

THE SCIENCE OF  
TOMORROW  
STARTS **TODAY**



# ATC2021

*Virtual*CONNECT

[atcmeeting.org](https://atcmeeting.org)

**JUNE 4-9, 2021**

## Registration Brochure & Scientific Program

**DISCOUNTED REGISTRATION DEADLINE  
MAY 5, 2021**

**#ATC2021VirtualConnect**

# ATC2021

## VirtualCONNECT

# Live

## Broadcast Dates: June 4 – 9, 2021

### ALL-NEW ENHANCED EXPERIENCE!

We are excited to announce ATC 2021 *Virtual Connect*, an **all-new**, completely **enhanced** virtual meeting experience. Gain immediate access to innovators in the field and have your voice heard through various types of interaction



#### Real-Time Interactivity

The 2021 program will provide ample opportunities for real-time interactivity through:

- Live Video Discussions
- Invigorating Q&A Discussions Post-Presentation
- Live Presentations by Abstract Presenters
- Engaging, Unconventional Networking Breaks
- Live Symposia Presentations



#### Over 200 Education Credit and Contact Hours

ATC provides CME, ANCC, ACPE, and ABTC credits/contact hours. Yearlong access allows you to take advantage of the over 200 credits/contact hours available. This is the most credits/contact hours ATC has ever been able to provide!

Continue to check the ATC website for final credit/contact hour details, [www.atcmeeting.org](http://www.atcmeeting.org).



#### Mobile Responsive Access

You'll be able to access *Virtual Connect* on-the-go, earn your education credit or contact hours, hear the latest innovations, and build your professional network – all from the comfort and safety of your home or office.



#### In-Depth Symposia Included in Virtual Connect

Included with ATC 2021 *Virtual Connect* are 9 In-Depth Symposia. These symposia will be live broadcasted on Friday, June 4, 2021, and then available in the OnDemand format until **June 3, 2022**.



#### Yearlong Access to OnDemand Content

By registering to attend ATC 2021 *Virtual Connect*, you also will gain yearlong access to all Live Broadcast sessions available in an OnDemand format. The access includes all Plenary Sessions, Rapid Fire Oral Abstracts, and Poster Presentations. The OnDemand Access is available until June 3, 2022.



#### Time Zone Schedule of Program – Eastern Time Zone

The program schedule is built in Eastern Time Zone. The Virtual Connect platform will provide options to display the program times in the time zone you reside in or display in Eastern Time Zone.

# ABOUT ATC

The American Transplant Congress (ATC) is the joint annual Congress of the American Society of Transplant Surgeons (ASTS) and the American Society of Transplantation (AST). ATC provides a forum for exchange of new scientific and clinical information relevant to solid organ and tissue transplantation and brings together transplant physicians, scientists, nurses, organ procurement personnel, pharmacists, allied health professionals, and other transplant professionals. The educational offerings provide attendees the opportunity to learn cutting-edge advances in research and promotes the exchange of ideas and practice in the field of solid organ and tissue transplantation. ATC is an annual Congress that welcomes over 5,000 transplant professionals to present cutting-edge science that covers all organ types and offers insight into the future of the field and patient care.

## About ASTS

The American Society of Transplant Surgeons represents approximately 1,800 professionals dedicated to excellence in transplantation surgery. ASTS advances the art and science of transplant surgery through patient care, research, education, and advocacy. To learn more, visit [ASTS.org](http://ASTS.org) or email us at [asts@asts.org](mailto:asts@asts.org).

## About AST

Founded in 1982, the American Society of Transplantation ([www.myAST.org](http://www.myAST.org)) is dedicated to advancing the field of transplantation and improving patient care by promoting research, education, advocacy, organ donation, and service to the community. The society, with over 4,000 members, is the largest organization of transplant professionals in North America. Other transplant organizations, policy makers, regulatory agencies, payors, academic institutions, and the general public look to the AST for guidance, research, and resources related to transplantation.

## CONTACT ATC

### Congress Headquarters

#### American Transplant Congress

1120 Route 73, Suite 200

Mt. Laurel, NJ 08054

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E-mail: [atc@atcmeeting.org](mailto:atc@atcmeeting.org)

Website: [atcmeeting.org](http://atcmeeting.org)

### Congress Team

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## 2021 PROGRAM PLANNING COMMITTEE

### Executive Program Planning Committee

#### CHAIRS

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*Duke University Medical Center*  
 Durham, NC

**Maryl Johnson, MD**  
*University of Wisconsin, Madison*  
 Madison, WI

#### CO-CHAIRS

**Matthew Levine, MD, PhD**  
*University of Pennsylvania*  
 Philadelphia, PA

**Jesse Schold, PhD, M.Stat, M.Ed**  
*Cleveland Clinic Foundation*  
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**Linda Sher, MD**  
*University of Southern California*  
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**Andrew Adams, MD, PhD**  
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 Minneapolis, MN

### Program Planning Committee

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*University of Chicago Medicine*  
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**Vikas Dharnidharka, MD, MPH**  
*Washington University St. Louis*  
 St. Louis, MO

**Christina Doligalski, PharmD**  
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**Amy Friedman, MD**  
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*University of Pennsylvania*  
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**Roberto Hernandez, MD**  
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**Daniela Ladner MD, MPH**  
*Northwestern University*  
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**Didier Mandelbrot, MD**  
*UW Health*  
 Madison, WI

**Christopher Marsh, MD**  
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*Duke University*  
 Durham, NC

**Parisa Vagefi, MD**  
*University of Texas Southwestern*  
 Dallas, TX

### Statement of Need

The field of solid organ and tissue transplantation is continuously changing and developing. With the rapid advances in transplantation research and medicine, transplant professionals require ongoing educational opportunities to stay current, and to maintain and improve their knowledge, competence, and performance. Thus, this educational forum will generate activities and interventions that are designed to change and update the learners' competence, performance, and patient outcomes in the field of solid organ and tissue transplantation. The educational content of this meeting was developed by experts in scientific and clinical transplantation and was determined by rigorous assessment of learners' feedback from prior meetings, expert faculty assessment, literature review, medical practice, and new medical technology.

### Purpose of Activity

ATC educational offerings will provide transplant professionals a learning environment designed to address their professional practice gaps through a variety of learning formats that will encourage the exchange of new scientific concepts, emerging technologies, and medical advances. Learners will engage in interactive discussions, case presentations, workshops, and other activities designed to improve competence and professional and patient outcomes.

## ASTS COUNCIL 2020 – 2021



## AST BOARD 2020 – 2021

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### Chief Executive Officer

Shandie Covington, FAST

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 Website: [www.asts.org](http://www.asts.org)

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 Website: [www.myAST.org](http://www.myAST.org)



The American Transplant Congress is designed for

**physicians,**  
**surgeons,**  
**scientists,**  
**nurses,**  
**organ procurement personnel,**  
**pharmacists** and  
**other transplant professionals**

who are interested in the clinical and research aspects of solid organ and tissue transplantation. The meeting will provide the most current information in the field of transplant science.



# Overview

## OF THE AMERICAN TRANSPLANT CONGRESS

The American Transplant Congress is the Joint Annual Meeting of the American Society of Transplant Surgeons (ASTS) and the American Society of Transplantation (AST). The ATC provides a forum for exchange of new scientific and clinical information relevant to solid organ and tissue transplantation and brings together transplant physicians, scientists, nurses, organ procurement personnel, pharmacists, allied health professionals, and other transplant professionals. The educational offerings provide attendees the opportunity to learn cutting-edge advances in research and exchange ideas and practices in the field of solid organ and tissue transplantation.

- To provide a forum for exchange of new scientific and clinical information relevant to solid organ and tissue transplantation.
- To create an arena for the interchange of ideas regarding care and management of organ and tissue transplant recipients.
- To facilitate discussions of socioeconomic, ethical, and regulatory issues related to solid organ and tissue transplantation.

Scientific material will be presented through symposia, oral abstracts, concurrent sessions, and poster presentations as well as small group workshops designed for in-depth exploration of both clinical and basic science topics.

A variety of formats are planned that will encourage the exchange of new scientific and clinical information and support an interchange of opinions regarding care and management issues, as well as socioeconomic, ethical, and regulatory issues relevant to organ and tissue transplantation.

## Statement of Need

The field of solid organ and tissue transplantation is continuously changing and developing. With the rapid advances in transplantation research and medicine, transplant professionals require ongoing educational opportunities to stay current, and to maintain and improve their knowledge, competence, and performance. Thus, this educational forum will generate activities and interventions that are designed to change and update the learners' competence, performance, and patient outcomes in the field of solid organ and tissue transplantation. The educational content of this meeting was developed by experts in scientific and clinical transplantation and was determined by rigorous assessment of learners' feedback from prior meetings, expert faculty assessment, literature review, medical practice, and new medical technology.

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## Accreditation

ATC provides CME, ANCC, ACPE, and ABTC credits/contact hours. Yearlong access allows you to take advantage of over 200 credits/contact hours available. This is the most of amount of credits/contact hours ATC has ever been able to provide!

Continue to check the ATC website for final credit/contact hour details, [www.atcmeeting.org](http://www.atcmeeting.org).

### CME

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical

Education (ACCME) through the joint providership of the American Society of Transplant Surgeons (ASTS) and the American Society of Transplantation (AST). The American Society of Transplant Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Transplant Surgeons designates this live activity for a maximum of 203.75 *AMA PRA Category 1 Credit(s)*™. Final credit hours are subject to change and will be provided onsite. Physicians should claim only the credit commensurate with the extent of participation in the activity.



### ANCC, ACPE, CEPTC

In support of improving patient care, this activity has been planned and implemented by Amedco LLC and the American

Transplant Congress. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### Nurses (ANCC)

Credit Designation Statement – Amedco LLC designates this activity for a maximum of 206.75 ANCC contact hours.

### Pharmacists and Pharmacy Technicians (ACPE)

Amedco LLC designates this activity for a maximum of 206.75 knowledge-based CPE contact hours.

***NOTE to Pharmacists: The only official Statement of Credit is the one you pull from CPE Monitor. You must request your certificate within 30 days of your participation in the activity to meet the deadline for submission to CPE Monitor.***

### Transplant Coordinators

This activity has been submitted to the American Board for Transplant Certification (ABTC) for Category 1 Continuing Education Points for Transplant Coordinators (CEPTCs). Please check back for more information.

# Program Types

ATC is designed with a variety of program layouts and formats to engage all types of learners. Take advantage of the multi-disciplinary nature of the ATC by reviewing the Program Descriptions below.

## IN-DEPTH SYMPOSIA

**Friday, June 4 • 3:00 – 5:30 PM ET**

Pre-recorded presentations with Live Video Question and Answer at the end of each session.

In-Depth Symposia are 2 and ½ hour sessions designed around a specific topic of interest. These sessions provide in-depth state-of-the-art information focused both on clinical and research areas from various perspectives, allowing attendees to make connections and incorporate the knowledge acquired into their everyday practice.

### Attendee Profile:

- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments

## IMPACT SESSIONS

**Saturday, June 5 – Wednesday, June 9  
9:00 – 10:00 AM ET**

**Saturday, June 5 – Tuesday, June 8  
3:00 – 4:00 PM ET**

Pre-recorded presentations with Live Video Question and Answer at the end of each session.

Learn from Industry Innovators on how the transplant industry is transforming your daily work lives for

tomorrow's advancements. Attendees can expect to leave these sessions armed with cutting-edge information that will pave the way to the future of the industry.

### Attendee Profile:

- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments
- Interactive Debaters

## EXPERT VIP MEET-UP

**Saturday, June 5 • 8:45 – 9:30 PM ET  
Tuesday, June 8 • 8:45 – 9:30 PM ET**

Live Video Discussion, Question and Answer sessions.

Gain exclusive access to Mentor Experts in the field. These sessions are designed in an intimate discussion setting — NO formal slide presentations. The purposeful layout is designed to allow interaction and discussion, while creating new connections.

Session attendance is limited to 50 attendees.

### Attendee Profile:

- Early Career
- Mentor/Expert Wanting to Share Comments



**Program Types** (CONTINUED)

## CONTROVERSIES IN TRANSPLANTATION

**Wednesday, June 9 • 10:30 – 11:30 AM ET**

Pre-recorded presentations with Live Video Question and Answer at the end of each session.

Come experience top level experts debate controversial topics in both Basic and Clinical science.

### Attendee Profile:

- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments
- Interactive Debaters

## FOCUS IN TRANSPLANTATION

**Saturday, June 5 • 4:30 – 7:00 PM ET**

**Sunday, June 6 • 4:30 – 7:00 PM ET**

Pre-recorded presentations with Live Video Question and Answer at the end of each session.

Deep dive into focused presentations on Basic and Translational science. Individual sessions on “Basic: New Roles of Secondary Immune Organs in Rejection” and “Translational: Solving the Donor Shortage with Science” will be presented.

### Attendee Profile:

- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments

## ABSTRACT PRESENTATIONS

### Plenary Abstract Sessions

**Saturday, June 5 – Tuesday, June 8  
10:30 – 11:30 AM ET**

Pre-recorded 10-minute abstract presentations with Live Video Question and Answer at the end of each session.

Top-rated abstracts submitted through the ATC abstract submission process are presented orally with time for questions from the audience at the end of the session.

### ATC's People's Choice Award

**Tuesday, June 8 • 11:30 – 11:45 AM ET**

At the end of final Plenary session, attendees will be given the opportunity to **VOTE** on which Plenary abstract presentation is the **MOST** impactful to the transplant community.

### Rapid Fire Oral Abstract Sessions

**Saturday, June 5 – Tuesday June 8  
4:30 – 5:30 PM ET**

**Saturday, June 5 – Tuesday, June 8  
6:00 – 7:00 PM ET**

Pre-recorded 5-minute abstract presentations with Live Video Question and Answer at the end of each session.

Abstracts submitted through the ATC abstract submission process are presented orally with time for questions from the audience at the end of the session. Sessions are designed with specific topic-driven presentations.

### Video Poster Chat Sessions

**Saturday, June 5 – Tuesday, June 8  
7:30 – 8:30 PM ET**

Live 5-minute poster presentations with live 5-minute question and answer after each poster presentation.

Abstracts submitted through the ATC abstract submission process are presented live by sharing their poster graphic to the audience with a short 5-minute presentation. Live 5-minute questions from the audience after each poster. Sessions are designed with specific topic-driven presentations.

# Discounted Registration Deadline: May 5, 2021

Registration Type	Discounted Registration by May 5, 2021	Regular Registration after May 5, 2021
Member (ASTS, AST, or Dual)	\$375	\$450
Non-Doctoral Member (ASTS or AST)	\$175	\$225
Trainee Member (ASTS or AST)	\$0	\$0
Trainee Non-Member*	\$125	\$125
Non-Member	\$575	\$650
Non-Doctoral Non-Member	\$325	\$400
Senior/Emeritus Member	\$0	\$0

\*Trainee non-members must provide proof of eligibility.

## Registration Category Types

### Member

To register as a member, you must be a current doctoral member of **AST, ASTS or both societies**. This membership category includes MD, PhD, PharmD, DO or equivalent doctoral degrees only. Non-doctoral degree holders should register under the Non-Doctoral Member category.

### Non-Doctoral Member

Members of AST or ASTS who hold non-doctoral degrees are eligible to register under this category. This category includes the following occupation types:

- Research Assistant
- Nurse
- Physician's Assistant
- Transplant Coordinator
- Transplant Administrator
- Lab Technician
- Pharmacy Technician
- Other Allied Health or Pharmacy Occupations

### Trainee Member

You must be a current trainee member of either AST or ASTS to register as a trainee member.

### Non-Member

If you are a doctoral degree holder (MD, PhD, PharmD, DO or equivalent) with no membership affiliation to AST or ASTS, you should register as a non-member.

### Non-Doctoral Non-Member

Those who fall under one of the occupation types above (under non-doctoral member) but have no membership affiliation with AST or ASTS should register as a non-doctoral non-member.

### Trainee Non-Member

If you are not a member of AST or ASTS, but you are a student/resident studying under a program director, you should register as a trainee non-member. To register under this category, you must provide proof of your status as a medical student/resident. A signed letter from your program director must be sent no later than May 18, 2021. When you complete your registration, you will need to email your letter to [atc@atcmeeting.org](mailto:atc@atcmeeting.org). Your registration will not be complete until this letter is received and uploaded online. If you fail to provide the letter by this date, you will not be provided access to *Virtual Connect*.

**No exceptions will be made.**

*If you are still unsure what category you should register under, please contact us before registering to avoid choosing the incorrect category and paying the change fee.*

## Process & Payment

The ATC offers discounted registration fees if you register by **May 5, 2021**. Registration must be completed online along with full payment by this date to qualify for the discounted registration fee. Early registration is strongly recommended.

### Online Registration

Registration must be completed online, [www.atcmeeting.org](http://www.atcmeeting.org).

### Payment

Registration must be paid using a valid credit card online. Wire transfers are not accepted for individual registrations or groups. Full payment must accompany all registrations and registration will not be final until payment is received.

**Payment will be reflected as** 'American Transplant Congress'.

**Credit Cards Accepted:** Visa, American Express, MasterCard

### Registration Fees for ASTS/AST Members

The ATC offers reduced registration fees to ASTS or AST members. Membership dues for 2021 must be paid by **May 28, 2021** to qualify for **MEMBER** registration fees. **NEW** member applications are subject to additional processing time following payment.

#### Questions regarding your ASTS or AST membership?

**AST Membership:** Julie Atkinson at [jatkinson@myast.org](mailto:jatkinson@myast.org) or 856-380-6819

**ASTS Membership:** Membership team at [membership@asts.org](mailto:membership@asts.org) or 703-414-7870

\*New/Renewing membership in ASTS or AST may take 5–10 business days to be active in the ATC registration system. We appreciate your patience.

## Policies

### Cancellations/Refunds

Requests for cancellation/refunds must be submitted via email to the **ATC Registration Manager**, at [nwilliams@atcmeeting.org](mailto:nwilliams@atcmeeting.org) by **May 20, 2021** to be eligible for reimbursement. Refund requests after May 20, 2021 will not be honored.

There will be a \$75.00 processing fee for all refunds. Refunds will not be processed until after the meeting.

### Name Changes

All name changes must be received via email to the **ATC Registration Manager**, at [nwilliams@atcmeeting.org](mailto:nwilliams@atcmeeting.org) by **May 20, 2021**. If you would like to make a name change after this date, there will be a \$25.00 charge per name change.

### Incorrect Registration Category

If you register under the incorrect registration category, there will be a \$75 processing fee to alter your registration. Please make sure you have carefully reviewed the registration types before you register.

Requests to change a registration category must be submitted via email to the **ATC Registration Manager**, at [nwilliams@atcmeeting.org](mailto:nwilliams@atcmeeting.org) by **May 20, 2021**. We are not able to change your registration type after this date.

### Virtual Code of Conduct

All attendees, speakers, moderators, press, and companies participating in the ATC Virtual Connect are permitted to view other speaker's and company's information and presentations with the understanding to respect each other's academic research. Inappropriate and/or derogatory comments and interactions will not be tolerated.

It will be the discretion of ATC to remove any 2021 Virtual Connect participant's and/or company sponsor information from the Virtual Connect Portal and not permit company to participate in ATC 2022 should this practice not be followed.

## Friday, June 4, 2021

### Welcome

2:45 PM - 4:25 PM

### In-Depth

3:00 PM - 5:30 PM

Program Topic: Prof Develop

Mastering the Transplant Essentials

3:00 PM - 5:30 PM

#### Moderators:

**Georgeine Smith, MS, PA-C, MHS**, Hospital of the University of Pennsylvania, Philadelphia, PA  
**Jennifer Sharp, MS**, University of Michigan, Ann Arbor, MI

3:00 PM - 3:10 PM

#### Basic Immunology Overview

**Leonardo Riella, MD, PhD**, Massachusetts General Hospital, Boston, MA

3:10 PM - 3:20 PM

#### Pharmacology Basics for Transplantation

**Christin Rogers Marks, PharmD BCPS FAST FCCP**, Massachusetts General Hospital Transplant Center, Norton, MA

3:20 PM - 3:30 PM

#### Anxiety, Depression, and Non-compliance in Transplant

**Mary Amanda Dew, PhD**, University of Pittsburgh School of Medicine and Medical Center, Pittsburgh, PA

3:30 PM - 3:40 PM

#### Transplant Drug Abuse and Caregiver Concerns

**Regina Miller, BA, BSN, MSS, LCSW**, Penn Medicine-HUP, Philadelphia, PA

3:40 PM - 4:00 PM

#### Live Video Question and Answer

4:00 PM - 4:30 PM

#### Break

4:30 PM - 4:40 PM

#### Abdominal Complications

**Katherine Klingenberg, PA-C**, University of Colorado, Evergreen, CO

4:40 PM - 4:50 PM

#### Thoracic Complications

TBD

4:50 PM - 5:00 PM

#### Early Infections in Transplant Patients – Case Studies

TBD

5:00 PM - 5:30 PM

#### Live Video Question and Answer

Program Topic: Other

Racism in Transplantation: Current State and Future Directions

3:00 PM - 5:30 PM

#### Moderators:

**Marie Chisholm-Burns, PharmD, MPH, MBA**, University of Tennessee Health Science Center College of Pharmacy, Memphis, TN  
**Andre Dick, MD, MPH**, University of Washington School of Medicine Seattle, Seattle, WA

3:00 PM - 3:15 PM

#### Clinical Care

**Juan Caicedo, MD**, Northwestern University, Chicago, IL

3:15 PM - 3:30 PM

#### Research

**Tanjala Purnell, PhD, MPH**, Johns Hopkins School of Medicine, Baltimore, MD

3:30 PM - 3:45 PM

#### Education and Workforce

**Benjamin Samstein, MD**, Weill Cornell Medical Center, New York, NY

**3:45 PM - 4:00 PM**

**Activism/Community Engagement**

**Remonia Chapman**, Detroit MOTTEP, Detroit, MI

**4:00 PM - 5:30 PM**

**Live Video Question and Answer**

**Program Topic: Basic & Translational**

**New Approaches to Tackling Alloimmunity**

**3:00 PM - 4:00 PM**

**Moderators:**

**Reza Abdi, MD**, Brigham & Womens Hosp, Boston, MA

**Ginny Bumgardner, MD PhD FACS**, Ohio State University, Columbus, OH

**3:00 PM - 3:15 PM**

**Modifying Immunogenicity of the Donor Organ**  
**TBD**

**3:15 PM - 3:30 PM**

**Cellular Therapy to Modify the Recipient Immune System**  
**TBD**

**3:30 PM - 3:45 PM**

**Delivery of Targeted Immunosuppression**  
**TBD**

**3:45 PM - 4:00 PM**

**Live Video Question and Answer**

**4:00 PM - 4:30 PM**

**Break**

**4:30 PM - 4:45 PM**

**Modifying the Immune Trafficking**

**Jonathan Bromberg, MD, PhD**, University of Maryland School of Medicine, Baltimore, MD

**4:45 PM - 5:00 PM**

**Single Cell Analysis for Diagnostics?**

**Andrew Malone, MD**, Washington University School of Medicine, Saint Louis, MO

**5:00 PM - 5:15 PM**

**Update on Tolerance Induction Protocols**

**Megan Sykes, MD**, Columbia University, New York, NY

**5:15 PM - 5:30 PM**

**Live Video Question and Answer**

**Program Topic: Pharmacy**

**Comprehensive Management in Multi-Organ Transplantation: It Takes a Village**

**3:00 PM - 5:30 PM**

**Moderators:**

**Linda Ohler, MSN, RN, CCTC, FAAN, FAST**, Vienna, VA

**Laura Maria Lourenco Jenkins, Doctor of Pharmacy**, University of Chicago Medicine, Chicago, IL

**3:00 PM - 3:10 PM**

**SRTR Outcomes and Multi-Organ Transplants**  
**Jon Snyder, PhD**, Hennepin Healthcare Research Institute, Minneapolis, MN

**3:10 PM - 3:20 PM**

**Allocation of Multi-Organ Transplants & Ethical Implications**  
**Peter Reese, MD**, University of Penn, Philadelphia, PA

**3:20 PM - 3:30 PM**

**An Alternative Strategy: Sequential Versus Combined Transplantation - Are Two Operations Better Than One?**

**Sylvester Black, MD, PhD**, Ohio State University, Columbus, OH

**3:30 PM - 3:40 PM**

**Prepping the Patient: Surgical Sequence & Peri-operative Management of a Multi-organ Recipient**  
**Richard Daly, MD**, Mayo Clinic, Rochester, MN



**3:40 PM - 4:00 PM**

Live Video Question and Answer

**4:00 PM - 4:30 PM**

Break

**4:30 PM - 4:40 PM**

An Immunologic Perspective: Can the Liver  
 “Tolerate” the Rest?

