Pharmacology

**SESSION 66 (Symposium): Navigating the COVID Pandemic: Clambering into the Lung Transplant Life Raft**

**Location: Ballroom C**

Core Therapy: LUNG

Secondary Core Therapies: HEART, MCS, PVD

Primary Audience: Infectious Diseases

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

**SESSION 67 (Oral Session): Everything Gets Better: Novel Technology for Unmet Needs and Improved Outcomes in MCS**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Cardiology, Pediatrics, Research & Immunology

**SESSION 68 (Symposium): HLA and Non-HLA Donor Specific Antibodies in Heart Transplantation: It is Time to Look for The Forest Beyond The Trees**

**Location: Ballroom A**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Research and Immunology

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology

**SESSION 69 (Oral Session): The Canary in the Coal Mine: Novel Indicators of CLAD Development**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiothoracic Surgery, Research & Immunology

**SESSION 70 (Oral Session): Little Patients with Big Hearts Need Our Support: MCS in Pediatrics**

**Location: Room 210**

Core Therapy: MCS

Primary Audience: Pediatrics

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health

5:00 – 6:00 p.m.

**MINI ORAL 13: Mystifying Mini Microbes in Heart Transplantation**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Infectious Diseases

Secondary Audiences: ALL

**MINI ORAL 14: Translational Science, Immunology, and Inflammation in Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Pulmonology

**MINI ORAL 15: A Little Trouble, A Little Support? Short Term MCS to The Rescue**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology

**MINI ORAL 16: Good, Better, Best - Never Let it Rest: MCS Patient Optimization and Myocardial Recovery**

**Location: Ballroom A**

Core Therapy: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology

**MINI ORAL 17: Lung Donor Selection, Management, and Allocation**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Pharmacy and Pharmacology, Pulmonology, Research & Immunology

**MINI ORAL 18: Heart and Beyond: Home, Jobs, Waitlists, and More**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology

**POSTER SESSION 3**

**Location: Poster Auditorium**

- Anesthesiology and Critical Care
- Cardiology (HEART)
- Cardiology (MCS)
- Cardiothoracic Surgery (HEART)
- Cardiothoracic Surgery (LUNG)
- Cardiothoracic Surgery (MCS)
- Pathology

- Pediatrics (HEART)
  - Pediatrics (LUNG)
  - Pediatrics (MCS)
  - Pulmonology
- 

## SATURDAY, 30 APRIL, 2022

7:00 – 8:00 a.m.

**SUNRISE 14: The Long and Short of It: Telomeres in Lung Transplantation**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Infectious Diseases, Pathology, Pharmacy and Pharmacology, Research & Immunology

**SUNRISE 15: The Right to MCS: Are We Still Allowed To Say NO?**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART, LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Nursing & Allied Health

**SUNRISE 16: The Human Microbiome: Hopes, Threats and Promises**

**Location: Ballroom A**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Cardiology

Secondary Audiences: Infectious Diseases, Pharmacy and Pharmacology, Research & Immunology

**SUNRISE 17: From the Ground Up: Developing Lung Transplant Programs When Resources are Limited**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Nursing & Allied Health, Pulmonology

**SUNRISE 18: Who's Keeping Score? Risk Scoring Systems and Contemporary Risk Factors for Primary Graft Dysfunction in Heart Transplantation**

**Location: Room 210**

Core Therapy: HEART

Secondary Core Therapies: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery

8:15 – 10:00 a.m.

**PLENARY 3 (Plenary Session): Plenary Session**

**Location: Ballroom B**

Core Therapy: ALL

Primary Audience: ALL

10:15 – 11:45 a.m.

**SESSION 71 (Symposium): Transformative Care: Literature Year in Review**

**Location: Ballroom B**

Core Therapy: ALL

Primary Audience: ALL

**SESSION 72 (Oral Session): COVID Consequences: Can We Protect the Lung?**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Infectious Diseases

Secondary Audiences: Cardiology, Cardiothoracic Surgery, Pathology, Pulmonology, Research & Immunology

**SESSION 73 (Symposium): Body Composition and Durable MCS: Too Obese, Too Cachectic or Just Right - the Goldilocks Dilemma**

**Location: Room 302/304**

Core Therapy: MCS

Secondary Core Therapies: HEART

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Nursing & Allied Health, Pediatrics

**SESSION 74 (Symposium): Heart, Liver, MCS, Oh My! Walking Down the Yellow Brick Road with Adult Congenital Heart Disease Patients**

**Location: Ballroom A**

Core Therapy: HEART

Secondary Core Therapies: LUNG, MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pulmonology

**SESSION 75 (Oral Session): A Cure for CLAD? Update on CLAD Therapeutics**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Pulmonology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**SESSION 76 (Oral Session): Everything You Wanted to Know About ddCF-DNA in Heart Transplant Recipients and Never Dared to Ask**

**Location: Room 210**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Research & Immunology



**12:00 – 1:30 p.m.**

**SESSION 77 (Oral Session): Infections at the Heart of the Matter**

**Location: Ballroom B**

Core Therapy: HEART

Primary Audience: Infectious Diseases

Secondary Audiences: Anesthesiology & Critical Care, Cardiology, Cardiothoracic Surgery, Nursing & Allied Health, Pathology, Pharmacy and Pharmacology, Research & Immunology

**SESSION 78 (Symposium): Human versus Beast: Advances in Translational Models of Lung Transplant**

**Location: Ballroom C**

Core Therapy: LUNG

Primary Audience: Cardiothoracic Surgery

Secondary Audiences: Pathology, Pulmonology, Research & Immunology

**SESSION 79 (Oral Session): All the Same - All Different! Uneven Burden in LVAD Patients**

**Location: Room 302/304**

Core Therapy: MCS

Primary Audience: Cardiology

Secondary Audiences: Anesthesiology & Critical Care, Cardiothoracic Surgery, Infectious Diseases, Nursing & Allied Health, Pediatrics

**SESSION 80 (Oral Session): More Than Meets the Gut: Nutrition and the Microbiome in Heart Transplantation**

**Location: Ballroom A**

Core Therapy: HEART

Primary Audience: Cardiology

Secondary Audiences: Cardiothoracic Surgery, Infectious Diseases, Pathology, Pediatrics, Pharmacy and Pharmacology, Research & Immunology

**SESSION 81 (Oral Session): Immune Manipulation to Keep CLAD Away**

**Location: Room 312**

Core Therapy: LUNG

Primary Audience: Research and Immunology

Secondary Audiences: Cardiothoracic Surgery, Pharmacy and Pharmacology, Pulmonology

**SESSION 82 (Symposium): Revisiting the Status Quo: Changing Paradigms in Routine Heart Transplant Rejection Surveillance**

**Location: Room 210**

Core Therapy: HEART

Secondary Core Therapies: LUNG

Primary Audience: Cardiology

Secondary Audiences: Nursing & Allied Health, Pathology, Pediatrics, Pharmacy and Pharmacology, Research & Immunology