THE SCIENCE OF TOMORROW STARTS TODAY

ATC 2021
Virtual CONNECT

atcmeeting.org JUNE 4–9, 2021

Registration Brochure & Scientific Program

DISCOUNTED REGISTRATION DEADLINE MAY 5, 2021

#ATC2021VirtualConnect
Live Broadcast Dates:
June 4 – 9, 2021

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

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.

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.

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.

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.

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 or email us at asts@asts.org.

About AST
Founded in 1982, the American Society of Transplantation (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.
2021 PROGRAM PLANNING COMMITTEE

Executive Program Planning Committee

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Duke University Medical Center
Durham, NC

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Madison, WI

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Madison, WI

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New York, NY

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New Haven, CT

Raymond Razonable, MD
Mayo Clinic College of Medicine & Science
Rochester, MN

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Los Angeles, CA

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Weill Cornell Medical Center
New York, NY

Thomas Schiano, MD
Mount Sinai Medical Center
New York, NY

Laurie Snyder, MD, MHS
Duke University
Durham, NC

Parisa Vaghefi, 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

President
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Secretary
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Secretary
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Linda Ohler, MSN, RN, CCTC, FAAN, FAST

Chief Executive Officer
Shandie Covington, FAST

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Arlington, VA 22202
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Fax: 703-414-7874
Email: asts@asts.org
Website: www.asts.org

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Mt. Laurel, NJ 08054
Telephone: 856-439-9986
Fax: 856-581-9604
Email: info@myAST.org
Website: www.myAST.org

2021 REGISTRATION BROCHURE & SCIENTIFIC PROGRAM
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
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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.

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

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Discounted Registration by May 5, 2021</th>
<th>Regular Registration after May 5, 2021</th>
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<tbody>
<tr>
<td>Member (ASTS, AST, or Dual)</td>
<td>$375</td>
<td>$450</td>
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<tr>
<td>Non-Doctoral Member (ASTS or AST)</td>
<td>$175</td>
<td>$225</td>
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<tr>
<td>Trainee Member (ASTS or AST)</td>
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</tr>
<tr>
<td>Trainee Non-Member*</td>
<td>$125</td>
<td>$125</td>
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<tr>
<td>Non-Member</td>
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<tr>
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<td>$400</td>
</tr>
<tr>
<td>Senior/Emeritus Member</td>
<td>$0</td>
<td>$0</td>
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</tbody>
</table>

*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. 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.

Discounted Registration

Deadline: May 5, 2021

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

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 or 856-380-6819

ASTS Membership: Membership team at 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 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 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 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  
**Nikos Trichakis, PhD**, MIT, Cambridge, MA  
**Gina Jamero, MSN, ACNP-BC**, Cedars Sinai Heart Institute, Los Angeles, CA  
**Marcus Pereira, MD, MPH**, New York Presbyterian Hospital, New York, NY  
**Gina Jamero, MSN, ACNP-BC**, Cedars Sinai Heart Institute, Los Angeles, CA  
**Tracy Sparkes, Pharm.D.**, University of Maryland Medical Center, Baltimore, MD

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  
**Héloïse 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

Program as of April 6, 2021
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 - 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. FRCSC, 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

Program as of April 6, 2021
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
Deborah Adey, MD, University of California San Francisco, San Francisco, CA

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 Vallabjajosyula, 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

Program Topic: Kidney

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
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<th>Time</th>
<th>Program Topic</th>
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<tr>
<td>10:00 AM - 10:30 AM</td>
<td>Break</td>
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<tr>
<td>10:30 AM - 11:30 AM</td>
<td>Plenary Oral Abstract</td>
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<td>11:30 AM - 12:00 PM</td>
<td>Networking</td>
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<td>12:00 PM - 12:30 PM</td>
<td>Presidential Addresses</td>
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<td>Break</td>
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<td>3:00 PM - 4:00 PM</td>
<td>IMPACT</td>
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**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

Program as of April 6, 2021
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

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. FRCSC, University of Toronto, Toronto, ON, Canada

