

#ISHLT2021



# ISHLT 2021

## DAILY ACCESS



## Monday, 26 April, 2021



### Log In Information

The virtual platform for ISHLT2021 is now available! Use the button below to log in.

**LOG IN TO  
ISHLT2021**

*Chrome, Firefox, and Safari are recommended for this virtual experience.  
Microsoft Edge or Internet Explorer may not work.*

The mobile app for ISHLT2021, **sponsored by Medtronic**, is now live. Use the app to build your schedule, attend scientific sessions on the go, and get handy reminders about the meeting.

**DOWNLOAD NOW**



### Today's Highlights

When you log into the platform, click **All Sessions** under **Program** in the navigation, and click "Mon, Apr 26" to view live sessions for

today. **Remember that all sessions in the platform will appear in your local time zone.** Here are a few highlights coming up today.

6:15 – 7:45 a.m. EDT: **SYMPOSIUM 18: Joint ISHLT/PVRI Symposium – Of Mice and Men** (PVD)

The second joint symposium of ISHLT2021 was developed in collaboration with the **Pulmonary Vascular Research Institute (PVRI)**. This session will explore the management of pulmonary arterial hypertension (PAH) with world-leading experts, who will discuss how the future may look.



8:00 – 9:00 a.m. EDT: **WORKSHOP 10 The Eternal Challenge: Difficult-to-Treat Organisms in Thoracic Transplantation** (LUNG)

Despite advances in surgical technique and immunosuppressive management, infection remains a significant cause of morbidity among thoracic transplant recipients. This session, likely of special interest to infectious disease and pathology professionals, will explore drug-resistant pathogens and innovations in treating and managing them in our patients.



4:00 – 5:30 p.m. EDT: **SYMPOSIUM 22: Calculus, King Lear and COVID-19: Innovations During Plagues** (ALL)

This COVID-19 focused session will include sessions exploring the public pandemic response, case studies on long-term outcomes in transplant patients with COVID-19, and more. The session also features something unique to ISHLT2021—live presentations! **Michael Ison, MD**, will give an up-to-date review of challenges in the COVID-19 vaccine, while **Michael Osterholm, MD**, will provide a current epidemiologic perspective of the disease. You won't want to miss these extremely current talks.



**Networking Lounge Schedule**

To access these first-come, first-served lounges, click **Networking Lounges** in the navigation. Click Join Lounge to enter an open lounge, or click the **star** on the tile of the lounge you want to attend later to add it to your itinerary.

**7:30 – 8:30 a.m. EDT**

- **Affiliate Networking Lounge: Indian Society for Heart and Lung Transplantation**

**12:00 – 12:30 p.m. EDT**

- **Supporter Networking Lounge: Medtronic *Secure Surveillance Post LVAD: Patient Management Today & Tomorrow (by invitation only)***

**12:00 – 1:00 p.m. EDT**

- **Professional Community Networking Lounge: Research and Immunology *Discussing Research in the COVID-19 Era***
- **Affiliate Networking Lounge: Pediatric Heart Transplant Society *(by invitation only)***

**12:00 – 1:30 p.m. EDT**

- **Affiliate Networking Lounge: Women in Transplantation *Intersectionality Where Sex Meets Gender: Implications of COVID-19 (by invitation only)***

**12:30 – 1:00 p.m. EDT**

- **Supporter Networking Lounge: Medtronic *Advanced HVAD Waveform Discussion: Using HVAD Waveforms as a Non-Invasive Method to Estimate PCWP***

**1:00 – 2:00 p.m. EDT**

- **Professional Community Networking Lounge: Infectious Diseases *Discussing transplant infectious diseases***

- **Affiliate Networking Lounge: ISHLT en Español & Sociedad de Transplantes de America Latina y el Caribe**

**1:30 – 2:00 p.m. EDT**

- **Supporter Networking Lounge: Medtronic  
*The Thoracotomy Surgical Approach with the HVAD System***