**Annette Jackson, PhD**, Sparks Glencoe, MD

**4:40 PM - 4:50 PM**

The Multi-Multidisciplinary Team: Inpatient and  
 Outpatient Coordination of Care for Multi-organ  
 Transplant Recipients

**Gina Jamero, MSN, ACNP-BC**, Cedars Sinai  
 Heart Institute, Los Angeles, CA

**4:50 PM - 5:00 PM**

Don’t Go BKing My Heart: Infectious  
 Complications & Anti-infective Prophylaxis in the  
 Multi-organ Recipient

**Marcus Pereira, MD, MPH**, New York  
 Presbyterian Hospital, New York, NY

**5:00 PM - 5:10 PM**

Nuances of Immunosuppressive Management in  
 the Multi-organ Recipient

**Tracy Sparkes, Pharm.D.**, University of  
 Maryland Medical Center, Baltimore, MD

**5:10 PM - 5:30 PM**

Live Video Question and Answer

**Program Topic: Other**

**Artificial Intelligence and Machine Learning in  
 Transplantation: The Promise, The Reality,  
 and The (Scary?) Future**

**3:00 PM - 5:30 PM**

Moderators:

**David Axelrod, MD, MBA**, University of Iowa,  
 Iowa City, IA

**Peter Friend, MD**, University of Oxford, Oxford,  
 United Kingdom

**3:00 PM - 3:10 PM**

Predicting Patients at Risk for Leaving the ED  
 Without Being Seen Using Machine Learning

**Nikos Trichakis, PhD**, MIT, Cambridge, MA

**3:10 PM - 3:20 PM**

Cost Effective Outcomes: Using Patient Data to  
 Predict Risk Factors

**Greg McKelvey, MD**, NY

**3:20 PM - 3:30 PM**

Artificial Intelligence and Machine Learning to  
 Facilitate Decision-making: Provider Perspective

**Héloise Cardinal, MD, PhD**, Dr, CHUM,  
 Montreal, QC, Canada

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**4:00 PM - 4:30 PM**

Break

**4:30 PM - 4:40 PM**

Solving Major Problems in Organ Transplantation  
 with Mobile Health Software

**Eric Pahl, BSE**, Graduate Research Fellow,  
 Health Informatics, University of Iowa, Iowa City,  
 IA

**4:40 PM - 4:50 PM**

Machine Learning and Artificial Intelligence in  
 Healthcare and Personality Emulation.

**Randi Foraker, PhD**, Associate Professor,  
 Washington University in St. Louis School of  
 Medicine, Saint Louis, MO

**4:50 PM - 5:00 PM**

Utilizing Machine Learning Based Predictions

**Sanjay Mehrotra, PhD**, Professor, Northwestern  
 University, Evanston, IL

**5:00 PM - 5:10 PM**

Supporting the Future Today in Artificial  
 Intelligence in Organ Transplantation: The UNOS  
 Perspective

**David Klassen, MD**, Chief Medical Officer,  
 United Network for Organ Sharing, Richmond,  
 VA

**5:10 PM - 5:30 PM**  
 Live Video Question and Answer

### Program Topic: Kidney

**Living Donor Selection Where to Draw the Line**

**3:00 PM - 5:30 PM**

**Moderators:**

**Didier Mandelbrot, MD**, UW Health, Madison,  
 WI

**Carrie Schinstock, Medical Doctor**, Mayo  
 Clinic, Rochester, MN

**3:00 PM - 3:10 PM**

**The Landscape of Live Donation/Overall Risk  
 Assessment**

**Vineeta Kumar, MD**, University of Alabama At  
 Birmingham, Birmingham, AL

**3:10 PM - 3:20 PM**

**Surgical Issues**

**Lloyd Ratner, MD, MPH**, Columbia University,  
 New York, NY

**3:20 PM - 3:30 PM**

**Kidney Stones**

**TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**4:00 PM - 4:30 PM**

**Break**

**4:30 PM - 4:40 PM**

**Assessment of Kidney Function**

**Andrew Rule, MD**, Mayo Clinic, Rochester, MN

**4:40 PM - 4:50 PM**

**Diabetes and Obesity**

**Hassan N. Ibrahim**, Houston Methodist Hospital,

Houston, TX

**4:50 PM - 5:00 PM**

**Hypertension**

**Mona Doshi, MBBS**, University of Michigan, Ann  
 Arbor, MI

**5:00 PM - 5:30 PM**

**Live Video Question and Answer**

### Program Topic: ID

**Transplant Infectious Diseases**

**3:00 PM - 4:00 PM**

**Moderators:**

**Nicole Theodoropoulos, MD, MS**, University of  
 Massachusetts Medical School, Worcester, MA

**Peter Chin-Hong, MD**, University of California,  
 San Francisco, San Francisco, CA

**Aruna Subramanian, MD**, Stanford University  
 Hospital, Stanford, CA

**3:00 PM - 3:10 PM**

**Outbreaks: Nosocomial mold outbreaks  
 (including Candida auris)**

**Michele Morris, MD, FIDSA, FAST**, University of  
 Miami Miller School of Medicine, Miami, FL

**3:10 PM - 3:20 PM**

**Outbreaks: NTM Outbreaks in Transplant Centers**

**Arthur Baker, MD, MPH**, Duke University School  
 of Medicine, Durham, NC

**3:20 PM - 3:30 PM**

**Globalization of Transplant: Evaluation and  
 Management of Hepatitis E after Transplantation**

**Nassim Kamar, MD, PhD**, Toulouse University  
 Hospital, Toulouse, France

**3:30 PM - 3:40 PM**

**Globalization of Transplant: Prevention and  
 management of TB in transplant recipients**

**Cybele Lara Abad, MD**, University of the  
 Philippines, Manila, Philippines

**3:40 PM - 4:00 PM**

Live Video Question and Answer

**4:00 PM - 4:30 PM**

Break

**4:30 PM - 4:40 PM**

Optimizing the Transplant Candidate: Bacteremia and Ventricular Assist Device: Diagnosis and Management, and Optimal Timing of Transplantation  
 TBD

**4:40 PM - 4:50 PM**

Optimizing the Transplant Candidate: Pre-lung Transplant Patient on ECMO with Fevers: Diagnosis, Drug Dosing, and Technical Challenges Before and After Transplantation  
 TBD

**4:50 PM – 5:00 PM**

What's New & Novel in TID? Rapid Diagnostics: From Culture to ID (Include NGS)  
**Kimberly E. Hanson, MD**, University of Utah

**5:00 PM - 5:10 PM**

What's New & Novel in TID? Emerging Therapies  
**Ghady Haidar, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**5:10 PM - 5:30 PM**

Live Video Question and Answer

**Program Topic: Heart & Lung**

**Don't Throw Them in the Bucket!!! Tricks of the Trade to Optimize Every Thoracic Donor Offer**

**3:00 PM - 5:30 PM**

Moderators:

**Shelley Hall, MD**, Baylor Univ Medical Center, Dallas, TX

**Deborah Levine, MD**, University of Texas Health, San Antonio, TX

**3:00 PM - 3:10 PM**

Thoracic Organ Utilization: Where are We Today (Including Geographic Differences in Organ Utilization)?

TBD

**3:10 PM - 3:20 PM**

Optimal Medical Management of the Donor: How Many Hearts and Lungs could be Saved?  
 TBD

**3:20 PM - 3:30 PM**

Improving Heart Utilization: When Should we put the Heart in a Box?

**Abbas Ardehali, MD**, UCLA Medical Center, Los Angeles, CA

**3:30 PM - 3:40 PM**

Ex-vivo Lung Perfusion How I do it?

**Pablo Sanchez, MD, PhD**, UPMC Cardiothoracic Surgery, Pittsburgh, PA

**3:40 PM - 4:00 PM**

Live Video Question and Answer

**4:00 PM - 4:30 PM**

Break

**4:30 PM - 4:40 PM**

DCD Heart Donation: Ready for Prime Time?  
 TBD

**4:40 PM - 4:50 PM**

DCD Lung Donation: A Diamond in the Rough  
**Marcelo Cypel, MD, MSC, FACS, FRCS**, University of Toronto, Toronto, ON, Canada

**4:50 PM - 5:00 PM**

Improving Lung Donation: A Case-Based Discussion

**Deborah Levine, MD**, University of Texas Health, San Antonio, TX

**5:00 PM - 5:10 PM**

Improving Cardiac Donation: A Case-Based Discussion

**Shelley Hall, MD**, Baylor Univ Medical Center, Dallas, TX

**5:10 PM - 5:30 PM**

Live Video Question and Answer

**Program Topic: Liver**

**Pushing Past the Limits of LDLT in the US: Programmatic Development**

**3:00 PM - 5:30 PM**

**Moderators:**

**Roberto Hernandez-Alejandro, MD**, University of Rochester Medical Center, Rochester, NY

**Talia Baker, MD**, University of Chicago Medicine, Chicago, IL

**3:00 PM - 3:10 PM**

**Altruistic Donation and Social Media in LDLT**

**Nazkia Selzner, MD PhD**, University Health Network, Toronto, ON, Canada

**3:10 PM - 3:20 PM**

**Planning for an Adverse Event**

**Talia Baker, MD**, University of Chicago Medicine, Chicago, IL

**3:20 PM - 3:30 PM**

**Robust Training in LDLT, Do We Need to Travel?**

**STEVEN I HANISH, MD**, University of Texas Southwestern Medical Center, Dallas, TX

**3:30 PM - 3:40 PM**

**Can we Weather the Storm of a LD Fatality?**

**James Pomposelli**, University of Colorado, Aurora, CO

**3:40 PM - 4:00 PM**

Live Video Question and Answer

**4:00 PM - 4:30 PM**

Break

**4:30 PM - 4:40 PM**

**Informed (informative) Consent: Giving Support and Avoiding Coercion**

**Diane La Pointe-Rudow, MS, PhD**, Recanati/Miller Transplantation Institute, New

York, NY

**4:40 PM - 4:50 PM**

**How to Get a LDLT Program Up and Running - A Clinicians Perspective**

**Cristiano Quintini, MD**, Cleveland Clinic, Cleveland, OH

**4:50 PM - 5:00 PM**

**How Does LDLT Fit into the New Allocation Model**

**James Trotter, MD**, Baylor Dallas, Dallas, TX

**5:00 PM - 5:10 PM**

**How to Get a LDLT Program Up and Running - An Administrative Perspective**

**TBD**

**5:10 PM - 5:30 PM**

Live Video Question and Answer

**Break**

**5:30 PM - 6:00 PM**

**Program Topic: All Topics**

**Personal Break**

**Networking Event**

**6:00 PM - 8:00 PM**

**Program Topic: Prof Develop & Women's Health**

**ATC's Women's Networking Event**

**6:00 PM - 8:00 PM**

**Strategies to Enhance Health & Wellness**

**Elizabeth Pomfret, MD PhD**, University of Colorado, Aurora, CO

**6:00 PM - 8:00 PM**

**Strategies to Enhance Health & Wellness**

**Christina Klein**, Piedmont Transplant Institute, Atlanta, GA

**6:00 PM - 8:00 PM**

**Tips for Managing Your Time**

**Debra Sudan, MD**, Duke University Medical Center, Durham, NC

**6:00 PM - 8:00 PM**

**Tips for Managing Your Time**

**Kathryn Tinckam, MD, MBA, MMSc, FRCPC, FAST**, University Health Network, Toronto, ON, Canada

**6:00 PM - 8:00 PM**

**Optimizing Mentor/Mentee Interactions**

**Wendy Grant, MD**, University of Nebraska Medical Center, Omaha, NE

**6:00 PM - 8:00 PM**

**Optimizing Mentor/Mentee Interactions**

**Deirdre Sawinski, MD**, University of Pennsylvania, Philadelphia, PA

**6:00 PM - 8:00 PM**

**Productive Communication**

**Julie Heimbach, MD**, Mayo Clinic, Rochester, MN

**6:00 PM - 8:00 PM**

**Productive Communication**

**Maryjane Farr, MD**, Columbia University Irving Medical Center, New York, NY

**6:00 PM - 8:00 PM**

**Tips to Launching a Research Program**

**Linda Cendales, MD**, Duke University Medical Center, Durham, NC

**6:00 PM - 8:00 PM**

**Tips to Launching a Research Program**

**Lisa Van Wagner, MD, MSCI**, Northwestern University Feinberg School of Medicine, Chicago, IL

**6:00 PM - 8:00 PM**

**Enhancing Your Letters of Recommendation**

**Ginny Bumgardner, MD, PhD**, Ohio State University, Columbus, OH

**6:00 PM - 8:00 PM**

**Enhancing Your Letters of Recommendation**

**Deborah Adey, MD**, University of California San Francisco, San Francisco, CA

**6:00 PM - 8:00 PM**

**Building Professional Connections**

**Irene Kim, MD**, Cedars-Sinai Medical Center, Los Angeles, Los Angeles, CA

**6:00 PM - 8:00 PM**

**Building Professional Connections**

**Lori West, MD, D.Phil**, University of Alberta, Edmonton, AB, Canada

**6:00 PM - 8:00 PM**

**Development of New Clinical Programs**

**Dinee Simpson, MD**, Northwestern University, Chicago, IL

**6:00 PM - 8:00 PM**

**Development of New Clinical Programs**

**Vicky Ng, MD FRCPC**, University of Toronto, Hospital for Sick Children, Toronto, ON, Canada



## Saturday, June 5, 2021

### Welcome

8:45 AM - 10:25 AM

### IMPACT

9:00 AM - 10:00 AM

#### Program Topic: Public Policy

#### US Organ Allocation - An Update

9:00 AM - 10:00 AM

#### Moderators:

**Nicole Turgeon, MD**, Dell Seton Medical Center at The University of Texas, Austin, TX

9:00 AM - 9:10 AM

#### The Times, They Are a Changing - Lungs

**Maryam Valapour, MD, MPP**, The Cleveland Clinic, Cleveland, OH

9:10 AM - 9:20 AM

#### The Times, They Are a Changing - Liver

**James Trotter, MD**, Baylor University Medical Center, Dallas, TX

9:20 AM - 9:30 AM

#### The Times They Are a Changing - Heart

**Shelley Hall, MD**, Baylor University Medical Center, Dallas, TX

9:30 AM - 9:40 AM

#### The Times, They Are a Changing - Kidney

**Vincent Casingal, MD**, Atrium Health- Carolinas Medical Center, Charlotte, NC

9:40 AM - 10:00 AM

#### Live Video Question and Answer

#### Program Topic: ID

#### The Infected Donor and Recipient: When is it Safe to Transplant

9:00 AM - 10:00 AM

#### Moderators:

**Jennifer Chow, MD, MS**, Tufts Medical Center, Boston, MA

**Michael Ison, MD, MS**, Northwestern University Comprehensive Transplant Center, Chicago, IL

9:00 AM - 9:10 AM

#### Endemic Mycosis

**Rachel Miller, MD**, Duke University, Durham, NC

9:10 AM - 9:20 AM

#### Multi-drug Resistant Organisms

**Fernanda Silveira, MD**, University of Pittsburgh and UPMC, Pittsburgh, PA

9:20 AM - 9:30 AM

#### Chagas Seropositive Donor for Heart Transplant Candidate

**Ricardo La Hoz, MD**, University of Texas Southwestern Medical Center, Dallas, TX

9:30 AM - 10:00 AM

#### Live Video Question and Answer

#### Program Topic: Translational

#### The Infection Rejection Connection in Solid Organ Transplantation

9:00 AM - 10:00 AM

#### Moderators:

**Deepali Kumar, MD**, University Health Network, Toronto, ON, Canada

**Hans H. Hirsch, MD, MSc**, University of Basel / Department Biomedicine, Basel, Switzerland

9:00 AM - 9:10 AM

#### T cell Mediated Protection to CMV

**Jonathan Maltzman, MD, PhD, FAST**, Stanford University, Palo Alto, CA

9:10 AM - 9:20 AM

#### Infection and Lung Transplantation

**Daniel Calabrese, MD**, University of California, San Francisco, San Francisco, CA

**9:20 AM - 9:30 AM**

**BK and Rejection**

**Michelle Josephson, MD**, University of Chicago, Chicago, IL

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Basic

#### Extracellular Vesicles in Transplantation

**9:00 AM - 10:00 AM**

**Moderators:**

**Angus Thomson, PhD, DSc**, University of Pittsburgh

**Gilles Benichou, MD PhD**, Harvard Med School, Boston, MA

**9:00 AM - 9:10 AM**

**Exosomes in B Cell Sensitization**

**Adrian Morelli, MD, PhD**, Professor, Univ of Pittsburgh, Pittsburgh, PA

**9:10 AM - 9:20 AM**

**Exosomes as a Biomarker for Tissue Rejection**

**Prashanth Vallabhajosyula, MD, MS**, Associate Professor of Surgery, Yale University, New Haven, CT

**9:20 AM - 9:30 AM**

**The Role of Exosomes in Transplant Rejection**  
**TBD**

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Heart

#### DCD Donors for Heart Transplantation - The Devil is in the Details

**9:00 AM - 10:00 AM**

**Moderators:**

**Lavanya Bellumkonda, MD**, Yale School of Medicine, New Haven, CT

**Francis Pagani, MD PhD**, University of Michigan, Ann Arbor, MI

**9:00 AM - 9:10 AM**

**Ethics and Legal Consideration in Accepting DCD Donors for Heart Transplantation**

**Alexandra Glazier, JD, MPH**, New England Donor Services, Inc., Waltham, MA

**9:10 AM - 9:20 AM**

**The DCD Heart Trial: Study Design and Inclusion Criteria**

**Jason W. Smith, MD**, University of Wisconsin, Madison, WI

**9:20 AM - 9:30 AM**

**DCD Hearts Are Well Supported By Normothermic Regional Perfusion But There Are Transplant and OPO Challenges in Program Initiation**

**Nader Moazami, MD**, NYU Langone Transplant Institute, New York, NY

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Kidney

#### To Band or not to Band? AVF Access Ligation after Kidney Transplantation

**9:00 AM - 10:00 AM**

**Moderators:**

**Chris Freise, MD**, University of California-San Francisco, San Francisco, CA

**Sagar Nigwekar, MD, MMSc**, Massachusetts General Hospital, Boston, MA

**9:00 AM - 9:10 AM**

**AVF Banding in Post-transplantation: Interventional Nephrologist's Point of View**  
**TBD**

**9:10 AM - 9:20 AM**

**AVF Banding in Post-transplantation: Nephrologist's Point of View**

**Claudio Rigatto, MD**, University of Manitoba, Winnipeg, MB, Canada

**9:20 AM - 9:30 AM**

**AVF Banding in Post-transplantation:  
Cardiologist's Point of View**

**Ronald Zolty**, University of Nebraska Medical Center, Omaha, NE

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Kidney

**How Low Can You Go? Assessing GFR in Living Kidney Donor Candidates**

**9:00 AM - 10:00 AM**

**Moderators:**

**Martha Pavlakis, MD, FAST, FASN**, Beth Israel Deaconess Medical Center, Boston, MA

**Edmund Huang, M.D.**, Cedars-Sinai Medical Center, Los Angeles, CA

**9:00 AM - 9:10 AM**

**Association of Pre-Donation GFR on Post-Donation Outcomes - Defining the Appropriate GFR Threshold for Kidney Donation**