Program as of April 6, 2021
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 PM - 3:40 PM</td>
<td>EVLP: The Economics and Analytic Decision Model</td>
<td>Matthew Hartwig, MD, Duke University, Durham, NC</td>
</tr>
<tr>
<td>3:40 PM - 4:00 PM</td>
<td>Live Video Question and Answer</td>
<td></td>
</tr>
<tr>
<td>3:00 PM - 4:00 PM</td>
<td>Role of Biomarkers in Current Clinical Practice - Remote Monitoring for the Spectrum of Solid Organ Transplantation</td>
<td></td>
</tr>
<tr>
<td>3:00 PM - 3:10 PM</td>
<td>Hitting the Mark with Biomarkers in Kidney Transplant</td>
<td>Alicia Beth Lichvar, PharmD, University of Illinois at Chicago, Chicago, IL</td>
</tr>
<tr>
<td>3:10 PM - 3:20 PM</td>
<td>Hitting the Mark with Biomarkers in Heart Transplant</td>
<td>Jill Krisl, PharmD, Houston Methodist Hospital, Houston, TX</td>
</tr>
<tr>
<td>3:20 PM - 3:30 PM</td>
<td>Hitting the Mark with Biomarkers in Liver Transplant</td>
<td>TBD</td>
</tr>
<tr>
<td>3:30 PM - 3:40 PM</td>
<td>Hitting the Mark with Biomarkers in Lung Transplant</td>
<td>Deborah Levine, MD, University of Texas, San Antonio, TX</td>
</tr>
<tr>
<td>3:40 PM - 4:00 PM</td>
<td>Live Video Question and Answer</td>
<td></td>
</tr>
<tr>
<td>3:00 PM - 4:00 PM</td>
<td>Rise of the Machines: The Evolution of Patient Management in the New Heart Allocation System</td>
<td></td>
</tr>
<tr>
<td>3:00 PM - 3:10 PM</td>
<td>All Aboard the ECMO Train: How, When, and Why Not?</td>
<td>Barbara Pisani, DO, Wake Forest University, Winston Salem, NC</td>
</tr>
<tr>
<td>3:10 PM - 3:20 PM</td>
<td>What Do You Mean? Cardiogenic Shock Classification and Practical Applications</td>
<td>David Baran, MD, Sentara Heart Hospital, Norfolk, VA</td>
</tr>
<tr>
<td>3:20 PM - 3:30 PM</td>
<td>Trains, Planes, and Automobiles: Percutaneous MCS Devices for Cardiogenic Shock</td>
<td>Danny Ramzy, MD, Cedars Sinai, Los Angeles, CA</td>
</tr>
<tr>
<td>3:30 PM - 4:00 PM</td>
<td>Live Video Question and Answer</td>
<td></td>
</tr>
<tr>
<td>4:00 PM - 4:30 PM</td>
<td>Sponsor Networking</td>
<td></td>
</tr>
</tbody>
</table>
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

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

Program as of April 6, 2021
8:45 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 - 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, ]Baylor 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

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

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

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

Program Topic: Other
“Check with your PCP...”- Primary Care for the Transplant Provider

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

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

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

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

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

Program Topic: Heart & Lung
Complex Thoracic Desensitization Cases: What makes Sense?

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

Program Topic: Public Policy
The Practical Implementation of Imminent Death Donation

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

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

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

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

Program Topic: Other
The Practical Implementation of Imminent Death Donation

8:45 PM - 9:30 PM
Live Video Question and Answer
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, FRCSC, 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
Program as of April 6, 2021

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: 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

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 Kronsnoble, 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: 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

Program as of April 6, 2021
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

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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

9:20 AM - 9:30 AM
Belatacept Lane: Use of Belatacept in Pediatric Kidney Transplantation
Rochelle Liverman, Pharm.D., Children's Healthcare of Atlanta, Atlanta, GA

9:30 AM - 10:00 AM
Live Video Question and Answer

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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

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Program as of April 6, 2021
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

Program as of April 6, 2021
Program as of April 6, 2021

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 Hypercoaguable Work up of a Living Liver Donor - What’s Revelant 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

Program Topic: Pharmacy
Advanced Ambulatory Practice Models in Solid Organ Transplant

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
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, United Kingdom
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
**Camilla W. Nonterah, PhD**, University of Richmond, Richmond, VA
Using an Intersectionality Framework to Address Disparities in access to Kidney Transplantation

3:30 PM - 4:00 PM
**Amy Waterman, PhD**, UCLA, Los Angeles, CA
Educational Outreach to Potential Recipients and Prospective Donors from Minority Groups

3:00 PM - 3:10 PM
**Robert Steiner, MD**, UCSD Medical Center, San Diego, CA
Assessing Emotional Maturity and Readiness to Consent as an Organ Donor

3:10 PM - 3:20 PM
**Sheila Jowsey-Gregoire, MD**, Mayo Clinic Transplant Center, Mayo Clinic, Rochester, MN
Community-Engagement Approaches to Addressing Disparities in Transplantation