**5:30 – 6:00 p.m. EDT**

- **Supporter Networking Lounge: Medtronic  
*MCS: Innovating to Realize Our Shared Vision***

**5:30 – 6:30 p.m. EDT**

- **Professional Community Networking Lounge: Anesthesiology and Critical Care  
*Social hour***



## Poster Office Hours

Have questions for the presenters? **Poster Office Hours** have been scheduled throughout the meeting to give attendees the opportunity to interact directly with poster presenters. Office Hours include video chat, are 30 minutes in length, and permit up to ten attendees to be in the "office" of a presenter at any given time. Check out the schedule below to see today's office hours for each poster session topic. To view them in the platform, tap **Office Hours** in the navigation to see the next upcoming posters and filter by topic.

- **9:30 – 10:00 a.m. EDT**
  - HEART: Clinical Immunology, Physiology, Other
  - HEART: Outcomes
- **10:00 – 10:30 a.m. EDT:**
  - MCS: Donor Related, Surgical, and Critical Care Medicine
  - MCS: Outcomes
- **10:45 – 11:15 a.m. EDT:**
  - LUNG: Clinical Immunology, Pathology, Physiology, Other (Clinical)
  - LUNG: Diagnostics, Patient Selection, Care and Management

- **5:30 – 6:00 p.m. EDT:** HEART: Post-Transplant Complications
- **6:00 – 6:30 p.m. EDT:** HEART: Diagnostics, Patient Care and Management



## Industry Events

ISHLT2021 is a great opportunity to connect with industry partners. Click **Industry Showcase** in the navigation to chat with and see resources from our industry partners. When viewing **All Sessions** in the **Program**, click “Non-CME Industry Symposia” in the navigation to see industry-provided sessions on their products, solutions, and innovations.

### 9:00 – 9:30 a.m. EDT

- **Industry Showcase: Dedicated Time**

This is a dedicated window of time to visit with a variety of partners in our Industry Showcase. These “virtual exhibit booths” give you a chance to check up on the latest industry innovations, and when you stop by during this dedicated window, you have a great chance for a live video chat with someone from these companies.

### 9:30 – 10:30 a.m. EDT

- **CareDx** – Non-CME Industry Symposium: *AlloSure Lung: Donor-Derived Cell-Free DNA as an Innovative Biomarker for Lung Transplant Patients*

### 10:45 – 11:45 a.m. EDT

- **Abiomed** – Non-CME Industry Symposium: *Hospital to Home: Walking and Talking on ECMO*
- **One Lambda** – Non-CME Industry Symposium: *Innovations in Rejection Surveillance after Heart Transplantation*



## Yesterday's Highlights

For the second day of ISHLT2021, attendees gathered across 26 different scientific sessions, 3 Industry Symposia, and a variety of Networking Lounges.

### ***David O. Taylor, MD, Awarded 2021 Lifetime Achievement Honor***



At the beginning of yesterday's plenary session, ISHLT recognized the recipient of the 2021 Lifetime Achievement Award, **David O. Taylor, MD**. A poignant laudation of Dr. Taylor was delivered by **Randall Starling, MD, MPH, FACC, FAHA, FESC, FHFA**, of the Cleveland Clinic, as he honored him as the Lifetime Achievement Awardee.

"David Taylor was the epitome of a professional," Starling said. He was a master clinician and educator.

For Dr. Taylor, patients were always first... his priorities were always 'we' and never 'me.'"

***Watch a quick video honoring David Taylor on the ISHLT YouTube channel.***

Dr. Taylor died in 2020 after a brief illness, and is a much-missed figure in the field of transplant cardiology. Dr. Starling's laudation of Dr. Taylor will be available as part of on-demand viewings of Plenary 02 on the platform until 30 July, 2021.

### ***Second Plenary Session Focuses on Issues of Interest Across the Interdisciplinary Team***

The second plenary session of the meeting brought together the entire ISHLT community for presentations of interest across the interdisciplinary

teams in cardiothoracic transplantation.