**Emilio Poggio, MD**, Cleveland Clinic, Cleveland, OH

**9:20 AM - 9:30 AM**

**Principles of GFR Measurement and Estimation - How to Evaluate GFR in Living Kidney Donor Candidates**

**Nicolae Leca, MD**, University of Washington, Seattle, WA

**9:10 AM - 9:20 AM**

**Impact of Estimation Versus Measurement of GFR on the Eligibility of Potential Living Kidney Donors**

**Francois Gaillard, M.D. PhD**, Publique Hopitaux de Paris, Paris, France

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Pediatric

**When is a Combined Organ Transplant an Appropriate use of Organs in the Pediatric Recipient?**

**9:00 AM - 10:00 AM**

**Moderators:**

**Amy Gallo, MD**, Stanford University, Palo Alto, CA

**Dominique Jan, MD**, Montefiore-Albert Einstein College of Medicine, Bronx, NY

**9:00 AM - 9:10 AM**

**Updates on Heart/Liver Transplantation**

**C. Andrew Bonham, MD**, Stanford University Medical Center, Palo Alto, CA

**9:10 AM - 9:20 AM**

**Post Fontan Heart Liver Transplantation - How to Evaluate and Manage**

**Lee Goldberg, MD, MPH**, University of Pennsylvania, Philadelphia, PA

**9:20 AM - 9:30 AM**

**The Case for Combined Liver-Intestine or Multi-Visceral Transplants?**

**Kishore Iyer, MBBS, FRCS, FACS**, Mount Sinai Hospital, New York, NY

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Liver

**Technical Versus Oncologic Approaches to Resectability**

**9:00 AM - 10:00 AM**

**Moderators:**

**M B Majella Doyle**, Saint Louis, MO

**Charles Rosen, MD**, Mayo Clinic, Rochester, MN

**9:00 AM - 9:10 AM**

**Colorectal Metastases to Deliver: Resection vs.**

## Transplantation

**Roberto Hernandez-Alejandro, MD**, University of Rochester Medical Center, Rochester, NY

**9:10 AM - 9:20 AM**

**Liver Transplantation for HCC: Resection vs. Liver Transplantation**

**Timothy Pawlik, MD, MPH, PhD**, The Ohio State University Wexner Medical Center, Columbus, OH

**9:20 AM - 9:30 AM**

**Criteria for Ex vivo Resection for Unresectable Tumors**

**Tomoaki Kato, MD, MBA**, Columbia University - College of Physicians & Surgeons, New York, NY

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

## Program Topic: Pharmacy

**Stop the Pain! Novel Opioid Minimization Strategies to Mitigate Pain in the Pre-, Peri-, and Post-Operative Transplant Phases**

**9:00 AM - 10:00 AM**

**Moderators:**

**Erika Meredith, PharmD, BS**, Emory Healthcare, Atlanta, GA

**Nicole Pilch, PharmD, MS, BCPS**, Medical University of South Carolina, Charleston, SC

**9:00 AM - 9:10 AM**

**Role of ERAS Protocols and Blocks for the Elimination of Opioids in the Post-operative Transplant Phase**

**Jeanette Amery, NP, DNP**, VCU Health, Richmond, VA

**9:10 AM - 9:20 AM**

**Non-opioid Pharmacologic Alternatives for Pain Control Pearls/Pitfalls**

**Maya Campara, PharmD**, University of Illinois at Chicago, Chicago, IL

**9:20 AM - 9:30 AM**

**Peri-operative Strategies to Mitigate Opioid Utilization Post Kidney Transplant**

**Vinayak Rohan, MD**, Medical University of South Carolina, Charleston, SC

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

## Program Topic: Ethics

**We Said Yes; Transplanting Patients with Alcoholic Liver Disease: Time to Focus on Aftercare**

**9:00 AM - 10:00 AM**

**Moderators:**

**Sheila Jowsey-Gregoire, MD**, Mayo Clinic, Rochester, MN

**Jared White, MD**, Medical University of South Carolina Transplant Center, Charleston, SC

**9:00 AM - 9:10 AM**

**Methods of Assessing for Relapse after Transplant**  
**TBD**

**9:10 AM - 9:20 AM**

**The Risk and Protective Factors Preventing Relapse (The Six-month Rule is so Yesterday.)**

**Jody Jones, PhD**, University of Iowa Hospitals and Clinics, Iowa City, IA

**9:20 AM - 9:30 AM**

**When the Carrot is Gone: Utilizing an Integrative Group Therapy Approach with Alcohol Liver Transplant Recipients to Reduce Relapse after Transplant**

**Wendy Balliet, Ph.D.**, Medical University of South Carolina, Charleston, SC

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### **Break**

**10:00 AM - 10:30 AM**

Program Topic: All Topics

Personal Break

### **Plenary Oral Abstract**

**10:30 AM - 11:30 AM**

Program Topic: All Topics

Plenary 1

*4 Oral Abstract Presentations with Live Q & A*

#### **Moderators:**

**Marwan Abouljoud, MD**, Henry Ford Health System, Detroit, MI

**Richard Formica, MD, FAST**, Yale University School of Medicine, New Haven, CT

### **Networking**

**11:30 AM - 12:00 PM**

Program Topic: All Topics

Sponsor Networking

### **Presidential Addresses**

**12:00 PM - 12:30 PM**

Program Topic: All Topics

ASTS Presidential Address

Introduction – ASTS Immediate Past President  
**Lloyd Ratner, MD, MPH**, Columbia University, New York, NY

#### **Address – ASTS President**

**Marwan Abouljoud, MD**, Henry Ford Health System, Detroit, MI

### **Society Awards**

**12:30 PM - 1:15 PM**

Program Topic: All Topics

ASTS Research Grants & Pioneer Award

### **Break**

**1:15 PM - 1:30 PM**

Program Topic: All Topics

Personal Break

### **Satellite Symposia**

**1:30 PM - 2:30 PM**

Program Topic: Other

Satellite Symposia Sponsored Programs

### **Break**

**2:30 PM - 3:00 PM**

Program Topic: All Topics

Personal Break

### **IMPACT**

**3:00 PM - 4:00 PM**

Program Topic: Kidney

KDPI: Time for a New Look?

**3:00 PM - 4:00 PM**

#### **Moderators:**

**David Klassen, MD**, United Network for Organ Sharing, Richmond, VA



**Sandra Amaral, MD, MHS**, Children's Hospital of Philadelphia, Philadelphia, PA

**3:00 PM - 3:10 PM**

**The Source of Truth? APOL1 and KDPI**

**Barry Freedman, MD**, Wake Forest, Winston-Salem, NC

**3:10 PM - 3:20 PM**

**KDPI Doesn't Work for Kids**

**Lainie Ross, MD, PhD**, University of Chicago, Chicago, IL

**3:20 PM - 3:30 PM**

**Is KDPI Correct in the New Hepatitis C World?**

**Darren Stewart**, United Network for Organ Sharing, Richmond, VA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: VCA**

**Psychosocial and Bioethical Aspects of VCA: An Update**

**3:00 PM - 4:00 PM**

**Moderators:**

**David Sarwer, PhD**, Temple University, Philadelphia, PA

**Elisa Gordon, PhD, MPH**, Northwestern University Feinberg School of Medicine, Chicago, IL

**3:00 PM - 3:10 PM**

**Medical Decision Making for VCA Candidates**  
**TBD**

**3:10 PM - 3:20 PM**

**Development of a Social Media Campaign to Promote VCA Donation**

**Macey Henderson, JD, PhD**, Johns Hopkins University, Baltimore, MD

**3:20 PM - 3:30 PM**

**Why Consenting to VCA is the Only Thing that Makes Sense**

**Amy Friedman, MD**, LiveOnNY, New York, NY

**3:30 PM - 3:40 PM**

**How Much Does the VCA Caregiver Matter?**

**Simon Talbot, MD**, Harvard Medical School, Brigham and Women's Hospital, Boston, MA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Kidney**

**Kidney Paired Donation: Innovation & Evolution Leading to Improved Outcomes**

**3:00 PM - 4:00 PM**

**Moderators:**

**Didier Mandelbrot, MD**, UW Health, Madison, WI

**Jeff Veale, MD**, UCLA, Los Angeles, CA

**3:00 PM - 3:10 PM**

**Bigger is better: Is There Still a Case to Be Made for Single Center Paired Exchanges?**

**Asif Sharfuddin, MD**, Indiana University School of Medicine, Indianapolis, IN

**3:10 PM - 3:20 PM**

**Benefits of Compatible Pairs: Do We Even Need To Debate This Further?**

**Dorry Segev, MD, PhD**, Johns Hopkins University, Baltimore, MD

**3:20 PM - 3:30 PM**

**Advanced Donation Programs: Past, Present and Future**

**Matthew Cooper, MD**, MedStar Georgetown Transplant Institute, Washington, DC

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: ID**

**Herpes Just Keeps Coming Back: How to Manage Difficult Herpes Virus Infections**

**3:00 PM - 4:00 PM**

**Moderators:**

**Maricar Malinis, MD**, Yale School of Medicine, New Haven, CT

**Atul Humar, MD, MSC**, Toronto General Hospital, Toronto, ON, Canada

**3:00 PM - 3:10 PM**

**Treatment of Resistant and Refractory CMV - Where do we Stand in 2021?**

**Daniel Kaul, MD**, University of Michigan, Ann Arbor, MI

**3:10 PM - 3:20 PM**

**CTL as Antiviral Therapy Option in Solid Organ Transplant Recipients**

**Susan Prockop, MD**, Memorial Sloan Kettering Cancer Center, New York, NY

**3:20 PM - 3:30 PM**

**It's not just CMV and EBV: The Other Herpes Viruses Cause and Major Problems too!**

**Jonathan Hand, MD**, Ochsner Medical Center, New Orleans, LA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Fc Region: The Business End of Antibody Regulation**

**3:00 PM - 4:00 PM**

**Moderators:**

**William Baldwin, MD, PhD**, Cleveland Clinic, Cleveland, OH

**Rebecca A. Sosa, Ph.D.**, UCLA, Los Angeles, CA

**3:00 PM - 3:10 PM**

**Fc Receptor Polymorphisms and DSA**

**Nicole Valenzuela, PhD**, UCLA, Los Angeles, CA

**3:20 PM - 3:30 PM**

**Fc Natal Receptors and Regulation of Humoral**

**Responses**

**TBD**

**3:10 PM - 3:20 PM**

**Non-neutralizing Viral Antibodies Bind Activating Fc Receptors to Exacerbate Viral Disease**

**TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Translational**

**Nanotherapeutics in Organ Transplantation: How Close are We?**

**3:00 PM - 4:00 PM**

**Moderators:**

**Mark Saltzman, PhD**, Yale University, New Haven, CT

**Carl Atkinson, PhD**, Medical University of South Carolina, Charleston, SC

**3:00 PM - 3:10 PM**

**Nanotechnology and the Immune Response**  
**TBD**

**3:10 PM - 3:20 PM**

**Nanotherapy: Past, Present and Future**  
**TBD**

**3:20 PM - 3:30 PM**

**"On Target": Systemic Delivery of Nanotherapeutics in Transplantation**

**Reza Abdi, MD**, Brigham & Womens Hosp, Boston, MA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Liver**

**Beyond Survival: When MELD isn't Enough**

**3:00 PM - 4:00 PM**

**Moderators:**

**Josh Levitsky, MD, MS**, Northwestern University Feinberg School of Medicine, Chicago, IL

**Elizabeth Pomfret, MD, PhD, FACS**, University of Colorado, Aurora, CO

**3:00 PM - 3:10 PM**

**The Hidden Risks of Low MELD Patients**

**Daniela Ladner, MD, MPH**, Northwestern Memorial Hospital, Chicago, IL

**3:10 PM - 3:20 PM**

**Determining Timing of LDLT: An Approach to Assess Quality of Life in Addition to Survival**

**Abhinav Humar, MD**, Thomas E Starzl Transplant Inst, Pittsburgh, PA

**3:20 PM - 3:30 PM**

**Eye on the Prize: Metrics to Strive for after Liver Transplant in Addition to Patient and Graft Survival**

**David Goldberg, MD, MSCE**, University of Miami, Miami, FL

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

### Program Topic: Pancreas

**The Multidisciplinary Approach to Total Pancreatectomy with Islet Auto Transplantation Patient Care**

**3:00 PM - 4:30 PM**

**Moderators:**

**Kristin Kuntz, Ph.D.**, The Ohio State University Medical Center, Columbus, OH

**Srinath Chinnakotla, MD**, University of Minnesota, Minneapolis, MN

**3:00 PM - 3:10 PM**

**The Pharmacist's Role in Caring for the TPIAT Patient**

**Abbie Leino, PharmD, MS**, University of Michigan, Ann Arbor, MI

**3:10 PM - 3:20 PM**

**The Physician's Role in Caring for the TPIAT Patient**

**Luis F F. Lara, MD**, The Ohio State University Wexner Medical Center, Columbus, OH

**3:10 PM - 3:20 PM**

**The Psychosocial Provider's Role in Caring for the TPIAT Patient**

**TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

### Program Topic: Lung

**Taking a Step Further: Ex Vivo Lung Perfusion (EVLP): The Clinical, Therapeutic and Scientific Opportunities**

**3:00 PM - 4:00 PM**

**Moderators:**

**Daniel Dilling, MD**, Loyola University Medical Center, Maywood, IL

**Norihisa Shigemura, MD, PhD**, Temple University Health System and Lewis Katz School of Medicine, Philadelphia, PA

**3:00 PM - 3:10 PM**

**Creating an EVLP Program and Incorporating it into your Center: Which Protocol, Which Donors, and Troubleshooting**

**Bryan Whitson, MD, PhD**, The Ohio State University, Columbus, OH

**3:10 PM - 3:20 PM**

**EVLP in DCD**

**Edward Cantu, MD, MSCE**, University of Pennsylvania, Philadelphia, PA

**3:20 PM - 3:30 PM**

**EVLP as a Therapeutic Platform to Recondition and Treat Injured Lungs**

**Marcelo Cypel, MD, MSC, FACS, FRCS**, University of Toronto, Toronto, ON, Canada

**3:30 PM - 3:40 PM**

**EVLP: The Economics and Analytic Decision Model**

**Matthew Hartwig, MD**, Duke University, Durham, NC

**3:40 PM - 4:00 PM**

**Live Video Question and Answer**

### Program Topic: Pharmacy

**Role of Biomarkers in Current Clinical Practice - Remote Monitoring for the Spectrum of Solid Organ Transplantation**

**3:00 PM - 4:00 PM**

**Moderators:**

**Ryan Winstead, PharmD**, Virginia Commonwealth University Health, Richmond, VA  
**Shelley Hall, MD**, Baylor University Medical Center – Heart Center, Dallas, TX

**3:00 PM - 3:10 PM**

**Hitting the Mark with Biomarkers in Kidney Transplant**

**Alicia Beth Lichvar, PharmD**, University of Illinois at Chicago, Chicago, IL

**3:10 PM - 3:20 PM**

**Hitting the Mark with Biomarkers in Heart Transplant**

**Jill Krisl, PharmD**, Houston Methodist Hospital, Houston, TX

**3:20 PM - 3:30 PM**

**Hitting the Mark with Biomarkers in Liver Transplant**

**TBD**

**3:30 PM - 3:40 PM**

**Hitting the Mark with Biomarkers in Lung Transplant**

**Deborah Levine, MD**, University of Texas, San Antonio, TX

**3:40 PM - 4:00 PM**

**Live Video Question and Answer**

### Program Topic: Heart

**Rise of the Machines: The Evolution of Patient Management in the New Heart Allocation System**

**3:00 PM - 4:00 PM**

**Moderators:**

**Hannah Copeland, MD**, Lutheran Hospital / Indiana University School of Medicine Fort Wayne, FORT WAYNE, IN  
**Richard Daly, M.D.**, Mayo Clinic, Rochester, MN

**3:00 PM - 3:10 PM**

**All Aboard the ECMO Train: How, When, and Why Not?**

**Barbara Pisani, DO**, Wake Forest University, Winston Salem, NC

**3:10 PM - 3:20 PM**

**What Do You Mean? Cardiogenic Shock Classification and Practical Applications**

**David Baran, MD**, Sentara Heart Hospital, Norfolk, VA

**3:20 PM - 3:30 PM**

**Trains, Planes, and Automobiles: Percutaneous MCS Devices for Cardiogenic Shock**

**Danny Ramzy, MD**, Cedars Sinai, Los Angeles, CA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

### Networking

**4:00 PM - 4:30 PM**

### Program Topic: All Topics

**Sponsor Networking**

## **Rapid Fire Oral Abstract**

**4:30 PM - 5:30 PM**

**Program Topic: VCA**  
**VCA: Basic and Clinical**

**Program Topic: ID**  
**COVID-19 Session 1**

**Program Topic: Kidney**  
**Kidney Deceased Donor Allocation**

**Program Topic: Basic**  
**Biomarkers, Immune Assessment and Clinical Outcomes - I**

**Program Topic: Liver**  
**Living Donor Liver Transplant and Partial Grafts**

**Program Topic: Heart**  
**Heart: Triple "D" in Heart Transplantation: DCD, Dual-Organ and Declined Hearts**

## **Focus in TX**

**4:30 PM - 7:00 PM**

**Program Topic: Basic**

**Basic: New Roles of Secondary Immune Organs in Rejection**

**4:30 PM - 7:00 PM**

**Moderators:**

**Reza Abdi, MD**, Brigham & Womens Hosp, Boston, MA

**Daniel Streblow, PhD**, Oregon Health and Science University, Beaverton, OR

**4:30 PM - 4:45 PM**

**Lymphatic Vessels Regulate Immune Microenvironments in Cancer and Infectious Immunity**

**TBD**

**4:45 PM - 5:00 PM**

**Single-cell Sequencing Reveals Lymph Node Stromal Cell Functional Niches**  
**TBD**

**5:00 PM - 5:15 PM**

**Sphingosine 1-Phosphate Receptors and Afferent Lymphatic Migration**

**Jonathan Bromberg, MD, PhD**, University of Maryland School of Medicine, Baltimore, MD

**5:15 PM - 5:30 PM**

**Live Video Question and Answer**

**5:30 PM - 6:00 PM**

**Break**

**6:00 PM - 6:15 PM**

**DC Subset and Localization in the LN determines Tfh Priming**

**Stephanie Eisenbarth, MD, PhD**, Yale, New haven, CT

**6:15 PM - 6:30 PM**

**Lymphatic Vasculature as a Regulator of Inflammation**

**TBD**

**6:30 PM - 6:45 PM**

**The Role of BALT in Lung Transplant Rejection and Tolerance**

**Daniel Kreisel, MD, PhD**, Washington University St Louis, St. Louis, MO

**6:45 PM - 7:00 PM**

**Live Video Question and Answer**

## **Break**

**5:30 PM - 6:00 PM**

**Program Topic: All Topics**

**Personal Break**



***Rapid Fire Oral Abstract***  
**6:00 PM - 7:00 PM**

Program Topic: Liver  
Liver Transplant Oncology

Program Topic: Kidney  
Pediatric Kidney

Program Topic: Pancreas & Small Bowel  
Pancreas & Small Bowel

Program Topic: Lung  
How to Expect the Unexpected- Incorporating Predictors into Lung Transplant Decision Making

Program Topic: ID & COVID-19  
COVID-19 in Kidney Recipients

Program Topic: Kidney  
Kidney: Cardiovascular and Metabolic Complications

***Break***  
**7:00 PM - 7:30 PM**

Program Topic: All Topics  
Personal Break

***Networking***  
**7:30 PM - 8:30 PM**

Program Topic: All Topics  
Sponsor Networking

***Poster Video Chat***  
**7:30 PM - 8:30 PM**

Program Topic: Basic  
Biomarkers, Immune Assessment and Clinical Outcomes

Program Topic: Heart  
Heart/LVAD: All Topics

Program Topic: Kidney  
Kidney Deceased Donor Allocation 1

Program Topic: Pancreas & Small Bowel  
Pancreas & Small Bowel

Program Topic: VCA  
VCA: Basic and Clinical

***Break***  
**8:30 PM - 8:45 PM**

Program Topic: All Topics  
Personal Break

***Expert VIP Meet Up***  
**8:45 PM - 9:30 PM**

Program Topic: Liver  
Minimal Invasive Surgery in Living Donor Liver Transplantation

**8:45 PM - 9:30 PM**

**Moderators:**

**Dean Kim, MD FACS**, Henry Ford Health System, Detroit, MI

**David Mulligan, MD FACS, FAASLD, FAST**, Yale University/Yale New Haven Health System, New Haven, CT

**8:45 PM - 8:55 PM**

**How To Incorporate Advanced Minimal Invasive Technique In A Transplant Program and Training Tools**

**Atsushi Yoshida, MD FACS**, Henry Ford Health System, Detroit, MI

**8:55 PM - 9:05 PM**

**Minimal Invasive Live Donor Hepatectomy : Laparoscopic Approach**

**Benjamin Samstein, MD**, Weill Cornell Medical Center, New York, NY

**9:05 PM - 9:15 PM**

**Minimal Invasive Live Donor Hepatectomy : Robotic Approach**

**Yee Lee J. Cheah, MD**, Director, Living Donor Liver Transplantation, Lahey Hospital & Medical Center, Burlington, MA

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: Liver

**The Role of Exercise in Advanced Liver Disease**

**8:45 PM - 9:30 PM**

**Moderators:**

**Puneeta Tandon, MD, FRCP(C), MSc**, University of Alberta, Edmonton, AB, Canada  
**Jennifer Lai, MD/MBA**, University of California, San Francisco, San Francisco, CA

**8:45 PM - 8:55 PM**

**The Exercise Prescription in ESLD: Establishing a Prehabilitation Program**

**TBD**

**8:55 PM - 9:05 PM**

**Impact of Frailty and Sarcopenia on Pre- and Post-transplant Outcomes**

**Elizabeth Carey, MD**, Mayo Clinic Scottsdale, Phoenix, AZ

**9:05 PM - 9:15 PM**

**When and How to Provide Specialized Nutritional Support**

**Jeanette M. Hasse, PhD, RD**, Baylor University Medical Center, Dallas, TX

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: Pharmacy

**Using Motivational Interviewing to Identify and Overcome Barriers to Adherence**

**8:45 PM – 8:55 PM**

**Using Motivational Interviewing to Identify and Overcome Barriers to Adherence**

**Michael Stawnychy, PhD**, University of Pennsylvania, Philadelphia, PA

**8:55 PM – 9:05 PM**

**Using Motivational Interviewing to Identify and Overcome Barriers to Adherence**

**TBD**

**9:05 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: Women's Health

**Uterus Transplantation - Meet the New Kid on the Block**

**8:45 PM - 9:30 PM**

**Moderators:**

**Andreas Tzakis, MD**, Cleveland Clinic, Cleveland, OH  
**Giuliano Testa, MD, FACS, MBA**, Simmons Transplant Institute, Dallas, TX