3:30 PM - 4:00 PM
Live Video Question and Answer

4:00 PM - 4:30 PM
Sponsor Networking

4:30 PM - 5:30 PM
**Rapid Fire Oral Abstract**

**Kidney Deceased Donor Selection**

**Liver**
Hemodynamic Consequences of Portal Hypertension Including Kidney Issues

**Basic**
Biomarkers, Immune Assessment and Clinical Outcomes - II

**Potpourri of Public Policy and Allocation**

Program as of April 6, 2021
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 Novels 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 Milieu: 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**

**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
Stacee 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
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 & 21st 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 as of April 6, 2021
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 - 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, FACSNYU 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

Program as of April 6, 2021
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
Jayme 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

3:00 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
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

Program as of April 6, 2021
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
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: 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

Program as of April 6, 2021
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 Jadlowiec, 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;  
Jayme 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, Childrens Hospital of Pittsburgh, Pittsburgh, PA

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: 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: 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Program Topic: All Topics</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 AM - 11:30 AM</td>
<td>Personal Break</td>
<td>Plenary Oral Abstract</td>
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</tbody>
</table>

**Moderators:**
- Linda Cendales, MD, Duke University Medical Center, Durham, NC
- Maryl Johnson, MD, University of Wisconsin Madison, Madison, WI

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<tr>
<th>Time</th>
<th>Program Topic: All Topics</th>
<th>Event Description</th>
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<tr>
<td>11:45 AM - 12:30 PM</td>
<td>Personal Break</td>
<td>Networking</td>
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<tr>
<th>Time</th>
<th>Program Topic: All Topics</th>
<th>Event Description</th>
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<tr>
<td>12:30 PM - 1:00 PM</td>
<td>Personal Break</td>
<td>IMPACT</td>
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**Satellite Symposia**

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<tr>
<th>Time</th>
<th>Program Topic: Other</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>1:30 PM - 2:30 PM</td>
<td>Personal Break</td>
<td>Satellite Symposia Sponsored Programs</td>
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**Break**

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<th>Time</th>
<th>Program Topic: All Topics</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>2:30 PM - 3:00 PM</td>
<td>Personal Break</td>
<td>Satellite Symposia Sponsored Programs</td>
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**State-of-the-Art**

<table>
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<tr>
<th>Time</th>
<th>Program Topic: Kidney</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>3:00 PM - 4:00 PM</td>
<td>Personal Break</td>
<td>Recurrent Glomerulonephritis in Transplant and the Role of Ancillary Tools in Diagnosis and Prognosis</td>
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**Moderators:**
- Fernando Cosio, MD, Mayo Clinic, Rochester, MN
- Lynn Cornell, MD, Mayo Clinic, Rochester, MN

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<th>Time</th>
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<tbody>
<tr>
<td>3:00 PM - 4:00 PM</td>
<td>Personal Break</td>
<td>Inclusive Excellence in Biomedical Research: Applying Genomics To Unravel Health Disparities In Organ Transplantation</td>
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**Sponsored by the Paul I. Terasaki Research Fund**

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<tr>
<th>Time</th>
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<th>Event Description</th>
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<tr>
<td>3:00 PM - 3:10 PM</td>
<td>Personal Break</td>
<td>Recurrent AL-amyloidosis in the Transplant</td>
</tr>
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**Moderators:**
- 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 (iGeneTRAiN)
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 FRCPC, 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 Twombley, 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 Twombley, 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

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

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
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

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: 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 as of April 6, 2021

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: 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

Program as of April 9, 2021
Simon Horslen, MB, ChB, Seattle Children's Hospital, Seattle, WA

9:00 AM - 9:10 AM
Metabolic and Renal Complications Post-Transplant
Maria Cristina Segovia, MD, Duke University Hospital, Durham, NC

9:10 AM - 9:20 AM
Recurrence of Disease after Transplant: IBD, Thrombosis, Dystmotility
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 Allorejection

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
Intravitreal 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

Program as of April 6, 2021
9:00 AM - 10:00 AM  
**Program Topic: Pediatric & Kidney**  
Biomarkers of Immune Status after Pediatric Kidney Transplantation - the Yin/Yang of Rejection Versus Infection

Moderators:  
Katherine Twombley, 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: Pancreas**  
Broader Distribution of Pancreata Should Require Fewer Pancreas Transplant Programs

Moderators:  
Mélanie Dieudé, PhD, Université de Montréal, Montréal, QC, Canada

9:00 AM - 10:00 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: 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: Pregnancy After Living Liver and Kidney Donation**  
Krista Lentine, MD, PhD, Saint Louis University Medical Center, St. Louis, MO

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
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,
Program as of April 6, 2021

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

Program Topic: All Topics & All Organs

What's Hot / What's New
12:00 PM - 12:45 PM

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