The session included three invited talks:



**Mandy Ford, PhD**, presented a talk entitled *Is the Well Dry: What has Happened to the Immunosuppressive Drug Pipeline?*, exploring the challenges hindering the development of new immunosuppressant drugs in thoracic organ transplantation. She outlined a number of candidate drugs and biologic agents which hold promise in the next decade for organ transplantation, propelled by our understanding of pathways that lead to rejection, tissue repair, genomic analysis and immune tolerance.



**Bart Meyns, MD, PhD**, presented a featured talk entitled *Latest Insights into Myocardial Recovery during Mechanical Circulatory Support*. His lecture focused on molecular, histological, physiological and cellular findings and how they correlate with functional outcomes to better define mechanistic approaches to facilitating more productive myocardial recovery.



Finally, **Pablo Ross, PhD**, spoke about *Interspecies Chimeras and the End of the Waitlist: Fair Game or Fanciful Folly*. This

presentation focused on the feasibility of clinical human transplantation utilizing a large animal host for the generation of appropriately sized humanized organs and following harvesting of autologous PSC from patients with end stage cardiac or respiratory failure. The presentation included an outline of technical, biological, and ethical hurdles, as well as future challenges.

The session also included two featured abstracts:



**Kamrouz Ghadimi, MD**, presented an abstract entitled *Inhaled Selective Pulmonary Vasodilators for Advanced Heart Failure Therapies*, and was joined in discussion with John Dark, MB, FRCS. The triple-blinded study investigation aimed to determine if inhaled epoprostenol is equivalent to iNO in the ability to modify acute RVF after advanced heart failure therapies.



**Robert Frantz, MD**'s abstract was entitled *First Results of Soprano: Macitentan in Patients (pts) with Pulmonary Hypertension (PH) Post-Left Ventricular Assist Device (LVAD) Implantation*, and he was joined by **Mardi Gomberg-Maitland, MD, MSc**, as a featured discussant. The purpose of the study was to assess the efficacy and safety of macitentan in pts with PH post-LVAD. The study found that macitentan significantly reduced PVR and was well tolerated, and that the impact of macitentan on post-LVAD exercise capacity and RV failure warrants further study.

The plenary session will be available for on-demand viewing on the



platform until Friday, 30 July, 2021.

## ***Early Career and Trainees Clinical Case Dilemmas***

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Sunday featured ORAL SESSION 16, the Early Career and Trainees Clinical Case Dilemmas presentation, featuring the best of the best across all four Interdisciplinary areas. The four top scoring case report submissions (one from each core therapy: Advanced Heart Failure and Transplantation, Advanced Lung Failure and Transplantation, Mechanical Circulatory Support, and Pulmonary Vascular Disease) were presented by early career professionals and trainees who are first authors.



**HEART:** *Donor Bicuspid Aortic Valve: Double Trouble or No Problem?*, presented by **Patrick Day, MD**

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**MCS:** *Extracorporeal Membrane Oxygenation Dependent COVID19 Hospital Transfers*, presented by **Andres Leal, MD**

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**PVD:** *Metastatic Signet Ring Cell Carcinoma Masquerading as Acute on Chronic Thromboembolic Pulmonary Hypertension Requiring ECMO*, presented by **Daniel Beauchamp, MD**