**8:45 PM - 8:55 PM**

**Uterus Donors - Living, Diseased, and Selection**

**Liza Johannesson, MD, PhD**, JBaylor University Medical Center, Dallas, TX

**8:55 PM - 9:05 PM**

**Filling Knowledge Gaps with Uterus**

#### Transplantation Research

**Paige Porrett, MD, PhD**, University of Alabama at Birmingham, Birmingham, AL

**9:05 PM - 9:15 PM**

**Uterus Reproductive Endocrinology and Supply/Demand for Uterus Transplantation**  
**Cristiano Quintini, MD**, Cleveland Clinic, Cleveland, OH

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

#### Program Topic: ID

**Controversies and Updates in Management of Hepatitis B Virus in Solid Organ Transplantation**

**8:45 PM - 9:30 PM**

**Moderators:**

**Kapil Saharia, M.D**, University of Maryland School of Medicine, Baltimore, MD

**Nicole Theodoropoulos, MD, MS**, University of Massachusetts Medical School, Worcester, MA

**8:45 PM - 8:50 PM**

**Controversies and Updates in HBV Management**  
**Josh Levitsky, MD, MS**, Northwestern University Feinberg School of Medicine, Chicago, IL

**8:50 PM - 8:55 PM**

**Pro: Use of HBsAg Positive Donors - Safe Expansion of the Donor Pool**

**Paolo Antonio Grossi, MD, PhD**, University of Insubria, Varese, Italy

**8:55 PM - 9:00 PM**

**Con: HBsAg Positive Donors: Too much risk for HBV Negative Recipients**

**Karen Doucette, MD, MSc** University of Alberta, Edmonton, AB, Canada

**9:00 PM - 9:30 PM**

**Live Video Question and Answer**

#### Program Topic: Pediatric

**Recurrent Disease in Pediatric Transplantation**

**8:45 PM - 9:30 PM**

**Moderators:**

**Sharad Wadhwani, MD MPH** University of California San Francisco, Oakland, CA

**Daniella Levy Erez, MD MTR**, Schneider Children's Medical Center, Israel, Petach Tikva, Israel

**8:45 PM - 8:55 PM**

**Non Pharmacologic Strategies to Prevent Recurrent Kidney Disease**

**Priya Verghese, MD, MPH**, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

**8:55 PM - 9:05 PM**

**Therapeutic Advancements for the Pharmacologic Management of Recurrent Disease**

**Michael Somers, MD**, Boston Children's Hospital, Boston, MA

**9:05 PM - 9:15 PM**

**Recurrent Diseases in Pediatric Transplantation: Who, What, and Why**

**Sharon Bartosh, MD**, University of Wisconsin, Madison, WI

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

#### Program Topic: Liver

**The Kidney in Liver Disease**

**8:45 PM - 9:30 PM**

**Moderators:**

**Marina Serper, MD, MS**, Assistant Professor of Medicine, UPenn, Philadelphia, PA

**8:45 PM - 8:55 PM**

**Re (de) fining the Role of Renal Replacement Therapy in Liver Disease**

**Mitra Nadim, MD**, University of Southern California, Los Angeles, CA

**9:15 PM - 9:30 PM**  
 Live Video Question and Answer

**8:55 PM - 9:05 PM**  
**Adding Insult to Injury: Role of Biomarkers in Acute Kidney Injury and Dual Organ Transplantation**  
**Claire Francoz**, Beaujon Hospital

**Program Topic: Other**

**“Check with your PCP...”- Primary Care for the Transplant Provider**

**9:05 PM - 9:15 PM**  
**End of Road for Serum Creatinine? Time to Revise the MELD Score**  
**Sumeet Asrani, MD MSc**, Baylor University Medical Center, Dallas, TX

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Nicholas Lim, MD**, University of Minnesota, Minneapolis, MN

**9:15 PM - 9:30 PM**  
 Live Video Question and Answer

**8:45 PM - 8:55 PM**  
**Diabetes in the Health of the SOT Patient**  
**Ann Hackett, APRN**, Vanderbilt University, Nashville, TN

**Program Topic: Public Policy**

**The Practical Implementation of Imminent Death Donation**

**8:55 PM - 9:05 PM**  
**Update in Cancer Screening for SOT Patients**  
**TBD**

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Paul Morrissey, MD**, Professor of Surgery, Rhode Island Hospital, Providence, RI

**9:05 PM - 9:15 PM**  
**Vaccination of the SOT Patient**  
**Emily Blodgett, MD MPH**, Associate Professor of Clinical Medicine, University of Southern California, Los Angeles, CA

**8:45 PM - 8:55 PM**  
**Engaging the Stakeholders that Need to be Involved with the Development of Imminent Death Donation**  
**Kevin Myer, MSHA**, LifeGift, Houston, TX

**9:15 PM - 9:30 PM**  
 Live Video Question and Answer

**8:55 PM - 9:05 PM**  
**What are the Barriers to Implementation of Imminent Death Donation**  
**N. Thao Galvan, MD, MPH, FACS**, Baylor College of Medicine, Houston, TX

**Program Topic: Heart & Lung**

**Complex Thoracic Desensitization Cases: What makes Sense?**

**9:05 PM - 9:15 PM**  
**The Practical Implementation of Imminent Death Donation**  
**Tim Pruett, MD**, University of Minnesota, Minneapolis, MN

**8:45 PM - 8:55 PM**  
**Complex Desensitization Cases**  
**Jon A. Kobashigawa, MD**, Cedars-Sinai Smidt Heart Institute, Los Angeles, CA

**8:55 PM - 9:05 PM**  
**Complex Desensitization Cases**  
**Anat Tambur, PhD, DMD**, Northwestern University, Chicago, IL

**9:05 PM - 9:30 PM**

Live Video Question and Answer

**Program Topic: Kidney**

**What is the Big Deal with a Little Fatty Liver in a Living Kidney Donor Candidate?**

**8:45 PM - 9:30 PM**

**Moderators:**

**Vineeta Kumar, MD**, University of Alabama At Birmingham, Birmingham, AL

**AnnMarie Liapakis, MD**, Yale School of Medicine, Digestive Disease, New Haven, CT

**8:45 PM - 8:55 PM**

**Clinical Algorithm: Potential Live Kidney Donors with NAFLD**

**TBD**

**8:55 PM - 9:05 PM**

**Non-alcoholic Fatty Liver Disease and Chronic Kidney Disease**

**William Asch, MD, PhD**, Yale New Haven Transplantation Center, New Haven, CT

**9:05 PM - 9:15 PM**

**Non-alcoholic Fatty Liver Disease: Update for the Non-hepatologist**

**Wajahat Mehal, MD, PhD**, Yale School of Medicine

**9:15 PM - 9:45 PM**

Live Video Question and Answer

**Program Topic: Small Bowel**

**Quality of Life after Intestine Transplant**

**8:45 PM - 9:30 PM**

**Moderators:**

**David Mercer, MD, FRCS, PhD**, University of Nebraska Medical Center, Omaha, NE

**Mercedes Martinez, MD**, Columbia University, New York, NY

**8:45 PM - 8:50 PM**

**Pain management after intestine transplant – the pharmacist perspective**

**Bryant Summers, Pharm D**, Henry Ford Hospital, Detroit, MI

**8:50 PM - 8:55 PM**

**Psychological obstacles in adults after intestine transplant**

**Benson Hoffman, Ph.D.**, Duke University, Durham, NC

**8:55 PM - 9:00 PM**

**Growth and socialization in children after intestine transplant**

**Jennifer Garcia, MD**, University of Miami, Miami, FL

**9:00 PM - 9:30 PM**

Live Video Question and Answer

**Program Topic: Kidney**

**Cytomegalovirus Prevention: Best Practices and Emerging Innovations**

**8:45 PM - 9:30 PM**

**Moderators:**

**Abhijit (Ajit) Limaye, MD** University of Washington, Seattle, WA

**Jonathan Maltzman, MD, PhD, FAST**, Stanford University, Palo Alto, CA

**8:45 PM - 8:55 PM**

**CMV Serostatus and Outcomes in Kidney Transplantation**

**Martha Pavlakis, MD, FAST, FASN**, Beth Israel Deaconess Medical Center, Boston, MA

**8:55 PM - 9:05 PM**

**An Economic Analysis of CMV Seromatching in Kidney Transplantation**

**David Axelrod, MD, MBA**, East Carolina University/Vidant Medical

**9:05 PM - 9:15 PM**

**CMV Matching in Deceased Donor Kidney**



**Transplantation: Waitlist and Patient Outcomes**  
**Joe Lockridge, MD**, Oregon Health and Sciences University, Portland, OR

**9:15 PM - 9:30 PM**

Live Video Question and Answer

**Program Topic: Prof Develop**

**Real Talk: Process and Strategy for Clinical Trial Grant Writing**

**8:45 PM - 9:30 PM**

**Moderators:**

**Norah Terrault, MD, MPH**, University of Southern California, Los Angeles, CA  
**Mark Stegall, MD**, Mayo Clinic, Rochester, MN

**8:45 PM - 8:55 PM**

**Formulating the Question**

**Peter Heeger, MD**, Icahn School of Medicine at Mount Sinai, New York, NY

**8:55 PM - 9:05 PM**

**Partnerships and Collaborations with Other Centers**

**Sandy Feng, MD, PhD**, University of California San Francisco, San Francisco, CA

**9:05 PM - 9:15 PM**

**The NIH Perspective**

**TBD**

**9:15 PM - 9:30 PM**

Live Video Question and Answer

**Program Topic: Pancreas & Prof Develop**

**Expanding your Pancreas Transplant Program**

**8:45 PM - 8:50 PM**

**Expanding Your Pancreas Transplant Program**  
**Kunam S. Reddy, MD**, Mayo Clinic Arizona, Phoenix, AZ

**8:50 PM - 8:55 PM**

**Expanding Your Pancreas Transplant Program**

**Raja Kandaswamy, MD, FACS**, University of Minnesota, Minneapolis, MN

**8:55 PM - 9:00 PM**

**Expanding Your Pancreas Transplant Program**

**George Burke, MD**, Univ of Miami School of Medicine, Miami, FL

**9:00 PM - 9:30 PM**

Live Video Question and Answer

**Sunday, June 6, 2021**

**Welcome**

**8:45 AM - 10:25 AM**

**Program Topic: All Topics**

**Sunday, June 6, 2021**

## Sunday, June 6, 2021

### IMPACT

**9:00 AM - 10:00 AM**

#### Program Topic: Liver

**Evolution of Living Liver Donation in North America: 2020 and Beyond**

**9:00 AM - 10:00 AM**

**Moderators:**

**Amit Mathur, MD MS FACS** Mayo Clinic in Arizona, Phoenix, AZ

**9:00 AM - 9:10 AM**

**Successes and Challenges in Developing Non-Directed Liver Donation Programs: Donor Safety and Recipient Selections**

**Nazia Selzner, MD PhD**, Toronto, ON, Canada

**9:10 AM - 9:20 AM**

**Living Donor Liver Transplantation in North America: Where are we Going?**

**Tarunjeet Klair, MD**, University of Texas Health San Antonio, San Antonio, TX

**9:20 AM - 9:30 AM**

**Implementation of Paired Liver Donation in a LDLT Program**

**Robert Montgomery, MD, D Phil, FACS**, NYU Langone Transplant Institute, New York, NY

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

#### Program Topic: Ethics

**Palliative Care & Solid Organ Transplantation: A Spectrum of Care**

**9:00 AM - 10:00 AM**

**Moderators:**

**Kristin Kuntz, Ph.D**, The Ohio State University Medical Center, Columbus, OH

**Nicole McCormick, DNP, MBA, NP-C, CCTC**, University of Colorado, Denver, CO

**9:00 AM - 9:10 AM**

**Overview of Palliative Care**

**Brittany Waterman, MD**, The Ohio State University Wexner Medical Center, Columbus, OH

**9:10 AM - 9:20 AM**

**Palliative Care in the Pre-Transplant Setting**

**Kristin Kronsoble, PhD**, Transplant Psychology, Tampa General Hospital, Tampa, FL

**9:20 AM - 9:30 AM**

**Palliative Care in the Post-Transplant Setting**

**Maha Mohamed, Medical Doctor (MD)**, Department of Nephrology, Madison, WI

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

#### Program Topic: Pediatric

**What is This Spot on My.....? What Every Transplant Physician should know about Treating Skin Problems in Pediatric Transplant Patients**

**9:00 AM - 10:00 AM**

**Moderators:**

**Joshua Blatter, MD, MPH**, Washington University School of Medicine in St. Louis, Saint Louis, MO

**Cadence Kuklinski, DO**, Washington University, Saint Louis, MO

**9:00 AM - 9:10 AM**

**It's Spreading: Common Infectious Skin Lesions after Transplantation**  
**TBD**

**9:10 AM - 9:20 AM**

**I was Fine Before I Started Taking that Drug: Common Drug Related Skin Reactions in Transplantation**

**Antonette Flecha, PharmD**, Montefiore Medical Center, Old Brookville, NY

**9:20 AM - 9:30 AM**

**Picture This: Dermatologic Case Review and Treatment Options**

**Carrie Coughlin, MD**, Washington University School of Medicine St. Louis, St. Louis, MO

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Kidney

**Blood Pressure Screening and Associated Outcomes in Living Kidney Donors**

**9:00 AM - 10:00 AM**

**Moderators:**

**Nagaraju Sarabu, MD**, University Hospitals, Cleveland, OH

**9:00 AM - 9:10 AM**

**Post-donation Outcomes Related to Hypertension in Living Kidney Donors**

**Asif Sharfuddin**, Indiana University School of Medicine, Indianapolis, IN

**9:10 AM - 9:20 AM**

**Interpreting Blood Pressure in Living Donor Candidates: How to Measure? What Cutoffs to Use?**

**Joshua Augustine, MD**, Cleveland Clinic Foundation, Cleveland, OH

**9:20 AM - 9:30 AM**

**Update on National Guidelines for Hypertension and Monitoring for Hypertension in the General Population**

**Sandra Taler, MD**, Mayo Clinic, Rochester, MN

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Public Policy

**Doctors, Patients, Lawyers, and Legislators: Who Decides for Whom?**

**9:00 AM - 10:00 AM**

**Moderators:**

**Ryutaro Hirose, MD**, University of California-San Francisco, San Francisco, CA

**Jeffrey D. Edelman, MD**, University of Washington, Seattle, WA

**9:00 AM - 9:10 AM**

**How Do We Define and Measure Transplant Benefit**

**Elisa Gordon, PhD, MPH**, Northwestern University Feinberg School of Medicine, Chicago, IL

**9:10 AM - 9:20 AM**

**What Forces Govern and Influence Organ Allocation Policy**

**Yolanda Becker, MD**, University of Chicago, Chicago, IL

**9:20 AM - 9:30 AM**

**What is Continuous Distribution and Why is it the Way to Go?**

**Kevin O'Connor, MS**, Life Center Northwest, Bellevue, WA

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Basic

**Ischemia Reperfusion-Alloimmunity Interface**

**9:00 AM - 10:00 AM**

**Moderators:**

**Robert Fairchild, PhD**, Cleveland Clinic, Cleveland, OH

**Anita Chong, PhD**, The University of Chicago Medicine, Chicago, IL

**9:00 AM - 9:10 AM**

**IRI and Tolerance**

**Anna Valujskikh, PhD**, The Cleveland Clinic, Cleveland, OH

**9:10 AM - 9:20 AM**

**IRI, Complement and the Allo-immune Response**

**Dan Jane-wit, MD, PhD**, Yale University School of Medicine, New Haven, CT

**9:20 AM - 9:30 AM**

**Hepatic C-CAM-1 Expression Indicates Donor Quality and Predicts IRI Injury in Liver Transplant**

**Jerzy Kupiec-Weglinski, MD, PhD**, UCLA Medical Center, Los Angeles, CA

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Heart**

**Examine Well Your Blood: Heart Transplant Management Without a Biopsy**

**9:00 AM - 10:00 AM**

**Moderators:**

**Howard Eisen, MD**, Pennsylvania State University, Hershey, PA

**Shelley Hall, MD**, Baylor University Medical Center, Dallas, TX

**9:00 AM - 9:10 AM**

**The Coast is Clear: Gene Expression Profiling for Asymptomatic Screening**

**TBD**

**9:10 AM - 9:20 AM**

**All's Quiet on the Western Front**

**Kiran Khush, MD**, Stanford, Stanford, CA

**9:20 AM - 9:30 AM**

**Enter the Exosome**

**TBD**

**9:30 AM - 9:40 AM**

**Putting It All Together**

**Cesar Guerrero-Miranda, MD, FACC**, Baylor

University Medical Center, Dallas, TX

**9:40 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Translational**

**Spatial and Single Cell Profiling in Transplant Immune Injury**

**9:00 AM - 10:00 AM**

**Moderators:**

**Vikas Dharnidharka, MD, MPH**, Washington University, St. Louis, MO

**Michael Mengel, MD**, University of Alberta, Edmonton, AB, Canada

**9:00 AM - 9:10 AM**

**To Know What Single Cell RNA Sequencing Technology Is**

**Benjamin Humphreys, MD, PhD**, Washington University, St. Louis, MO

**9:10 AM - 9:20 AM**

**Single Cell Transcriptomics in Renal Transplant**

**Menna Clatworthy, MD, PhD, FRCP, FMedSci**, University of Cambridge, Cambridge, United Kingdom

**9:20 AM - 9:30 AM**

**Title TBD**

**Andrew Malone, MD**, Washington University School of Medicine, St Louis, MO

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Kidney**

**TCMR After Kidney Transplantation in 2021: Are We Moving Forward?**

**9:00 AM - 10:00 AM**

**Moderators:**

**Peter Nickerson, MD**, University of Manitoba, Winnipeg, MB, Canada

**9:00 AM - 9:10 AM**

**Innovative Therapies in Horizon for the Treatment of TCMR.**

**Flavio Vincenti, MD**, University of California San Francisco, San Francisco, CA

**9:10 AM - 9:20 AM**

**Strengths and Limitations of Histology**

**Mark Haas, MD, PhD**, Cedars-Sinai Medical Center, Dept. of Pathology, Los Angeles, CA

**9:20 AM - 9:30 AM**

**Clinical and Sub-clinical TCMR in 2019 and its Relevance to Clinicians and Researchers**

**Sundaram Hariharan, MD**, Univ of Pittsburgh Med Center, Pittsburgh, PA

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Pharmacy & Pediatric**

**The Road Less Traveled: Experience with Unique Immunosuppression in Pediatric Transplantation**

**9:00 AM - 10:00 AM**

**Moderators:**

**TBD**

**9:10 AM - 9:20 AM**

**Proliferation Signal Inhibitor Avenue: Use of mTORi/PSI Immunosuppression in Pediatric Heart Transplantation**

**Kevin Daly, MD**, Children's Hospital Boston, Boston, MA

**9:00 AM - 9:10 AM**

**Belatacept Lane: Use of Belatacept in Pediatric Kidney Transplantation**

**Rochelle Liverman, Pharm.D.**, Children's Healthcare of Atlanta, Atlanta, GA

**9:20 AM - 9:30 AM**

**Tacrolimus Highway: Use of Extended Release Tacrolimus Products in Pediatric Heart, Liver, and Kidney Transplantation**

**Mary Chandran, PharmD**, Children's Hospital Colorado, Denver, CO

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: ID**

**Is the Microbiome a Therapeutic Target in Transplantation?**

**9:00 AM - 10:00 AM**

**Moderators:**

**Elizabeth Verna, MD, MS**, Columbia University, Hartsdale, NY

**Carlos Gomez, MD**, University of Utah School of Medicine, Salt Lake City, UT

**9:00 AM - 9:10 AM**

**Restoring the Microbiome to Prevent and Treat Infection**

**TBD**

**9:10 AM - 9:20 AM**

**Microbiome 101: What is it, How do you Measure it, and Why is it Important?**

**Jasmohan Bajaj, MD**, Virginia Commonwealth University, Richmond, VA

**9:20 AM - 9:30 AM**

**Targeting the Microbiome to Prevent Post-Transplant Metabolic Disease and Rejection**

**Mamatha P. Bhat, MD, PhD**, University Health Network, Toronto, ON, Canada

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Break**

**10:00 AM - 10:30 AM**

**Program Topic: All Topics**

**Personal Break**



**Plenary Oral Abstract**  
**10:30 AM - 11:30 AM**

Program Topic: All Topics

Plenary 2  
**4 Oral Abstract Presentations with Live Q & A**

Moderators:  
**Lloyd Ratner, MD, MPH**, Columbia University, New York NY  
**Emily Blumberg, MD, FAST**, University of Pennsylvania, Philadelphia, PA

**Networking**  
**11:30 AM - 12:00 PM**

Program Topic: All Topics

Sponsor Networking

**Presidential Addresses**  
**12:00 PM - 12:30 PM**

Program Topic: All Topics

AST Presidential Address

Introduction – AST Past President  
**Emily Blumberg, MD, FAST**, University of Pennsylvania, Philadelphia, PA

Address – AST President  
**Richard Formica, MD, FAST**, Yale University School of Medicine, New Haven, CT

**Society Awards**  
**12:30 PM - 1:15 PM**

Program Topic: All Topics

AST Awards & Lifetime Achievement Award

**Break**  
**1:15 PM - 1:30 PM**

Program Topic: All Topics

Personal Break

**Satellite Symposia**  
**1:30 PM - 2:30 PM**

Program Topic: Other

Satellite Symposia Sponsored Programs

**Break**  
**2:30 PM - 3:00 PM**

Program Topic: All Topics

Personal Break

**IMPACT**  
**3:00 PM - 4:00 PM**

Program Topic: ID

Don't Give up HOPE: Evolving Standard Transplant Care for HIV Infected Patients

**3:00 PM - 4:00 PM**  
Moderators:  
**Emily Blumberg, MD, FAST**, University of Pennsylvania, Philadelphia, PA  
**Ghady Haidar, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**3:00 PM - 3:10 PM**  
**HIV+/+ Kidney Transplantation: Time to Expand TBD**

**3:10 PM - 3:20 PM**  
**HIV+/+ Heart and Lung Transplantation: Novel Strategies for a Hopeful World**

**Marcus Pereira, MD, MPH**, New York  
 Presbyterian Hospital, New York, NY

**3:20 PM - 3:30 PM**

**HIV+/+ Liver Transplantation: Who, Why, When, Where to Refer**

**Meenakshi Rana, MD**, Icahn School of Medicine at Mount Sinai, New York, NY

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Heart & Kidney**

**The Results of the Consensus Conference on Heart-Kidney Transplantation**

**3:00 PM - 4:00 PM**

**Moderators:**

**Darshana Dadhania, M.D.**, Weill Cornell Medicine - NYPH, New York, NY

**Maryjane Farr, MD MSc**, Columbia University Irving Medical Center, New York, NY

**3:00 PM - 3:10 PM**

**The Pathophysiology of Cardiorenal Disease Leading to End Organ Failure**

**W. H. Wilson Tang, MD**, Cleveland Clinic, Cleveland, OH

**3:10 PM - 3:20 PM**

**A Prognostic Index for Combined Heart/ Kidney Transplantation- Which Biomarkers are Important? Review of Pertinent Studies**

**Xingxing Cheng, MD MS**, Stanford University, Palo Alto, CA

**3:20 PM - 3:30 PM**

**The Ethics of Fual Organ Transplantation: Evaluating Fairness in Organ Allocation**

**Savitri Fedson, MD**, Baylor College of Medicine, Houston, TX

**3:30 PM - 3:40 PM**

**Consensus Statements from the Heart/Kidney Workgroup**

**Jon A. Kobashigawa, MD**, Cedars Sinai Heart

Transplant Program, Los Angeles, CA

**3:40 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Kidney**

**Role of Genetic Testing in Potential Living Donor Candidates**

**3:00 PM - 4:00 PM**

**Moderators:**

**Ethan Marin, MD, PhD**, Regeneron Pharmaceuticals, New Haven, CT

**3:00 PM - 3:10 PM**

**NGS, WES, WGS - The Genomic Era for Nephrologic Diagnosis and Therapy vis-à-vis Living Kidney Donation**

**Ali Gharavi, M.D.**, Columbia University, New York, NY

**3:10 PM - 3:20 PM**

**Genetic Implications for Living Kidney Donors with a Family History of ADPKD and other Inheritable Kidney Diseases**

**Meyeon Park, MD MAS**, UCSF, San Francisco, CA

**3:20 PM - 3:30 PM**

**Ethical Stewardship in Genetic Testing of Living Kidney Donors - Are We Crossing the Rubicon?**

**Christie Thomas, MD**, University of Iowa, Iowa City, IA

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Liver**

**Responsible Expansion of Living Donor Liver Transplantation in the United States**

**3:00 PM - 4:00 PM**

**Moderators:**

**Whitney E. Jackson, MD**, University of

Colorado, Aurora, CO

**Kim Olthoff, MD**, University of Pennsylvania, Philadelphia, PA

**3:00 PM - 3:10 PM**

**Obesity & Metabolic Considerations: Iron Discussions**

**AnnMarie Liapakis, MD**, Yale School of Medicine, Digestive Disease, New Haven, CT

**3:10 PM - 3:20 PM**

**Mental Health History**

**TBD**

**3:20 PM - 3:30 PM**

**The Hypercoagulable Work up of a Living Liver Donor - What's Relevant and Necessary?**

**TBD**

**3:30 PM - 3:40 PM**

**Too Young or Too Old, Discussion on Donor Age**

**TBD**

**3:40 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Ex-vivo Modeling of Complex Immune Processes**

**3:00 PM - 4:00 PM**

**Moderators:**

**Luc van der Laan, PhD**, Erasmus MC University Medical Center Rotterdam, Rotterdam, Netherlands

**Alejandro Soto-Gutierrez, MD, PhD**, University of Pittsburgh, Pittsburgh, PA

**3:00 PM - 3:10 PM**

**LN Slices for Studying Immunity**

**TBD**

**3:10 PM - 3:20 PM**

**Tissue Organoids for Drug Discovery**

**TBD**

**3:20 PM - 3:30 PM**

**TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: COVID-19**

**Late-Breaking: COVID Vaccination and Immunotherapy in Transplant Patients**

**3:00 PM - 4:00 PM**

**Moderators:**

**Tim Pruett, MD**, University of Minnesota, Minneapolis, MN

**Andre Dick, MD, MPH**, University of Washington School of Medicine Seattle, Seattle, WA

**3:00 PM - 3:15 PM**

**A US-wide study of COVID Vaccine Safety, Immune Response, and Durability in 3000 Transplant Patients**

**Dorry Segev, MD, PhD**, Johns Hopkins University, Baltimore, MD

**3:15 PM - 3:30 PM**

**Immunotherapy and Immunomodulation for COVID-19 in Transplant Patients**

**Robin Avery, MD**, Johns Hopkins, Baltimore, MD

**3:30 PM - 3:45 PM**

**Making Sense of Vaccine and COVID Outcomes for Up to Date Clinical Recommendations**

**Michael Ison, MD, MS**, Northwestern University Feinberg School of Medicine, Chicago, IL

**3:45 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Pharmacy**

**Advanced Ambulatory Practice Models in Solid Organ Transplant**

**3:00 PM - 4:00 PM**

**Moderators:**

**Christina Doligalski, PharmD**, UNC Hospitals and Clinics, Chapel Hill, NC

**Nicole McCormick, DNP, MBA, NP-C, CCTC**, University of Colorado, Denver, CO

**3:00 PM - 3:10 PM**

**Development of an Advanced Practice Pharmacist Clinic for Outpatient Transplant Recipients**

**Holli Winters, PharmD, BCPS**, Ohio State University Wexner Medical Center, Columbus, OH

**3:10 PM - 3:20 PM**

**Learning the Value of Pharmacy Learners in Transplant**

**Matt Harris, PharmD**, Duke, Durham, NC

**3:20 PM - 3:30 PM**

**Use of Pharmacy Technicians in the Outpatient Transplant Clinic**

**Kristen Belfield, PharmD, BCPS**, Yale New Haven Hospital, New Haven, CT

**3:30 PM - 3:40 PM**

**Role Delineations in a Multi-Disciplinary Outpatient Transplant Clinic**

**Kristen Ryland, BS BSN MSN NP**, Mayo Clinic, Jacksonville, FL

**3:40 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Lung & Heart**

**Controversies in Candidate Selection for Cardiothoracic Transplantation**

**3:00 PM - 4:00 PM**

**Moderators:**

**Keith M. Wille, MD**, University of Alabama at Birmingham, Birmingham, AL

**Simon Urschel, MD**, University of Alberta /Stollery Children's Hospital, Edmonton, AB, Canada

**3:00 PM - 3:10 PM**

**Frailty Assessment Tools and Risk Stratification in Cardiothoracic Transplant Candidates**

**Palak Shah, MD, MS**, Inova Heart and Vascular Institute, Falls Church, VA

**3:10 PM - 3:20 PM**

**Marijuana Use and Cardiothoracic Transplant Candidacy - Current Views and Experiences**

**Lorriana Leard, MD**, University of California San Francisco, San Francisco, CA

**3:20 PM - 3:30 PM**

**HIV or Viral Hepatitis Positive - A New Era in Potential Candidate Selection**

**Christine Koval, MD**, Cleveland Clinic Foundation, Cleveland, OH

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Translational**

**Regulatory T cell therapy for Clinical Autoimmune and Transplantation Tolerance**

**3:00 PM - 4:00 PM**

**Moderators:**

**James Mathew, PhD**, Northwestern University, Chicago, IL

**Giovanna Lombardi, BSc, PhD, FMedSci**, King's College, London, United Kingdom

**3:00 PM - 3:10 PM**

**CAR Tregs**

**Megan Levings, PhD**, BC Children's Hospital Research Institute, Vancouver, BC, Canada

**3:10 PM - 3:20 PM**

**Regulatory T cells Therapies Being Conducted at UCSF**

**Qizhi Tang, PhD**, UCSF, San Francisco, CA

**3:20 PM - 3:30 PM**

**Regulatory T cells Studies Being Undertaken in the UK**

**Alberto Sanchez-Fueyo, MD, PhD**, King's

College London, Long, UK

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Program Topic: Ethics

**Reaching for the Elusive Brass Ring:  
Challenges Faced by Donor and Recipient  
Minorities when Accessing Transplant**

**3:00 PM - 4:00 PM**

Moderators:

**Paulo Martins, MD, PhD**, University of  
Massachusetts, Worcester, MA

**Angie Nishio Lucar, MD**, University of Virginia,  
Charlottesville, VA

**3:00 PM - 3:10 PM**

**Using an Intersectionality Framework to Address  
Disparities in access to Kidney Transplantation**

**Camilla W. Nonterah, PhD**, University of  
Richmond, Richmond, VA

**3:10 PM - 3:20 PM**

**Educational Outreach to Potential Recipients and  
Prospective Donors from Minority Groups**

**Amy Waterman, PhD**, UCLA, Los Angeles, CA

**3:20 PM - 3:30 PM**

**Community-Engagement Approaches to  
Addressing Disparities in Transplantation**

**Tanjala Purnell, PhD, MPH**, Johns Hopkins  
University, Baltimore, MD

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Program Topic: Kidney

**Medical Risks in Young Donors**

**3:00 PM - 4:00 PM**

Moderators:

**Jim Rodrigue, PhD**, Beth Israel Deaconess  
Medical Center, Boston, MA

**Anuja Java, MD**, Washington University School  
of Medicine in St. Louis, MO, Saint Louis, MO

**3:00 PM - 3:10 PM**

**Pregnancy Risks after Live Kidney Donation**

**Arthur Matas, MD**, University of Minnesota  
Medical School, Minneapolis, MN

**3:20 PM - 3:30 PM**

**Medical Risks in Young Donors**

**Robert Steiner, MD**, UCSD Medical Center, San  
Diego, CA

**3:10 PM - 3:20 PM**

**Assessing Emotional Maturity and Readiness to  
Consent as an Organ Donor**

**Sheila Jowsey-Gregoire, MD**, Mayo Clinic  
Transplant Center, Mayo Clinic, Rochester, MN

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Networking

**4:00 PM - 4:30 PM**

### Program Topic: All Topics

**Sponsor Networking**

### Rapid Fire Oral Abstract

**4:30 PM - 5:30 PM**

**Program Topic: Kidney**

**Kidney Deceased Donor Selection**

**Program Topic: Liver**

**Hemodynamic Consequences of Portal  
Hypertension Including Kidney Issues**

**Program Topic: Basic**

**Biomarkers, Immune Assessment and  
Clinical Outcomes - II**

**Program Topic: Public Policy & Ethics**

**Potpourri of Public Policy and Allocation**



Program Topic: Heart  
 Do's and Don'ts of Heart Transplant Care

Program Topic: ID  
 COVID-19 Session 2

**Focus in TX**  
**4:30 PM - 6:30 PM**

Program Topic: Translational

Translational: Solving the Donor Shortage  
 with Science

**4:30 PM - 7:00 PM**

Moderators:

**Markus Selzner, MD**, University of Toronto,  
 Toronto, ON, Canada

**Robert Montgomery, MD, D.Phil, FACS**, NYU  
 Langone Transplant Institute, New York, NY

**4:30 PM - 4:40 PM**

Organ Rejuvenation/Perfusion- Ex-vivo and in  
 Animals

**Sarah Hosgood, PhD**, University of Cambridge,  
 Cambridge, United Kingdom

**4:40 PM - 4:50 PM**

Organ Preservation/Cryopreservation

**Heidi Yeh, MD**, Massachusetts General Hospital,  
 Boston, MA

**4:50 PM - 5:00 PM**

Biofabrication

**Laura Niklason, MD, PhD**, Yale University, CT

**5:00 PM - 5:30 PM**

Live Video Question and Answer

**5:30 PM - 6:00 PM**

Break

**6:00 PM - 6:10 PM**

Xeno/Chimeric Organs

**Megan Sykes, MD**, Columbia University, New  
 York, NY

**6:10 PM - 6:20 PM**

Stem Cell/Recellularization

TBD

**6:20 PM - 6:30 PM**

The Ethics of Novel Means of Expanding the  
 Donor Pool

**Arthur L. Caplan, PhD**, New York University,  
 New York, NY

**6:30 PM - 7:00 PM**

Live Video Question and Answer

**Break**

**5:30 PM - 6:00 PM**

Program Topic: All Topics

Personal Break

**Rapid Fire Oral Abstract**

**6:00 PM - 7:00 PM**

Program Topic: Lung

When Opportunity Knocks... Identifying  
 Interventions to Optimize Lung Transplant  
 Outcomes

Program Topic: Kidney

Kidney Complications

Program Topic: ID

Infections in Kidney Recipients

Program Topic: Pharmacy

The Metabolism Milleu: Updates in  
 Pharmacokinetics and Pharmacogenomics

Program Topic: Liver

MELD, Allocation and Donor Issues

Program Topic: Kidney

Kidney Desensitization/KPD

***Break***

**7:00 PM - 7:30 PM**

Program Topic: All Topics

Personal Break

***Networking***

**7:30 PM - 8:30 PM**

Program Topic: All Topics

Sponsor Networking

***Poster Video Chat***

**7:30 PM - 8:30 PM**

Program Topic: Public Policy & Ethics  
Adherence, Economics, and Ethics

Program Topic: Liver  
Liver 1

Program Topic: Lung  
Lung Transplant Topics

Program Topic: Pharmacy  
Pharmacokinetics, Pharmacogenetics, and  
Drug Interactions, Oh My!

Program Topic: Kidney  
Kidney Deceased Donor Allocation 2

## Monday, June 7, 2021

### Welcome

8:45 AM - 10:25 AM

Program Topic: All Topics

Monday, June 7, 2021

### IMPACT

9:00 AM - 10:00 AM

Program Topic: Basic

Novel Approaches for Immune Modulation of the CD154 Pathway in Transplantation: New Tricks for an Old Dog

9:00 AM - 10:00 AM

Moderators:

**Christian Larsen, MD, PhD**, Emory University, Atlanta, GA

**Marilia Cascalho, MD PhD**, University of Michigan, Ann Arbor, MI

9:00 AM - 9:10 AM

Costimulation Blockade Promote Donor-specific B cells Differentiation into Suppressors of B cell Responses

**Anita Chong, PhD**, The University of Chicago Medicine, Chicago, IL

9:10 AM - 9:20 AM

CD11b is a Novel Alternate Receptor for CD154 during Alloimmunity

**Mandy Ford, PhD**, Emory University, Atlanta, GA

9:20 AM - 9:30 AM

Anti-CD40 in Combination with Apoptotic Donor Cells to Promote Islet Allograft Tolerance

**Xunrong Luo, MD, PhD**, Duke University School of Medicine, Durham, NC

9:30 AM - 10:00 AM

Live Video Question and Answer

Program Topic: Pediatric

Walking the Tightrope: Malignancies after Pediatric Solid Organ Transplantation (SOT)

9:00 AM - 10:00 AM

Moderators:

**Vikas Dharnidharka, MD, MPH**, Washington University in St. Louis, St. Louis, MO

**Nicole Hayde, MD, MS**, Montefiore Medical Center, Bronx, NY

9:00 AM - 9:10 AM

Graft Outcomes Following Malignancies in Pediatric SOT

**Lars Pape, MD, PhD**, University Hospital of Essen, Essen, Germany

9:10 AM - 9:20 AM

Where are We At: Current Status of Malignancies after Pediatric Solid Organ Transplantation

**Rahul Chanchlani, MD**, McMaster University, Hamilton, Ontario, Canada

9:20 AM - 9:30 AM

Prevention Strategies, Including the One Vaccine That Can Prevent Cancer: HPV Vaccine

**Corina Nailescu, MD**, Riley Hospital for Children, Indianapolis, IN

9:30 AM - 10:00 AM

Live Video Question and Answer

Program Topic: Pharmacy & Liver

Help Me Stay Sober After Liver Transplantation – Multimodal Multidisciplinary Approach

9:00 AM - 10:00 AM

Moderators:

**Sheila Jowsey-Gregoire, MD**, Mayo Clinic

**Shirley Tsunoda, PharmD**, University of California San Diego

**9:00 AM - 9:10 AM**

**Staying Sober: Pre-Transplant Assessment and Post-Transplant Monitoring**

**Brian Lee, MD**, University of California San Francisco

**9:10 AM - 9:20 AM**

**Multidisciplinary Approaches to Achieve Success in Maintaining Patient Sobriety Post-Liver Transplantation**

**Gerald Scott Winder, MD MSc**, University of Michigan, Ann Arbor, MI

**9:20 AM - 9:30 AM**

**Therapeutic Strategies for Treating Alcohol Relapse Post-Transplantation**

**Jeong Park, MS, PharmD**, University of Michigan, Ann Arbor, MI

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Liver

**Above and Below the Diaphragm: Pulmonary Vascular Disease and Liver Transplantation**

**9:00 AM - 10:00 AM**

**Moderators:**

**Keith M. Wille, MD**, University of Alabama at Birmingham, Birmingham, AL

**Lindsay King, MD, MPH**, Duke, Durham, NC

**9:00 AM - 9:10 AM**

**Diagnostic Strategies for the Evaluation of Pulmonary Vascular Disease in Chronic Liver Disease**

**Deborah Levine, MD**, University of Texas Health, San Antonio, TX

**9:10 AM - 9:20 AM**

**Outcomes of Liver Transplantation for Hepatopulmonary Syndrome - Should Transplantation be Performed in Patients with**

**Severe Hypoxemia?**

**Michael Fallon, MD, FACP, AGAF, FAASLD**, University of Arizona College of Medicine-Phoenix, Phoenix, AZ

**9:20 AM - 9:30 AM**

**Management of Portopulmonary Hypertension Pre and Post Liver Transplantation**

**Michael Krowka, MD**, Mayo Clinic, Rochester, MN

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Translational

**Taking the Next Step in Organ Perfusion: From Preservation to Personalized Repair**

**9:00 AM - 10:00 AM**

**Moderators:**

**Korkut Uygun, PhD**, Massachusetts General Hospital, Boston, MA

**Andrew Barbas, MD**, Duke University, Durham, NC

**9:00 AM - 9:10 AM**

**Clinical Trial Design for Marginal Organ Utilization after Pre-transplant Repair**

**Peter Friend, MD**, University of Oxford, Oxford, United Kingdom

**9:10 AM - 9:20 AM**

**Pre-transplant Therapies During Organ Perfusion: The State of the Art**

**Gregory Tietjen, PhD**, Yale University School of Medicine, New Haven, CT

**9:20 AM - 9:30 AM**

**Where Should Pre-transplant Organ Repair Happen? The Pros and Cons of Centers-of-Care Versus Recipient Centers**

**Shaf Keshavjee, MD**, Toronto General Hospital, Toronto, ON, Canada

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

## Program Topic: APP

### Pathway to Publishing

**9:00 AM - 10:00 AM**

**Moderators:**

**Karen Kerepesi, PA-C, MPAS**, Cleveland Clinic, Cleveland, OH

**9:00 AM - 9:10 AM**

**Recognizing Clinical Opportunities for Translational Research and Initial Steps**  
**Annette Needham, DNP, NP-C, CCTC**, UC Davis Transplant Center, Sacramento, CA

**9:10 AM - 9:20 AM**

**Implementing Fundamental Steps in the Research Process**

**Haley Hoy, PhD, NP**, University of Alabama Huntsville/Vanderbilt Medical Center, Huntsville, AL

**9:20 AM - 9:30 AM**

**Pearls for the Clinician in Addressing Common Barriers to Research**

**Stacey Lerret, PhD, CPNP-AC/PC, CCTC, FAAN**, Medical College of Wisconsin, Milwaukee, WI

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

## Program Topic: ID

### Population Health Improves Transplant Outcomes

**9:00 AM - 10:00 AM**

**Moderators:**

**Lilian Abbo, MD**, University Of Miami Miller School of Medicine, Miami, FL  
**Cameron Wolfe, MBBS, MPH**, Duke University Medical Center, Durham, NC

**9:10 AM - 9:20 AM**

**Antimicrobials as Precision Medicine:**

## Opportunities for Individualized Care

**Graeme Forrest, MBBS**, Portland VA Medical Center and OHSU, Portland, OR

**9:00 AM - 9:10 AM**

**Improving Patient Outcomes Together: Engaging in Stewardship Across Disciplines**  
**Margaret Jorgenson, PharmD**, UW Health, Madison, WI

**9:20 AM - 9:30 AM**

**Standardizing Infection Prevention and Control Strategies: Where is the Evidence?**  
**Elena Beam, M.D**, Mayo Clinic College of Medicine, Rochester, MN

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

## Program Topic: Kidney

### APOL1 and Living Donation: Donors and Recipients

**9:00 AM - 10:00 AM**

**Moderators:**

**Caroline Jadowiec, MD**, Mayo Clinic Arizona, Phoenix, AZ  
**Nadeen Khoury, MD**, Henry Ford Transplant Institute, Detroit, MI

**9:00 AM - 9:10 AM**

**APOL1 and Transplant Recipient Outcomes**  
**Amber Reeves-Daniel, DO**, Wake Forest School of Medicine, Winston Salem, NC

**9:10 AM - 9:20 AM**

**APOL1, Potential Donors, and Living Donation**  
**Mona Doshi, MBBS**, University of Michigan, Ann Arbor, MI

**9:20 AM - 9:30 AM**

**APOL1, Hypertension and Chronic Kidney Disease, Ethics of Genetic Testing and Psychosocial Implications**  
**John Friedewald, MD, FAST**, Northwestern University, Chicago, IL



**9:30 AM - 10:00 AM**

Live Video Question and Answer

**Program Topic: VCA**

**Novel Strategies to Modulate Innate and Adaptive Immunity in VCA**

**9:00 AM - 10:00 AM**

Moderators:

**Bruce Gelb, M.D.**, NYU Langone Medical Center, New York, NY

**Sue McDiarmid, MD**, UCLA Medical Center, Los Angeles, CA

**9:00 AM - 9:10 AM**

The Science of Immunosuppression in VCA

**Stefan Tullius, MD, PhD**, Brigham & Women's Hospital, Boston, MA

**9:10 AM - 9:20 AM**

Novel Insights into Mechanisms of Ischemia Reperfusion Injury in VCA

**Jerzy Kupiec-Weglinski, MD, PhD**, UCLA Medical Center, Los Angeles, CA

**9:20 AM - 9:30 AM**

Immunological Opportunities and Hurdles for Tolerance Induction in VCA

**Wayne Hancock, MD PhD**, Childrens Hospital of Philadelphia, Philadelphia, PA

**9:30 AM - 10:00 AM**

Live Video Question and Answer

**Program Topic: Ethics**

**Incorporating New Data into Selection of Living Kidney Donors: Minor Modifications or Fundamental Changes?**

**9:00 AM - 10:00 AM**

Moderators:

**Kenneth Newell, MD, PhD**, Emory University School of Medicine, Atlanta, GA

**9:00 AM - 9:10 AM**

Old is Gold: The Classic Selection Paradigm was "Almost Right" and will Continue to Serve us well, Perhaps with Minor Modifications

**Arthur Matas, MD**, University of Minnesota Medical School, Minneapolis, MN

**9:10 AM - 9:20 AM**

Time for a Change: Unacceptable Candidates of the Past may be Acceptable; It's Time to Redefine Acceptable Candidates for Living Kidney Donation

**Robert Steiner, MD**, UCSD Medical Center, San Diego, CA

**9:20 AM - 9:30 AM**

Review the Old and New Outcome Data Underlying the Classic and New Paradigms for Selection of Living Kidney Donors

**Vineeta Kumar, M.D.**, University of Alabama at Birmingham, Birmingham, AL

**9:30 AM - 10:00 AM**

Live Video Question and Answer

**Program Topic: Kidney**

**How Best to Optimize Deceased Donor Kidneys for Organ Transplantation in 2021?**

**9:00 AM - 10:00 AM**

Moderators:

**Sundaram Hariharan, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**Harini Chakkera, MD, MPH**, Mayo Clinic Arizona, Phoenix, AZ

**9:00 AM - 9:10 AM**

Use of AKI Kidneys from Deceased Donors for Kidney Transplantation

**Raymond Heilman, MD**, Mayo Clinic, Phoenix, AZ

**9:10 AM - 9:20 AM**

Can we Utilize Some of the Organs that are Being Discarded in USA?