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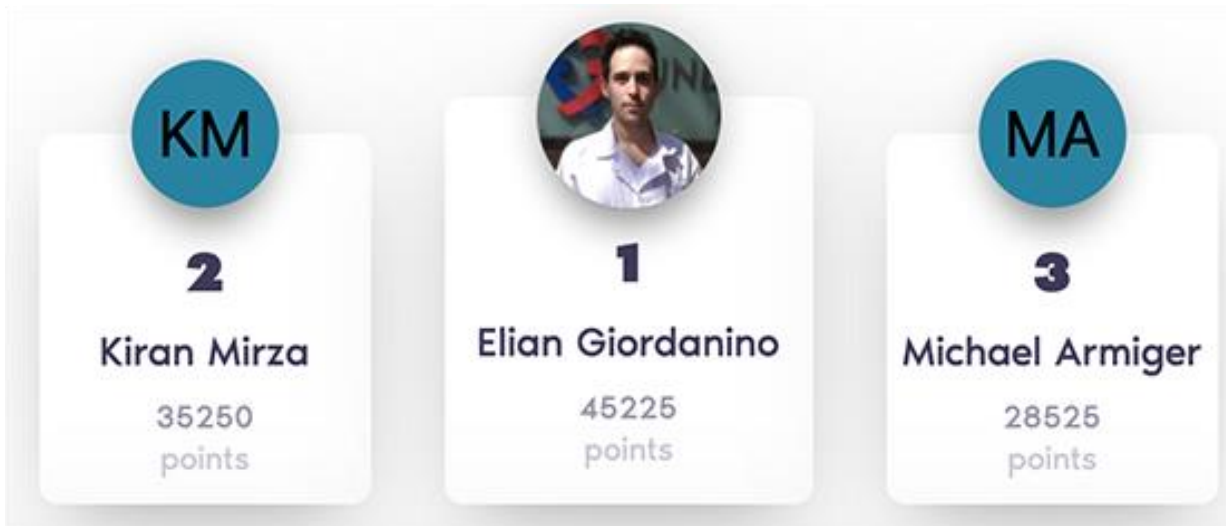
**LUNG:** *Hermansky-Pudlak Syndrome and Lung Transplantation: A Single Center Case Series*, presented by **Seema Qayum, MD**

If you missed the session, it's worth watching on demand, as these case studies are always a fascinating highlight of the Annual Meeting. After the meeting, a panel of judges will convene online to select the best case presentation, which will be announced on an ISHLTv webinar in October 2020. The award recipient will receive complimentary registration to the ISHLT 2022 Annual Meeting and Scientific Sessions.



## Game Leaderboard

Want to play a game? Click **Game** in the navigation of the platform to play ours. Click **My Tasks** to see what you need to do to earn points in the platform. The attendee with the most points prior to the start of the Closing Plenary Session at 4:00 p.m. EDT on Wednesday, 28 April will receive a new set of Apple AirPods Pro.



*Current Leaders as of Sunday, 25 April at 6:00 p.m. EDT*



## Social Media Posts

Are you following along on social media? There's a great conversation going. Click **Activity Feed** in the platform to see all the current discussion posts inside the platform and view the Twitter feed on the left, or visit the **#ISHLT2021** hashtag on Twitter to tap into the most current version of the conversation.

**Dave Peng** @DavePengMD

The room where it happened! #ISHLT2021 Figuring how to grow pediatric presence, opportunities, and learning in @ISHLT. Thank you for your support! @IshltPres @ldanzigerisakov @nehban @josephspinner @LortsAngie @DrRockySingh @MPloutzMD @ShaanAmdani @KSimpsonMD @JustinGodown



**Paola Morejón Barragán** @paomorejon

#ISHLT2021 @ISHLT

Múltiples cambios fisiopatológicos, pero tienen en común la "miopatía auricular izquierda"

La aurícula izquierda tiene funciones como un órgano neuroendocrino

#ISHLTenEspañol #HFpEF #Cardioed #CardioTwitter

Translate Tweet



9:08 AM - Apr 25, 2021 - Twitter for iPhone

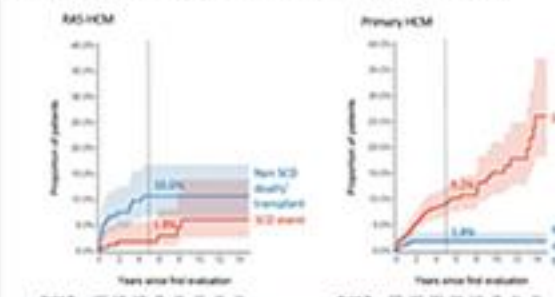
**Aine Lynch** @AineLynch8

Grateful for the collaboration of all centers internationally in advancing our understanding of high risk cohort. And of course the incredible mentorship of @seema\_mital #ISHLT2021