**Sumit Mohan, MD, MPH**, Columbia University

Medical Center, New York, NY

**9:20 AM - 9:30 AM**

Optimizing Kidney Transplant Outcome with High KDPI Kidneys

**Michele Molinari, MD, MSc, FACS**, University of Pittsburgh Medical Center, Pittsburgh, PA

**9:30 AM - 10:00 AM**

Live Video Question and Answer

**Break**

**10:00 AM - 10:30 AM**

Program Topic: All Topics

Personal Break

**Plenary Oral Abstract**

**10:30 AM - 11:30 AM**

Program Topic: All Topics

Plenary 3

4 Oral Abstract Presentations with Live Q & A

Moderators:

**A. Osama Gaber, MD, FACS**, Houston

Methodist Hospital, Houston, TX

**John Gill, MD, MS, FAST**, University of British

Columbia, Vancouver, BC, Canada

**Networking**

**11:30 AM - 12:00 PM**

Program Topic: All Topics

Sponsor Networking

**Awards**

**12:00 PM - 12:30 PM**

Program Topic: Prof Develop

AJT Editor Update and Awards

**12:00 PM - 12:30 PM**

AJT Award Presentation & 21<sup>st</sup> Celebration

**Sandy Feng, MD, PhD**, University of California San Francisco, San Francisco, CA

**State-of-the-Art**

**12:30 PM - 1:00 PM**

Program Topic: All Topics

Thomas Starzl State of the Art Lecture

**12:35 PM - 1:00 PM**

Development of Microbiota-Directed Complementary Foods for Treating Childhood Undernutrition.

**Jeffrey Gordon, MD**, Washington University School of Medicine, St. Louis, MO

**Break**

**1:00 PM - 1:30 PM**

Program Topic: All Topics

Personal Break

**Satellite Symposia**

**1:30 PM - 2:30 PM**

Program Topic: Other

Satellite Symposia Sponsored Programs

**Break**

**2:00 PM - 2:30 PM**

**Program Topic: All Topics**

**Personal Break**

**IMPACT**

**3:00 PM - 4:00 PM**

**Program Topic: COVID-19**

**Late-Breaking: Immune Response to COVID-19 Infection and Vaccination in Kidney Transplant Recipients**

**3:00 PM - 4:00 PM**

**Moderators:**

**Jonathan Maltzman, MD, PhD, FAST**, Stanford University, Palo Alto, CA

**Madhav Menon, MBBS, MD**, Yale University School of Medicine, New York, NY

**3:00 PM - 3:15 PM**

**Prevalence and Dynamics of SARS-COV-2 IgG in Kidney Transplant Recipients**

**Yorg Azzi, MD**, Montefiore Medical Center, New York, NY

**3:15 PM - 3:30 PM**

**T Cell Immune Response to SARS-CoV-2 in Kidney Transplant Recipients**

**Paolo Cravedi, MD, PhD**, Mount Sinai, New York, NY

**3:30 PM - 3:45 PM**

**Antibody Response to mRNA Vaccination in Kidney Transplant Recipients**

**Enver Akalin, M.D.**, Albert Einstein College of Medicine, Montefiore Medical Ctr, Bronx, NY

**3:45 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Prof Develop**

**#MeToo in Academia: Enough is Enough!**

**3:00 PM - 4:00 PM**

**Moderators:**

**Deirdre Sawinski, MD**, University of Pennsylvania, Philadelphia, PA

**Roslyn B. Mannon, MD**, University of Nebraska Medical Center, Omaha, NE

**3:00 PM - 3:10 PM**

**Let's Get Real (World): Dealing with Bias, Negotiation and Microaggressions Case Study**

**Bethany Foster, MD**, Montreal Children's Hospital of the McGill University Health Centre, Montreal, QC, Canada

**3:10 PM - 3:20 PM**

**The State of Women in Transplant Medicine: Summary of the Report by the AAMC**

**Dianne McKay, MD**, Scripps Research Institute, La Jolla, CA

**3:20 PM - 3:30 PM**

**Addressing Gender Inequity in Academic Medicine TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Kidney**

**Is There Still a Role for Desensitization for Kidney Transplantation in the Modern Era?**

**3:00 PM - 4:00 PM**

**Moderators:**

**Robert Montgomery, MD, D Phil, FACS**NYU Langone Transplant Institute, New York, NY

**Carrie Schinstock, Medical Doctor**, Mayo Clinic, Rochester, MN

**3:00 PM - 3:10 PM**

**Is There Still a Role for ABOi Kidney Transplantation**

**Bonnie Lonze, MD, PhD**, NYU Langone  
 Transplant Institute, NEW YORK, NY

**3:10 PM - 3:20 PM**

**New Options for Desensitization for Kidney Transplantation**

**Stanley Jordan, MD**, Cedars Sinai Medical Ctr,  
 West Hollywood, CA

**3:20 PM - 3:30 PM**

**Have KAS and KPD Solved the Problem for Highly Sensitized Patients?**

**TBD**

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Liver**

**Disparities in Liver Transplantation**

**3:00 PM - 4:00 PM**

**Moderators:**

**Therese Bittermann, MD, MSCE**, University of  
 Pennsylvania, Philadelphia, PA

**Anji Wall, MD PhD**, Baylor University Medical  
 Center, Dallas, TX

**3:00 PM - 3:10 PM**

**Impact of Race on Candidacy and Outcomes**

**Dinee Simpson, MD**, Northwestern University,  
 Chicago, IL

**3:10 PM - 3:20 PM**

**Impact of Socioeconomic Factors on Candidacy and Outcomes**

**Jayne Locke, MD, MPH, FACS, FAST**,  
 University of Alabama at Birmingham,  
 Birmingham, AL

**3:20 PM - 3:30 PM**

**Impact of Obesity on Candidacy**

**Jeffrey Kahn, MD**, USC, Los Angeles, CA

**3:30 PM - 3:40 PM**

**Impact of Female Sex on Candidacy and Outcomes**

**TBD**

**3:40 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Novel Targets for Transplant Immunosuppression**

**3:00 PM - 4:00 PM**

**Moderators:**

**Olivia Martinez, PhD**, Stanford University  
 School of Medicine, Stanford, CA

**3:00 PM - 3:10 PM**

**Disrupting Coronin 1 Signaling in T cell Promotes Allograft Tolerance While Maintaining Pathogen Responses**

**TBD**

**3:10 PM - 3:20 PM**

**Targeting FcRn**

**TBD**

**3:20 PM - 3:30 PM**

**Ablating IRF4 Promotes Transplant Acceptance by Driving T cell Dysfunction**

**Wenhao Chen, PhD**, Houston Methodist,  
 Houston, TX

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Translational**

**The Science of Biomarkers, or the Lack Thereof**

**3:00 PM - 4:00 PM**

**Moderators:**

**Matthew Levine, MD PhD**, University of  
 Pennsylvania, Philadelphia, PA

**Dianne McKay, MD**, Scripps Research Institute,  
 La Jolla, CA

**3:00 PM - 3:10 PM**

**Biomarkers of Rejection**

**Peter Heeger, MD**, Icahn School of Medicine at Mount Sinai, New York, NY

**3:10 PM - 3:20 PM**

**Biomarkers in Acute Kidney Injury**

**Joseph Bonventre, MD PhD**, Brigham and Women's Hospital, Boston, MA

**3:20 PM - 3:30 PM**

**Challenges in Practical Application of Biomarkers in Transplantation**

**Roslyn B. Mannon, MD**, University of Nebraska Medical Center, Omaha, NE

**3:30 PM - 4:00 PM**

**Live Video Controversy Discussion: Should We HLA Match in Organ Allocation - Yes**

**Peter Nickerson, MD**, University of Manitoba, Winnipeg, MB, Canada

**3:30 PM - 4:00 PM**

**Live Video Controversy Discussion: Should We HLA Match in Organ Allocation - No**  
**TBD**

#### **Program Topic: Pharmacy**

**Innovative and Effective Tools to Reduce Hospital Readmissions Post-Transplant from the Viewpoint of a Transplant Physician, Pharmacist and Advance Practice Provider**

**3:00 PM - 4:00 PM**

**Moderators:**

**Demetra Tsapepas, PharmD, MBA**, New York Presbyterian Hospital, New York, NY

**3:00 PM - 3:10 PM**

**Impact of Adverse Drug Events Contributing to Hospital Readmissions in Kidney Transplant Recipients and Strategies to Overcome**

**David Taber, PharmD, MS, BCPS**, Med Univ of South Carolina, Charleston, SC

**3:10 PM - 3:20 PM**

**Not Just Physicians: The Expanded Role of Advanced Practice Providers to Improve Care Continuity and Reduce Hospital Readmissions Post Transplantation**

**Samantha Halpern, MSN, CRNP**, Hospital of the University of Pennsylvania, Philadelphia, PA

**3:20 PM - 3:30 PM**

**See you at Home: Telemedicine-based Home Monitoring Program to Reduce Readmissions Post Liver Transplantation.**

**Shimul Shah, MD, MHCM**, University of Cincinnati, Cincinnati, OH

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

#### **Program Topic: Kidney**

**Role of Surveillance Biopsy and Currently Approved Biomarkers for Diagnosing Acute Kidney Rejection: Clinical Application and Cost-effectiveness**

**3:00 PM - 4:00 PM**

**Moderators:**

**Jayme Locke, MD MPH FACS FAST**, University of Birmingham at Alabama, Birmingham, AL

**Sundaram Hariharan, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**3:00 PM - 3:10 PM**

**Use of Donor Derived cfDNA in Diagnosing Acute Kidney Transplant Rejection**

**Alexander Weisman, MD**, University of Colorado, Denver, CO

**3:10 PM - 3:20 PM**

**Use of Blood-based and Allograft Gene Biomarkers for Diagnosing Acute Kidney Transplant Rejection**

**John Friedewald, MD, FAST**, Northwestern University, Chicago, IL

**3:20 PM - 3:30 PM**

**Cost Effectiveness of Surveillance Biopsy and Currently Approved Biomarkers for Subclinical**



## Kidney Transplant Rejection

**Chethan Puttarajappa, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Program Topic: ID

**Optimizing the Use of HCV-Infected Organs - The Implementation Phase: When to Treat and Why?**

**3:00 PM - 4:00 PM**

**Moderators:**

**Christine Durand, MD**, Johns Hopkins University, Baltimore, MD

**Peter Reese, MD**, University of Pennsylvania, Philadelphia, PA

**3:00 PM - 3:10 PM**

**Impact on Utilization, Procurement and Waiting Times: Have HCV-viremic Organs Fulfilled their Promise?**

**Ann E. Woolley, MD, MPH**, Brigham and Womens Hospital, Boston, MA

**3:10 PM - 3:20 PM**

**Practical Approaches to Antiviral Therapy: How and When to Treat, and What to do When Treatment Fails**

**Norah Terrault, MD, MPH**, University of Southern California, Los Angeles, CA

**3:20 PM - 3:30 PM**

**When Chronic HCV has Company**

**Michael Leise, MD**, Mayo Clinic, Rochester, MN

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Program Topic: Basic

**Innate Immune Cells and Allograft Rejection**

**3:00 PM - 4:00 PM**

**Moderators:**

**Valeria Mas, PhD, FAST**, University of Maryland, Baltimore, MD

**Anna Valujskikh**, Cleveland Clinic, Cleveland, OH

**3:00 PM - 3:10 PM**

**Eosinophils in Lung Alloimmunity**  
**TBD**

**3:10 PM - 3:20 PM**

**Neutrophils in Rejection**

**Ankit Bharat, MD**, Northwestern University, Chicago, IL

**3:20 PM - 3:30 PM**

**ILCs: Mechanistic Pathways in Organ Transplantation**  
**TBD MD**

**3:30 PM - 4:00 PM**

Live Video Question and Answer

### Program Topic: Liver

**Liver Transplantation for Alcoholic Hepatitis**

**3:00 PM - 4:00 PM**

**Moderators:**

**Deepika Devuni, M.D**, University of Massachusetts medical School, Worcester, MA

**3:00 PM - 3:10 PM**

**Standardization of Criteria for LT for AAH: Need for Guideline**

**Andrew Cameron, MD, PhD**, Johns Hopkins Hospital, Baltimore, MD

**3:10 PM - 3:20 PM**

**Where are we now? Transplantation for Alcoholic Hepatitis: Current Status/ How to Improve the Reporting and Listing in UNOS?**

**Gene Im, M.D.**, Icahn School of Medicine, New York, NY

**3:20 PM - 3:30 PM**

Alcohol Use Disorders and Psychosocial  
Management: The Elephant in the Room  
**Jessica Mellinger, MD, MSc**, University of  
Michigan, Ann Arbor, MI

**3:30 PM - 3:40 PM**

Case Against Liver Transplantation for Acute  
Alcoholic Hepatitis

**James Trotter, MD**, Baylor Dallas, Dallas, TX

**3:40 PM - 4:00 PM**

Live Video Question and Answer

**Networking**

**4:00 PM - 4:30 PM**

Program Topic: All Topics

Sponsor Networking

**Rapid Fire Oral Abstract**

**4:30 PM - 5:30 PM**

Program Topic: Kidney  
Kidney: Acute Cellular Rejection

Program Topic: Liver  
Liver Recipient Selection

Program Topic: ID  
Infectious Disease Poutpouri

Program Topic: Basic  
B cell/Antibody and Histocompatibility

Program Topic: COVID-19  
Late-Breaking: COVID-19

Program Topic: Basic  
Biomarkers, Immune Assessment and  
Clinical Outcomes - III

Program Topic: Admin  
Quality Assurance and Regulatory Issues

**Break**

**5:30 PM - 6:00 PM**

Program Topic: All Topics

Personal Break

**Rapid Fire Oral Abstract**

**6:00 PM - 7:00 PM**

Program Topic: Basic  
Lymphocyte Biology and Tolerance

Program Topic: ID  
BK virus in Kidney Recipients

Program Topic: Basic & ID  
Late Breaking: Basic & ID

Program Topic: Basic  
Rejection, Innate Immunity and  
Allorecognition

Program Topic: Liver  
Liver Pediatrics

Program Topic: Kidney  
Kidney Immunosuppression

Program Topic: All Organs  
Disparities in Access and Outcomes in  
Kidney Transplantation

**Break**

**7:00 PM - 7:30 PM**

Program Topic: All Topics

Personal Break

### *Networking*

**7:30 PM - 8:30 PM**

Program Topic: All Topics

Sponsor Networking

### *Poster Video Chat*

**7:30 PM - 8:30 PM**

Program Topic: Kidney  
Kidney Alloimmune Responses

Program Topic: Basic  
Basic 1

Program Topic: Admin  
Quality Assurance Process Improvement &  
Regulatory Issues

Program Topic: ID  
Infectious Disease 1

Program Topic: All Organs  
Organ Inclusive

### *Town Hall*

**7:30 PM - 8:30 PM**

Program Topic: All Topics

AST Town Hall

**Tuesday, June 8, 2021**

**Welcome**

**8:45 AM - 10:25 AM**

**IMPACT**

**9:00 AM - 10:00 AM**

**Program Topic: Other & Heart**

**Uh Oh, My New Home is a Lemon:  
Cardiovascular Disease after Solid Organ  
Transplant**

**9:00 AM - 10:00 AM**

**Moderators:**

**Darshana Dadhania, M.D.**, Weill Cornell  
Medicine - NYPH, New York, NY

**Lisa Van Wagner, MD MSc FAST FAHA**,  
Northwestern University, Chicago, IL

**9:00 AM - 9:10 AM**

**How Much Does the Plumber Want for Clogged  
Pipes? Coronary Artery Disease After Transplant  
TBD**

**9:10 AM - 9:20 AM**

**Put on the Sweater, the Heat Circulation is  
Broken. Heart Failure After**

**Maryse Palardy, MD**, University of Michigan,  
Ann Arbor, MI

**9:20 AM - 9:30 AM**

**Who is the Contractor? – How Do We Bridge the  
Gap in the Fragmented Cardiac Care**

**Janani Rangaswami, MD, MD**, Einstein Medical  
Center, Philadelphia, PA

**9:30 AM - 9:40 AM**

**Has the Ground Shifted? These Doors Won't  
Close: Valvular Disease after Transplant  
TBD**

**9:40 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Kidney**

**What's New in the KDIGO Clinical Practice  
Guideline on the Evaluation and Management  
of Candidates for Kidney Transplantation?**

**9:00 AM - 10:00 AM**

**Moderators:**

**Greg Knoll, MD**, The Ottawa Hospital, Ottawa,  
ON, Canada

**Steve Chadban, MD**, Royal Prince Alfred  
Hospital, Sydney, Australia

**9:00 AM - 9:10 AM**

**Perioperative Challenges in Managing Patients  
with Obesity, Frailty and Patients Requiring  
Perioperative Anticoagulation**

**David Axelrod, MD, MBA**, East Carolina  
University/Vidant Medical, Burlington, MA

**9:10 AM - 9:20 AM**

**Patients with Prior Advanced Stage Cancer- What  
Should be Considered?**

**Germaine Wong, MBBS PhD FRACP**,  
University of Sydney, Sydney, Australia

**9:20 AM - 9:30 AM**

**Unique Considerations for Screening and  
Prevention of Infectious Diseases in Kidney  
Transplant Candidates**

**Deepali Kumar, MD**, University Health Network,  
Toronto, ON, Canada

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Liver**

**Weighing in on Bariatric Surgery and Liver  
Transplantation**

**9:00 AM - 10:00 AM**

**Moderators:**

**Elizabeth Carey, MD**, Mayo Clinic Scottsdale,  
Phoenix, AZ

**9:00 AM - 9:10 AM**

**Facing the Obesity Challenge in the Liver Transplant Candidate**

**Elizabeth Carey, MD**, Mayo Clinic, Phoenix, AZ

**9:10 AM - 9:20 AM**

**Pro: Bariatric Surgery Cures Obesity and Improves Outcomes after Transplant**

**Caroline Jadowiec, MD**, Mayo Clinic Arizona, Phoenix, AZ

**9:20 AM - 9:30 AM**

**Con: Bariatric Surgery is Not the Answer**

**Sumeet Asrani, MD**, Liver Consultants of Texas, Dallas, TX

**9:30 AM - 10:00 AM**

**Live Video Rebuttal, Question and Answer**

**Program Topic: HLA**

**ABO Incompatible Transplantation from Genetics to Transplantation**

**9:00 AM - 10:00 AM**

**Moderators:**

**Kristina Davis, MD**, University of Michigan, Ann Arbor, MI;

**Jayne Locke, MD, MPH**, University of Alabama at Birmingham, Birmingham, AL

**9:00 AM - 9:10 AM**

**New Tools for ABO Characterization**

**Anne M. Halpin, MSc CHS**, University Alberta, Edmonton, AB, Canada

**9:10 AM - 9:20 AM**

**Clinical Implementation of ABO Incompatible Transplantation and Immunosuppression**

**Andrew J. Bentall, MBChB**, Mayo Clinic, Rochester, MN

**9:20 AM - 9:30 AM**

**ABOi Transplantation and Unmet Needs**

**Lori J. West, MD, DPhil, FRCP**, University of Alberta, Edmonton, AB, Canada

**9:30 AM - 9:40 AM**

**ABO Subtypes & Clinical Implementation TBD**

**9:40 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Integrated Molecular Approach to Chronic Allograft Injury**

**9:00 AM - 10:00 AM**

**Moderators:**

**Enver Akalin, M.D.**, Albert Einstein College of Medicine, Montefiore Medical Ctr, Bronx, NY

**9:00 AM - 9:10 AM**

**Small RNA Sequencing of Human Kidney Allografts with or without Tubulointerstitial Fibrosis**

**Manikkam Suthanthiran, MD**, Weill Cornell Med Ctr., New York, NY

**9:10 AM - 9:20 AM**

**Molecular Pathways and Chronic Kidney Disease**

**Katalin Susztak**, University of Pennsylvania, Philadelphia, PA

**9:20 AM - 9:30 AM**

**Effect of Epigenetic Modifications on Molecular Pathways Leading to Chronic Allograft Injury and Dysfunction: Application of Integrated Approaches**

**Valeria Mas, PhD, FAST**, University of Maryland, Baltimore, MD

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**



### Program Topic: Pediatric

#### Vaccinating the Unvaccinated Prior to Transplant: Challenges and Opportunities

**9:00 AM - 10:00 AM**

**Moderators:**

**Asha Moudgil, MD**, Children's National Med. Ctr., Washington, DC

**9:00 AM - 9:10 AM**

**The Epidemiology of Non-vaccination in 2021**

**Priya Verghese, MD, MPH**, Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

**9:10 AM - 9:20 AM**

**To Transplant or Not to Transplant if Families Do Not Comply**

**Paul Grimm, MD**, Stanford University, Stanford, CA

**9:20 AM - 9:30 AM**

**What are the Risks and Benefits of Vaccination in Transplant Candidates and Recipients**

**Marian Michaels, MD MPH**, Children's Hospital of Pittsburgh, Pittsburgh, PA

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Women's Health

#### Surgical Approaches to Address Sex-based Disparities in Access to Appropriately Sized Organs

**9:00 AM - 10:00 AM**

**Moderators:**

**Matthew Hartwig, MD**, Duke University, Durham, NC

**9:00 AM - 9:10 AM**

**Cutting it Down to Size - Lung Resizing**

**Jasleen Kukreja, MD, MD**, UCSF Medical Center, San Francisco, CA

**9:10 AM - 9:20 AM**

**Two for the Price of One - Split Livers**

**Jorge Reyes, Professor of Surgery**, University of Washington, Seattle, WA

**9:20 AM - 9:30 AM**

**Small for Small - Broader use of Pediatric Donor Organs**

**Richard Perez, MD**, University California Davis Medical Center, Sacramento, CA

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

### Program Topic: Kidney

#### To Stent or Not to Stent - That is the Ureteral Question

**9:00 AM - 10:00 AM**

**Moderators:**

**Vikas R. Dharnidharka, MD, MPH**, Washington University, St. Louis, MO

**Hans Albin Gritsch, MD**, UCLA, Los Angeles, CA

**9:00 AM - 9:10 AM**

**To Stent or Not to Stent - That is the Ureteral Question - Setting the Stage**

**Daniel Brennan, MD, FACP**, Johns Hopkins Medical Institute, Baltimore, MD

**9:10 AM - 9:20 AM**

**Pro: To Stent or Not to Stent - That is the Ureteral Question**

**Hans Albin Gritsch, MD**, UCLA, Los Angeles, CA

**9:20 AM - 9:30 AM**

**Con: To Stent or Not to Stent - That is the Ureteral Question**

**Vikas R. Dharnidharka, MD, MPH**, Washington University, St. Louis, MO

**9:30 AM - 10:00 AM**

**Live Video Rebuttal, Question and Answer**

### Program Topic: VCA

#### VCA - Is there a way Forward to Standard of Care?

**9:00 AM - 10:00 AM**

##### Moderators:

**William Kitchens, MD, PhD**, Emory University School of Medicine, Atlanta, GA

**Darla Granger, MD, MBA**, Ascension St John Hospital, Detroit, MI

**9:00 AM - 9:10 AM**

##### Insurance Coverage for VCA

**Jon Friedman, MD, FAST**, Optum Health Medical Benefit Management, Manhattan Beach, CA

**9:10 AM - 9:20 AM**

##### Outcomes Analysis in VCA

**Hatem Amer, MD**, Mayo Clinic, Rochester, MN

**9:20 AM - 9:30 AM**

##### Ethical Considerations in VCA

**Jim Rodrigue, PhD**, Beth Israel Deaconess Medical Center, Boston, MA

**9:30 AM - 10:00 AM**

##### Live Video Question and Answer

### Program Topic: ID

#### Travel, Food, and Leisure

**9:00 AM - 10:00 AM**

##### Moderators:

**Yoram A. Puius, MD, PhD**, Montefiore Medical Center, Bronx, NY

**Nancy Law, D.O, M.P.H.**, University of California, San Diego, San Diego, CA

**9:00 AM - 9:10 AM**

##### Travel - Can I Travel There?

**Camille Kotton, MD**, Massachusetts General Hospital, Boston, MA

**9:20 AM - 9:30 AM**

##### Leisure - Can I do That?

**Steven Pergam, MD**, Fred Hutchinson Cancer Research Center, Seattle, WA

**9:30 AM - 10:00 AM**

##### Live Video Question and Answer

### Program Topic: Admin

#### Bridge Over Troubled Water: OPTN Policy Development, Directions, and Innovations

**9:00 AM - 10:00 AM**

##### Moderators:

**David K. Klassen, MD**, United Network for Organ Sharing, Richmond, VA

**Lloyd Ratner, MD, MPH**, Columbia University, New York, NY

**9:00 AM - 9:10 AM**

##### OPTN Policy Development: How You Can Shape Policy

**Matthew Cooper, MD**, Georgetown, Washington, DC

**9:10 AM - 9:20 AM**

##### Geography and Allocation: a Continuous Evolution

**Darren Stewart, MS**, United Network for Organ Sharing, Richmond, VA

**9:20 AM - 9:30 AM**

##### Expedited Kidney Placement Project Results: It's Not What you Think

**Samantha Noreen, PhD**, United Network for Organ Sharing, Richmond, VA

**9:30 AM - 10:00 AM**

##### Live Video Question and Answer

### Break

**10:00 AM - 10:30 AM**

Program Topic: All Topics

Personal Break

**Plenary Oral Abstract**  
**10:30 AM - 11:30 AM**

Program Topic: All Topics

**Plenary 4**  
**4 Oral Abstract Presentations with Live Q & A**

**Moderators:**  
**Linda Cendales, MD**, Duke University Medical Center, Durham, NC  
**Maryl Johnson, MD**, University of Wisconsin Madison, Madison, WI

**Networking**  
**11:45 AM - 12:30 PM**

Program Topic: All Topics

Sponsor Networking

**State-of-the-Art**  
**12:30 PM - 1:00 PM**

Program Topic: All Topics

Paul I. Terasaki State of the Art Lecture

**Sponsored by the Paul I. Terasaki Research Fund**

**12:35 PM - 1:00 PM**  
**Inclusive Excellence in Biomedical Research: Applying Genomics To Unravel Health Disparities In Organ Transplantation**  
**Hannah Valantine, MD**, Stanford University School of Medicine, Stanford, CA

**Break**  
**1:00 PM - 1:30 PM**

Program Topic: All Topics

Personal Break

**Satellite Symposia**  
**1:30 PM - 2:30 PM**

Program Topic: Other

Satellite Symposia Sponsored Programs

**Break**  
**2:30 PM - 3:00 PM**

Program Topic: All Topics

Personal Break

**IMPACT**  
**3:00 PM - 4:00 PM**

Program Topic: Kidney

**Recurrent Glomerulonephritis in Transplant and the Role of Ancillary Tools in Diagnosis and Prognosis**

**3:00 PM - 4:00 PM**  
**Moderators:**  
**Fernando Cosio, MD**, Mayo Clinic, Rochester, MN  
**Lynn Cornell, MD**, Mayo Clinic, Rochester, MN

**3:00 PM - 3:10 PM**  
**Recurrent AL-amyloidosis in the Transplant**  
**Andrew Bentall, MD**, Mayo Clinic, Rochester, MN

**3:10 PM - 3:20 PM**

The Role of Genetic Evaluation in the Management of Patients with a Diagnosis of Focal Segmental Glomerulosclerosis

**Mireille EL Ters, MD**, Mayo Clinic, Rochester, MN

**3:20 PM - 3:30 PM**

Clinical Findings, Pathology, and Outcomes of C3GN After Kidney Transplantation

**TBD**

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Other**

Utilizing Genomic and Omics for Discovery and Application in Solid-organ Transplantation

**3:00 PM - 4:00 PM**

**Moderators:**

**Loren Gragert, PhD**, Tulane University School of Medicine, New Orleans, LA

**3:00 PM - 3:10 PM**

Multi-Omic approaches in Transplantation

**Brian Piening, PhD**, Earle A. Chiles Research Institute, Providence, Portland, OR

**3:10 PM - 3:20 PM**

The International Genetics & Translational Research in Transplantation Network (iGeneTRiN)

**Brendan Keating, PhD**, University of Pennsylvania, Philadelphia, PA

**3:20 PM - 3:30 PM**

Leveraging Genome-wide Data from Millions of Patients Linked to Medical Records

**TBD**

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Liver**

**Rising Stars Surgeon Scientists**

**3:00 PM - 4:00 PM**

**Moderators:**

**John Fung, MD, PhD**, Professor of Surgery, University of Chicago, Chicago, IL

**3:00 PM - 3:10 PM**

Basic/Translational Research in LTx

**Burcin Ekser, MD**, Indiana University - Transplant Section, Indianapolis, IN

**3:10 PM - 3:20 PM**

Expanding Recipient Pool with Transplant Oncology

**Koji Tomiyama, MD, PhD**, University of Rochester Medical Center, Rochester, NY

**3:10 PM - 3:20 PM**

Translational Research in Liver Transplantation

**TBD**

**3:30 PM - 4:00 PM**

Live Video Question and Answer

**Program Topic: Kidney**

Should We Abolish Cardiac Screening for Asymptomatic Kidney Transplant Candidates?

**3:00 PM - 4:00 PM**

**Moderators:**

**G V Ramesh Prasad, MBBS PhD FRCP**, University of Toronto, Toronto, ON, Canada

**3:00 PM - 3:10 PM**

The Burden of Cardiovascular Disease among Potential Kidney Transplant Candidates

**Krista Lentine, MD, PhD**, University Medical Center, Saint Louis, MO

**3:10 PM - 3:20 PM**

Pro: The Argument FOR Abolishing Cardiac

## Screening of Asymptomatic Kidney Transplant Candidates

**Adnan Sharif, MD**, University Hospitals  
 Birmingham, Birmingham, United Kingdom

**3:20 PM - 3:30 PM**

**Con: The Argument AGAINST Abolishing Cardiac Screening of Asymptomatic Kidney Transplant Candidates**

**James Rice, MD**, Scripps Center for Organ Transplantation, La Jolla, CA

**3:30 PM - 4:00 PM**

Live Video Rebuttal, Question and Answer

## Program Topic: Pediatric & Liver

**Mandatory Splitting of an Adult Liver Offer: Help a Child – Disadvantage an Adult?**

**3:00 PM - 4:00 PM**

**Moderators:**

**Walter Andrews, MD** University of Missouri  
 Kansas City, Kansas City, MO

**Srinath Chinnakotla, MD**, University of Minnesota, Minneapolis, MN

**3:00 PM - 3:10 PM**

**Overview: Review of Split Liver Transplantation**

**Jaimie Nathan, MD**, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

**3:10 PM - 3:20 PM**

**PRO: Split Liver Transplantation Can Help Children and Not Disadvantage an Adult Recipient or Transplant Program.**

**Dominique Jan, MD**, Montefiore-Albert Einstein College of Medicine, New York, NY

**3:20 PM - 3:30 PM**

**CON: Split Liver Transplantation May Help a Child but can Disadvantage an Adult Recipient and Transplant Program.**

**James Pomposelli, MD**, University of Colorado, Aurora, CO

**3:30 PM - 4:00 PM**

Live Video Rebuttal, Question and Answer

## Program Topic: Translational

**Perspectives in Progress in Clinical Transplant Research: What have We Learned, Where are we Going?**

**3:00 PM - 4:00 PM**

**Moderators:**

**Sandy Feng, MD, PhD**, University of California San Francisco, San Francisco, CA

**Allan Kirk, MD, PhD**, Duke University Medical Center, Durham, NC

**3:00 PM - 3:10 PM**

**Perspective from NIH/CTOT**

**Nancy Bridges, MD**, NIAID, Rockville, MD

**3:10 PM - 3:20 PM**

**Perspective from the Immune Tolerance Network TBD**

**3:20 PM - 3:30 PM**

**Canadian Transplant Research Perspective**

**Lori West, MD, D.Phil**, University of Alberta, Edmonton, AB, Canada

**3:30 PM - 4:00 PM**

Live Video Question and Answer

## Program Topic: Pancreas & Kidney

**Pancreas After Kidney Transplantation: Unlocking The Survival Advantage**

**3:00 PM - 4:00 PM**

**Moderators:**

**Ty Dunn, MD MS**, University of Pennsylvania Philadelphia, PA

**3:00 PM - 3:10 PM**

**New PAK Data Opens Up Opportunities**

**Silke Niederhaus**, University of Maryland Medical Center, Baltimore, MD



**3:10 PM - 3:20 PM**

**Getting Facile at PAK**

**Jonathan Fridell, MD**, Indiana University School of Medicine, Indianapolis, IN

**3:20 PM - 3:30 PM**

**Navigating All the Options for Uremic Diabetic Patients**

**Jon Odorico**, University of Wisconsin Hospital & Clinic, Madison, WI

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: HLA**

**New Insights and Controversies in HLA Testing: HLA Epitope Matching a Pro and Con Debate**

**3:00 PM - 4:00 PM**

**Moderators:**

**Howard Gebel, PhD**, Emory University Hospital, Atlanta, GA

**Katherine Twombly, MD**, Medical University of South Carolina, Charleston, SC

**3:00 PM - 3:10 PM**

**New Insights and Controversies in HLA Testing: Pro and Con Debate -Setting the Stage**

**Katherine Twombly, MD**, Medical University of South Carolina, Charleston, SC

**3:10 PM - 3:20 PM**

**Pro: Why Wait: We Should be Doing Epitope Matching Now**

**Peter Nickerson, MD**, University of Manitoba, Winnipeg, MB, Canada

**3:20 PM - 3:30 PM**

**Con: Stop in the Name of HLA: We are Not Ready for Epitope Matching**

**Tom Blydt-Hansen, MDCM, FRCPC**, University of British Columbia, Vancouver, BC, Canada

**3:30 PM - 4:00 PM**

**Live Video Rebuttal and Question and Answer**

**Program Topic: COVID-19**

**Late-Breaking: Factors Contributing to Outcomes of Transplant Patients with COVID-19**

**3:00 PM - 4:00 PM**

**Moderators:**

**Jeffrey D. Edelman, MD**, University of Washington, , Seattle, WA

**Graeme Forrest, MBBS**, Rush University medical Center, Chicago, IL

**3:00 PM - 3:10 PM**

**HLA and COVID -19 Outcomes in Kidney Recipients**

**Yasir A. Qazi, MD**, Keck Medical Center at USC, Los Angeles, CA

**3:10 PM - 3:20 PM**

**Challenges to Decision Making in the Setting of COVID 19 Infections**

**Elizabeth Thomas, DO**, UT Health San Antonio, San Antonio, TX

**3:20 PM - 3:30 PM**

**Transplant Outcomes of COVID-Positive Candidates**

**Ankit Bharat**, Northwestern, Chicago, IL

**3:45 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Small Bowel**

**Surgical Management Before and After Intestine Transplant – Timing is Everything**

**3:00 PM - 4:00 PM**

**Moderators:**

**Shunji Nagai, MD, PhD**, , Henry Ford Hospital, Detroit, MI

**Robert Venick, MD**, UCLA, Mattel Children's Hospital At UCLA, Los Angeles, CA

**3:00 PM - 3:10 PM**

**Management of Entero-cutaneous Fistulae and the Complex Surgical Abdomen - Before or During Transplant?**

**Richard Mangus, MD, MS, FACS**, Indiana University, Indianapolis, IN

**3:10 PM - 3:20 PM**

**Stoma vs no Stoma and Timing of Ostomy take Down**

**Kishore Iyer, FACS, MBBS, FRCS**, Mount Sinai Hospital, New York, NY

**3:20 PM - 3:30 PM**

**As the Graft Gradually Fails, when Should Enterectomy be Performed?**

**Tomoaki Kato, MD, MBA**, Columbia University - College of Physicians & Surgeons, New York, NY

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Checkpoints for B cells and Antibody Production**

**3:00 PM - 4:00 PM**

**Moderators:**

**Anita Chong, PhD**, University of Chicago, Chicago, IL

**Jean Kwun, PhD**, Duke University, Durham, NC

**3:00 PM - 3:10 PM**

**Regulation of Plasma Cell Differentiation**

**Jeremy Boss, PhD**, Emory University, Atlanta, GA

**3:10 PM - 3:20 PM**

**To Build a Plasma Cell**

**TBD**

**3:20 PM - 3:30 PM**

**Pre-Germinal Center T:B Interactions**

**Marion Pepper, PhD**, University of Washington, Seattle, WA

**3:30 PM - 4:00 PM**

**Live Video Question and Answer**

**Networking**

**4:00 PM - 4:30 PM**

**Program Topic: All Topics**

**Sponsor Networking**

**Rapid Fire Oral Abstract**

**4:30 PM - 5:30 PM**

**Program Topic: Basic**

**Biomarkers and Cellular Therapies**

**Program Topic: Kidney**

**Kidney Antibody Mediated Rejection**

**Program Topic: All Organs**

**Disparities in Access and Machine Learning Outcomes in Solid Organ Transplantation**

**Program Topic: Liver**

**Post Liver Transplant Management and Complications**

**Program Topic: Kidney**

**Kidney Psychosocial**

## *Year in Review*

4:30 PM - 5:30 PM

Program Topic: ID

Most Impactful Papers in Transplant ID

4:30 PM - 5:30 PM

Moderators:

**Lara Danziger-Isakov, MD, MPH**, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

**Aruna Subramanian, MD**, Stanford University, Stanford, CA

4:30 PM - 4:40 PM

Impactful Fungal Papers

**John Baddley, MD, MSPH**, Maryland Medical Institute of Human Virology, Baltimore, MD

4:40 PM - 4:50 PM

Impactful Bacterial Papers

**Stephanie Pouch, MD, MS, FAST**, Emory University School of Medicine, Decatur, GA

4:50 PM - 5:00 PM

Impactful Viral Papers

**Oriol Manuel, MD**, Lausanne University Hospital (CHUV), Lausanne, Switzerland

5:00 PM - 5:30 PM

Live Video Question and Answer

*Break*

5:30 PM - 6:00 PM

Program Topic: All Topics

Personal Break

## *Rapid Fire Oral Abstract*

6:00 PM - 7:00 PM

Program Topic: Basic

Xenotransplantation and Preclinical Studies

Program Topic: Kidney

Live Kidney Donation

Program Topic: All Organs

Late Breaking: All Organs

Program Topic: Public Policy & Ethics

A Penny for Your Thoughts: the Economics and Psychosocial Aspects of Transplant

Program Topic: ID

Hepatitis C

Program Topic: Basic

Ischemia Reperfusion & Organ Rehabilitation

Program Topic: All Organs

Surgical Issues and Deceased Donor Management

*Break*

7:00 PM - 7:30 PM

Program Topic: All Topics

Personal Break

*Networking*

7:30 PM - 8:30 PM

Program Topic: All Topics

Sponsor Networking

**Poster Video Chat**  
**7:30 PM - 8:30 PM**

**Program Topic: Kidney**  
**Kidney Living Donor**

**Program Topic: Liver**  
**Liver 2**

**Program Topic: ID**  
**Infectious Disease 2**

**Program Topic: Basic**  
**Basic 2**

**Expert VIP Meet Up**  
**8:45 PM - 9:30 PM**

**Program Topic: Liver & Pediatric**

**Pediatric Liver Re Transplantation:**  
**Indications, Surgical Techniques and**  
**Outcomes**

**8:45 PM - 8:55 PM**  
**Outcomes of Pediatric Liver Re Transplantation in**  
**USA**

**Carlos O. Esquivel, MD, PhD, Stanford**  
**University School of Medicine, Stanford, CA**

**8:55 PM - 9:05 PM**  
**Surgical Techniques: Pearls and Pit Falls in**  
**Pediatric Liver Transplantation**

**John Goss, MD, Baylor College of Medicine,**  
**Houston, TX**

**9:05 PM - 9:15 PM**  
**Indications and Contradictions for Pediatric Liver**  
**Re Transplantation**

**Simon Horslen, MB, ChB, Seattle Childrens**  
**Hospital, Seattle, WA**

**9:15 PM - 9:30 PM**  
**Live Video Question and Answer**

**Program Topic: Women's Health**

**Now or Later? Timing Pregnancy and**  
**Transplantation**

**8:45 PM - 9:30 PM**

**Moderators:**

**Deirdre Sawinski, MD, Hospital of the U of**  
**Pennsylvania, Philadelphia, PA**

**Christina Klein, MD, MD, Piedmont Transplant**  
**Institute, Atlanta, GA**

**8:45 PM - 8:55 PM**

**Ethical Issues in Pregnancy and Transplantation**  
**Brendan Parent, JD, NYU, New York, NY**

**8:55 PM - 9:05 PM**

**Pro: Pre-transplant Pregnancy is Better**  
**Jessica Tangren, MD MPH, Massachusetts**  
**General Hospital, Boston, MA**

**9:05 PM - 9:15 PM**

**Con: Post-Transplant Pregnancy is Preferred**  
**Monika Sarkar, MD, MAS, UCSF, San**  
**Francisco, CA**

**9:15 PM - 9:30 PM**

**Live Video Rebuttal, Question and Answer**

**Program Topic: Prof Develop**

**Write Better Research Grants: Tips from the**  
**Other Side**

**8:45 PM - 9:30 PM**

**Moderators:**

**Lisa McElroy, MD, Duke University, Durham, NC**

**8:45 PM - 8:55 PM**

**R01 Grants**

**Daniel Kreisel, MD, PhD, Professor of Surgery,**  
**Washington University St Louis, St. Louis, MO**

**8:55 PM - 9:05 PM**

**K grants**

**TBD**

**9:05 PM - 9:15 PM**  
The NIH Perspective  
**TBD**

**9:15 PM - 9:30 PM**  
Live Video Question and Answer

**Program Topic: Prof Develop**

**Looking Under the Hood of High Impact Research: From Idea to AJT Publication**

**8:45 PM - 8:55 PM**  
Looking Under the Hood of High Impact Research: From Idea to AJT Publication  
**Deepika Devuni, MD**, University of Massachusetts Medical School, Worcester, MA