**PHTSociety** @PHTSociety · 14h

Dr. @AineLynch8 and colleague from across North America presented data showing lower incidence of sudden cardiac death in RAS associated HCM. @seema\_mital @ryanbutts @marcrichmond1 @jen\_conway1 #HCM #RAS #SCD #ICD #ISHLT2021

Figure 3. Cumulative proportion with SCD events or non-SCD death/transplant



**RAS-HCM**

Years since first evaluation	Non-SCD death/transplant (%)	SCD event (%)
0	0.0%	0.0%
1	~10.0%	~1.0%
2	~20.0%	~2.0%
3	~30.0%	~3.0%
4	~40.0%	~4.0%
5	~50.0%	~5.0%
6	~60.0%	~6.0%
7	~70.0%	~7.0%
8	~80.0%	~8.0%
9	~90.0%	~9.0%
10	~100.0%	~10.0%

**Primary HCM**

Years since first evaluation	Non-SCD death/transplant (%)	SCD event (%)
0	0.0%	0.0%
1	~10.0%	~1.0%
2	~20.0%	~2.0%
3	~30.0%	~3.0%
4	~40.0%	~4.0%
5	~50.0%	~5.0%
6	~60.0%	~6.0%
7	~70.0%	~7.0%
8	~80.0%	~8.0%
9	~90.0%	~9.0%
10	~100.0%	~10.0%

**Yas Moayed** @YasMoayed

Day 2 #ISHLT2021 @laentrubymd gives a fantastic talk on behalf of the #pgdconsortium we are moving the needle on #PGD #ETEC @KiranKhush1 @hearthealthydoc @faridftn @jihohan2 @MaryJaneFarrMD @shelleyhallmd @LuPoten @robertjhmiller #sharonchih #andreaszuckermann

**The International Consortium on PGD**



7:10 AM - Apr 25, 2021 - Twitter Web App



## X-CD Tech Support Information

Having trouble inside the platform? Click **Technical Live Chat Support** at the bottom of the navigation menu. This live chat widget will connect you with someone at X-CD who can help you with technical issues with the platform.

Not able to get into the platform? Scroll to the top of the email and click the LOG IN NOW button.



## ISHLT Help Desk

Need to talk to someone at ISHLT? In the platform, click **ISHLT Live Chat Support** at the bottom of the navigation menu. This live chat widget will connect you with an ISHLT staff member for assistance. If you're not able to reach us via chat, contact ISHLT at [meetings@ishlt.org](mailto:meetings@ishlt.org) or call us at +1-972-490-9495.

GUARDIAN GLOBAL UTILIZATION AND REGISTRY DATABASE FOR IMPROVED HEART PRESERVATION

Mini Oral Session 04:  
285 - First Report of the GUARDIAN Registry

Monday, April 26, 2021  
4:50 PM EST

Come learn about the first multicenter data analysis on over 200 transplant recipients

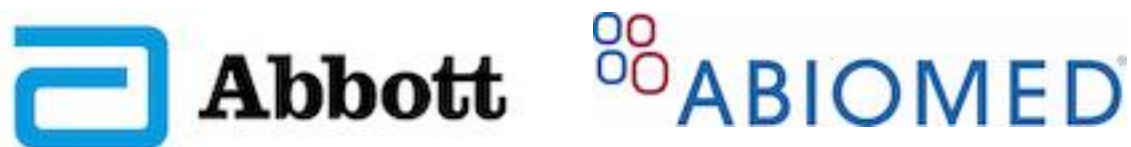
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