**8:55 PM - 9:05 PM**  
Looking Under the Hood of High Impact Research: From Idea to AJT Publication  
**Sandy Feng, MD**, University of California San Francisco, San Francisco, CA

**9:05 PM - 9:30 PM**  
Live Video Question and Answer

**Program Topic: Prof Develop**

**Can Improved Cultural Competence, and Tools for Conflict Resolution Reduce Physician Burnout in Transplantation?**

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Roshan George, MD**, Emory University and Children's Healthcare of Atlanta, Atlanta, GA  
**Bethany Foster, MD**, Montreal Children's Hospital of the McGill University Health Centre, Montreal, QC, Canada  
**Rebecca Duke, MSN, DNP, APRN-CNP**, Northwestern Memorial Hospital, Chicago, IL

**8:45 PM - 8:55 PM**  
**Break the Cycle: Becoming Culturally Competent**

**to Reduce Bias and Find Meaning in Your Work**  
**TBD**

**8:55 PM - 9:05 PM**  
From Fatigue to not Caring: The Path to Compassion Fatigue  
**Charlie Thomas, LCSW, ACSW, FNKF**, Banner Transplant Institute, Phoenix, AZ

**9:05 PM - 9:15 PM**  
The Power of Pause and Play to Build Professional Resilience  
**Jennifer Guy, MD, MAS**, CPMC, San Francisco, CA

**9:15 PM - 9:30 PM**  
Live Video Question and Answer

**Program Topic: Ethics**

**Amplifying the Patient's Voice in Transplant Research and Care: Guidance on Using Patient Reported Outcomes in Your Work**

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Zeeshan Butt, PhD**, Northwestern University Feinberg School of Medicine, Chicago, IL  
**Larissa Myaskovsky, PhD**, University of New Mexico, School of Medicine, Albuquerque, NM

**8:45 PM - 8:55 PM**  
How can Patient Reported Measures be used to Facilitate Transplant Educational Discussions and Evaluate Transplant Educational Interventions?  
**Amy Waterman, PhD**, UCLA, Los Angeles, CA

**8:55 PM - 9:05 PM**  
How can Patient-reported Outcomes be Useful Routine Clinical Patient Management?  
**Istvan Mucsi, MD, PhD**, Toronto General Hospital, Toronto, ON, Canada

**9:05 PM - 9:30 PM**  
Live Video Question and Answer



### Program Topic: ID

#### Preventing Fungal Infections after Transplantation

**8:45 PM - 9:30 PM**

**Moderator:**

**Paschalis Vergidis, MD, MSc**, Mayo Clinic, Rochester, MN

**8:45 PM - 8:50 PM**

**Preventing Fungal Infections after Transplantation**

**Barbara Alexander, MD**, Duke University Medical Center, Durham, NC

**8:50 PM - 8:55 PM**

**Preventing Fungal Infections after Transplantation**

**Francisco Marty, MD**, Brigham and Women's Hospital, Boston, MA

**8:55 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: APP

#### Stuck in the Middle: The Transition from Pediatric to Adult Care

**8:45 PM - 9:30 PM**

**Moderators:**

**Beverly Kosmach-Park, DNP, RN, FAAN**, Children's Hospital of Pittsburgh, Pittsburgh, PA

**8:45 PM - 8:55 PM**

**Stuck in the Middle: The Transition from Pediatric to Adult Care**

**Danielle Krieger, MSN, NP-C**, University of California at San Francisco, San Francisco, CA

**8:55 PM - 9:05 PM**

**Stuck in the Middle: The Transition from Pediatric to Adult Care**

**TBD**

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: Other

#### The New Age Transplantation Professional

**8:45 PM - 9:30 PM**

**Moderators:**

**Samira Farouk, MD, MSCR, FASN**, Icahn School of Medicine at Mount Sinai, New York, NY

**Joanna Schaenman, MD, PhD**, David Geffen School of Medicine at UCLA

**8:45 PM - 8:55 PM**

**Educating the Public about Transplant: Reversing Misconceptions**

**Brianna L. Doby, BA**, Johns Hopkins, Baltimore, MD

**8:55 PM - 9:05 PM**

**#WhatIsTwitter: Understanding the role of Social Media**

**TBD**

**9:05 PM - 9:15 PM**

**Rethinking Medical Education Through Innovation and Social Media**

**Peter Chin-Hong, MD**, University of California, San Francisco, San Francisco, CA

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

### Program Topic: Lung

#### It's a Small World: The Microbiome, Lung Disease, and Lung Transplantation

**8:45 PM - 8:55 PM**

**The Lung Microbiome and Allograft Health After Lung Transplantation**

**Alicia B. Mitchell, PhD**, University of Sydney, Sydney, Australia

**8:55 PM - 9:05 PM**

**The Role of the Microbiome in the Pathogenesis of Lung Disease**  
**TBD**

**9:05 PM - 9:30 PM**  
 Live Video Question and Answer

**Program Topic: Liver**

**Risk Prediction in Low-MELD Patients - What is the best Personalized Therapeutic Approach?**

**8:45 PM - 8:55 PM**  
**Risk Prediction in Low-MELD Patients - What is the best Personalized Therapeutic Approach?**  
**Scott Biggins, MD**, University of Washington, Seattle, WA

**8:55 PM - 9:05 PM**  
**Risk Prediction in Low-MELD Patients - What is the best Personalized Therapeutic Approach?**  
**Kim Olthoff, MD**, University of Pennsylvania, Philadelphia, PA

**9:05 PM - 9:30 PM**  
 Live Video Question and Answer

**Program Topic: Public Policy**

**Implementing Successful Outreach and Telemedicine Programs in Transplantation: Breaking Down the Barriers**

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Courtney Sherman, MD**, UCSF, San Francisco, CA  
**Adnan Said, MD**, UW School of Medicine and Public Health, Madison, WI

**8:45 PM - 8:55 PM**  
**Implementation of a Telemedicine Program to Improve Timeliness to Kidney Transplant Evaluation**  
**Rachel Forbes, MD, MBA**, Vanderbilt University

Medical Center, Nashville, TN

**8:55 PM - 9:05 PM**  
**Making it Happen - The Business Side of Telemedicine Program Development**  
**TBD**

**9:05 PM - 9:30 PM**  
 Live Video Question and Answer

**Program Topic: Other**

**Bringing Living Donor Programs into the XXI Century: Incorporating Social Media to Enhance Living Donation**

**8:45 PM - 9:30 PM**  
**Moderators:**  
**Krista Lentine, MD, PhD**, Saint Louis University Medical Center, St. Louis, MO  
**Randolph Schaffer, MD**, Scripps Clinic and Green Hospital, La Jolla, CA

**8:45 PM - 8:55 PM**  
**Practice Patterns and Barriers to Social Media Utilization to Identify Living Donors: Results of an OPTN National Survey**  
**Angie Nishio Lucar, MD**, University of Virginia, Charlottesville, VA

**8:55 PM - 9:05 PM**  
**Best Practices for Safe Utilization of Social Media in Living Donation**  
**Heather Hunt, Living Liver Donor**, UNOS Living Donor Committee Chair, Osterville, MA

**9:05 PM - 9:15 PM**  
**Challenges and Ethical Complexities Surrounding Social Media Utilization in Living Donation**  
**Macey Henderson, JD**, Johns Hopkins Hospital, Baltimore, MD

**9:15 PM - 9:30 PM**  
 Live Video Question and Answer

**Program Topic: Kidney**

**The Effect of Race and Ethnicity on Clinical Risk Assessment Equations and Scores**

**8:45 PM - 9:30 PM**

**Moderators:**

**Asif Sharfuddin, MD**, Associate Professor of Clinical Medicine, Indiana University School of Medicine, Indianapolis, IN

**Mona D. Doshi, MBBS**, University of Michigan, Ann Arbor, MI

**8:45 PM - 8:55 PM**

**The Effect of Replacing Race with APOL1 Gene in the KDPI Calculator**

**Sumit Mohan, MD, MPH**, Columbia University Medical Center, New York, NY

**8:55 PM - 9:05 PM**

**The Impact of Removing Race from GFR Calculation Among African American Living Kidney Donor Candidates**

**Andrew S Levey, M.D.**, Tufts Medical Center, Boston, MA

**9:05 PM - 9:15 PM**

**Reconsidering and Re-Imagining eGFR when Referring and Listing African Americans with CKD for Pre-emptive Transplantation.**

**Peter Reese, MD**, University of Pennsylvania, Philadelphia, PA

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

**Program Topic: Liver**

**When Does the Recipient Cross the Line?**

**8:45 PM - 9:30 PM**

**Moderators:**

**Nancy Ascher, MD, PhD**, University of California-San Francisco, San Francisco, CA

**Juan Caicedo, MD**, Northwestern University, Chicago, IL

**8:45 PM - 8:55 PM**

**How Old is too Old for Liver Transplantation?**

**Josh Levitsky, MD, MS**, Northwestern University Feinberg School of Medicine, Chicago, IL

**8:55 PM - 9:05 PM**

**Liver Transplantation at the Extreme of the BMI's: Should there be a Cutoff?**

**Linda Sher, M.D.**, University of Southern California Keck School of Medicine, Los Angeles, CA

**9:05 PM - 9:15 PM**

**LDLT in Critically Ill Patients : Are We Ready for This ?**

**Yuri Genyk**, University of Southern California, Los Angeles, CA

**9:15 PM - 9:30 PM**

**Live Video Question and Answer**

**Wednesday, June 9, 2021**

**Welcome**

**8:45 AM - 10:25 AM**

**Program Topic: All Topics**

**Wednesday, June 9, 2021**

**IMPACT**

**9:00 AM - 10:00 AM**

**Program Topic: Small Bowel**

**When is Multivisceral Transplant Indicated and When can it be Avoided**

**9:00 PM - 10:00 PM**

**Moderators:**

**Rodrigo Vianna, MD**, University of Miami/Jackson Memorial Hospital, Miami, FL  
**Jang Moon, MD**, Mount Sinai Medical Center, New York, NY

**9:00 AM - 9:10 AM**

**Extensive Porto-Mesenteric Thrombosis: Isolated Intestine Transplant or MVT?**

**Alan Langnas, DO**, University of Nebraska Medical Center, Omaha, NE

**9:10 AM - 9:20 AM**

**The Patient with Pre-Transplant High DSA Titers - Is There a Role for MVT to Manage Immunogenicity?**

**Debra Sudan, MD**, Duke University Medical Center, Durham, NC

**9:20 AM - 9:30 AM**

**Multivisceral Transplant: Is it ever Necessary for Patients with well Compensated Cirrhosis and Hepatic Fibrosis?**

**Kareem Abu-Elmagd, MD, PhD**, Cleveland Clinic, Cleveland, OH

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Admin**

**The Role of the US Federal Government in Solid Organ Transplantation**

**9:00 AM - 9:10 AM**

**Moderators:**

**Melissa Greenwald, MD**, MA Greenwald Consulting LLC, Chicago, IL  
**Yolanda Becker, MD**, University of Chicago, Chicago, IL

**9:00 AM - 9:10 AM**

**FDA involvement in Solid Organ Transplantation**

**Scott Brubaker**, Food and Drug Administration, Silver Spring, MD

**9:10 AM - 9:20 AM**

**The Role of the CDC in Transplantation**

**Sridhar Basavaraju, MD**, CDC, Atlanta, GA

**9:20 AM - 9:30 AM**

**Innovations in Transplantation at CMS**  
**TBD**

**9:30 AM - 9:40 AM**

**HRSA and Solid Organ Transplantation**

**Marilyn Levi, MD**, HRSA/Health Systems Bureau/Division of Transplantation, Washington, DC

**9:40 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Small Bowel**

**Intestine Transplant: Strategies to Manage Disease Recurrence and Failure to Thrive**

**9:00 AM - 10:00 AM**

**Moderators:**

**Thiago Beduschi, MD**, University of Florida, Gainesville, FL

**Simon Horslen, MB, ChB**, Seattle Childrens Hospital, Seattle, WA

**9:00 AM - 9:10 AM**

**Metabolic and Renal Complications Post-Transplant**

**Maria Cristina Cristina Segovia, MD**, Duke University Hospital, Durham, NC

**9:10 AM - 9:20 AM**

**Recurrence of Disease after Transplant: IBD, Thrombosis, Dysmotility**

**Syed-Mohammed Jafri, MD**, Henry Ford Health System, Detroit, MI

**9:20 AM - 9:30 AM**

**Management of Debility, TPN Dependence and Failure to Thrive after Transplant**

**Thomas Fishbein**, MedStar Georgetown Transplant Institute, Washington, DC

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Translational**

**Novel Imaging Techniques for Allotransplantation**

**9:00 AM - 10:00 AM**

**Moderators:**

**Geoffrey Camirand, PhD**, University of Pittsburgh, Pittsburgh, PA

**Jonathan Bromberg, MD, PhD**, University of Maryland School of Medicine, Baltimore, MD

**9:00 AM - 9:10 AM**

**Intravital Imaging of the Kidney**  
**TBD**

**9:10 AM - 9:20 AM**

**Live Imaging of T Cells and Rejection**

**Martin Oberbarnscheidt**, University of Pittsburgh, Pittsburgh, PA

**9:20 AM - 9:30 AM**

**Quantifying in Situ Adaptive Immune Cell Cognate Interactions in Humans**

**Marcus Clark, M.D.**, Professor, University of Chicago, Chicago, IL

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Lung & Liver**

**Lung and Liver Transplant in the Era of CFTR Modulator Therapies**

**9:00 AM - 10:00 AM**

**Moderators:**

**Josh Levitsky, MD, MS**, Northwestern University Feinberg School of Medicine, Chicago, IL

**Maryam Valapour, MD, MPP**, Cleveland Clinic, Cleveland, OH

**9:00 AM - 9:10 AM**

**Dual-Organ Transplant - How Does Improving Pulmonary Function Impact Liver-Lung Transplant?**

**Lindsay King, MD, MPH**, Duke, Durham, NC

**9:10 AM - 9:20 AM**

**How Can CFTR Modulators Affect Referral to Lung Transplant and Be Used Post Transplant?**

**Joseph Pilewski, MD**, University of Pittsburgh, Pittsburgh, PA

**9:20 AM - 9:30 AM**

**Considerations of CFTR Modulators and Transplant Medications**

**Sara Strout, PharmD**, Johns Hopkins Hospital, Baltimore, MD

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Women's Health**

**Emerging Hot Topics in Pregnancy and Transplant**



**9:00 AM - 10:00 AM**

**Moderators:**

**Monika Sarkar, MD, MAS**, UCSF, San Francisco, CA

**Patricia West-Thielke, PharmD**, University of Illinois, Chicago, IL

**9:00 AM - 9:10 AM**

**Pregnancy After Living Liver and Kidney Donation**

**Krista Lentine, MD, PhD**, Saint Louis University Medical Center, St. Louis, MO

**9:10 AM - 9:20 AM**

**Immunosuppression Safety in Transplant: The Road Less Traveled**

**Lisa Coscia, RN, BSN, CCTC**, National Transplantation Pregnancy Regis, Philadelphia, PA

**9:20 AM - 9:30 AM**

**Assisted Reproductive Technology After Transplant: Safe and Successful Options in Men and Women**

**TBD**

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Pediatric & Kidney**

**Biomarkers of Immune Status after Pediatric Kidney Transplantation - the Yin/Yang of Rejection Versus Infection**

**9:00 AM - 10:00 AM**

**Moderators:**

**Katherine Twombly, MD**, University of South Carolina, Charleston, SC

**Joshua Blatter, MD, MPH**, Washington University School of Medicine in St. Louis, Saint Louis, MO

**9:00 AM - 9:10 AM**

**Urinary Biomarker Profiles in Children**

**Brendan Keating, D.Phil**, University of Pennsylvania, Philadelphia, PA

**9:10 AM - 9:20 AM**

**The Blood Gene Expression Profile - Are Children Different?**

**Sarah Kizilbash, MD, MS**, University of Minnesota, Minneapolis, MN

**9:20 AM - 9:30 AM**

**Putting the Biomarkers Together - A Panel Approach**

**Vikas Dharnidharka, MD, MPH**, Washington University in St. Louis, St. Louis, MO

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Basic**

**Non-HLA Antibodies and Graft Rejection**

**9:00 AM - 10:00 AM**

**Moderators:**

**Mélanie Dieudé, PhD**, Université de Montréal, Montréal, QC, Canada

**9:00 AM - 9:10 AM**

**Non-HLA Antibodies and Vascular Injury**

**TBD**

**9:10 AM - 9:20 AM**

**Clinical Relevance of Non-HLA Antibodies**

**Dany Anglicheau, MD PhD**, Necker Hospital, Paris, France, Paris, France

**9:20 AM - 9:30 AM**

**Functional Properties of Non-HLA Antibodies**

**TBD**

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Program Topic: Pancreas**

**Broader Distribution of Pancreata Should Require Fewer Pancreas Transplant Programs**

**9:00 AM - 10:00 AM**

**Moderators:**

**Jose Oberholzer, MD**, University of Illinois at Chicago, Charlottesville, VA

**Dixon Kaufman, MD, PhD**, University of Wisconsin, Madison, WI

**9:00 AM - 9:10 AM**

**A Debate Around Broader Distribution of Pancreata and Fewer Pancreas Transplant Programs**

**Matthew Cooper, MD**, MedStar Georgetown Transplant Institute, Washington, DC

**9:10 AM - 9:20 AM**

**Pro: Less Programs, Greater Resources, Greater Commitment, Better Patient Service**

**TBD**

**9:20 AM - 9:30 AM**

**Con: Less Programs, Less Options, Less Access, Poorer Patient Service**

**TBD**

**9:30 AM - 10:00 AM**

**Live Video Rebuttal and Question and Answer**

**Program Topic: Other**

**The Hidden Threat of Pulmonary Hypertension in Solid Organ Transplant Patients**

**9:00 AM - 10:00 AM**

**Moderators:**

**Helen Te, MD**, University of Chicago Medicine, Chicago, IL

**9:00 AM - 9:10 AM**

**Pulmonary Hypertension in the Transplant Candidate and Recipient: Diagnostic Challenges**

**Deborah Jo Levine, MD**, UT San Antonio, San Antonio, TX

**9:10 AM - 9:20 AM**

**Pathophysiology of Pulmonary Hypertension in the Transplant Candidate: Understanding an Under-recognized Condition in Kidney, Liver and**

**Lung transplant Candidates**

**James R. Runo, MD**, University of Wisconsin, Madison, WI

**9:20 AM - 9:30 AM**

**Pulmonary Hypertension in the Transplant Candidate and Recipient: Therapeutic Strategies**  
**TBD**

**9:30 AM - 10:00 AM**

**Live Video Question and Answer**

**Break**

**10:00 AM - 10:30 AM**

**Program Topic: All Topics**

**Personal Break**

**Controversies in TX**

**10:30 AM - 11:30 AM**

**Program Topic: Public Policy**

**Processes to Assure Referral of Patients with End Stage Organ Disease for Transplant Evaluation**

**10:30 AM - 11:30 AM**

**Moderators:**

**Matthew Cooper, MD**, MedStar Georgetown Transplant Institute, Washington, DC

**Benjamin Hippen, MD**, Metrolina Nephrology Associates, PA, Charlotte, NC

**10:30 AM - 10:40 AM**

**We Don't Know What We Don't Know: Lack of Access to Kidney Waitlists and Transplantation**

**Sumit Mohan, MD, MPH**, Columbia University Medical Center, New York, NY

**10:40 AM - 10:50 AM**

**PRO - An Opt Out Referral System for Kidney Transplant Referral is the Solution**

**Rachel Patzer, PhD, MPH**, Emory University,

Atlanta, GA

**10:50 AM - 11:00 AM**

**CON-** An Opt Out System for Kidney Transplant Referral will Overwhelm Transplant Programs and Without Significant Financial Support will Harm Patients and Transplantation  
**Lloyd Ratner, MD, MPH**, Columbia University, New York, NY

**11:00 AM - 11:30 AM**

Live Video Question and Answer

**Program Topic: Basic & Translational**

**Self-tolerance vs. Islet Transplantation**

**10:30 AM - 11:30 AM**

**Moderators:**

**Maria-Luisa Alegre, MD PhD**, Professor, Univ of Chicago, Chicago, IL  
**James Markman, MD**, Professor of Surgery, Mass General Hospital, Boston, MA

**10:40 AM - 10:50 AM**

**Autoimmune Diabetes at the Crossroads - Where Do We Stand for Transplant Based Therapies?**  
**TBD**

**10:40 AM - 10:50 AM**

**PRO:** Regulatory Tcells Are Ready for Prime Time in Autoimmune Diabetes (and Organ Transplantation)  
**Ronald Gill, PhD**, Professor of Surgery, University of Colorado, Aurora, CO

**10:50 AM - 11:00 AM**

**CON:** Islet Cell Therapy (Allogenic or Engineered) Is The Path Forward  
**TBD**

**11:00 AM - 11:30 AM**

Live Video Question and Answer

**Break**

**11:30 AM - 12:00 PM**

**Program Topic: All Topics**

**Personal Break**

**What's Hot / What's New**

**12:00 PM - 12:45 PM**

**Program Topic: All Topics & All Organs**

**Virtual Connect Abstract Highlights**

**12:05 PM - 12:25 PM**

**Clinical Abstracts**

**Sylvester Black, MD, PhD**, Ohio State University, Columbus, OH

**12:25 PM - 12:45 PM**

**Basic Abstracts**

**Leonardo Riella, MD, PhD**, Harvard Medical School, Boston, MA

**Daily Wrap-up**

**12:45 PM - 1:00 PM**

**Program Topic: All Topics**