THE SCIENCE OF TOMORROW STARTS TODAY

Join over 5,000 transplant professionals from around the world for the most comprehensive live educational event on transplantation. ATC 2023 will offer more than 200 scientific and clinical related sessions designed to expand your knowledge, sharpen your skills, and keep you up-to-date on the most recent advances in solid organ and tissue transplantation.

2023 EXPERIENCE

In-Person
We are excited to hold ATC 2023 In-person in San Diego, CA! The ATC Program Planning Committee has built a robust program that will allow in-person attendees the opportunity to gain access to innovators in the field while having your voice heard through various types of interaction.

We are excited to welcome you in sunny San Diego!

Virtual Only
For those attendees unable to join us in San Diego, we will also live stream sessions to the virtual audience in real-time allowing them the opportunity to submit questions in real-time.

Mobile Responsive Access
You’ll be able to access sessions for Live Streaming or OnDemand on-the-go, earn your education credit or contact hours, hear the latest innovations, and build your professional network.

In-person & Virtual Only Access Breakdown
Review the below access that is included in ATC Registration for In-person and Virtual Only attendees.

<table>
<thead>
<tr>
<th>In-Person</th>
<th>Virtual Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Invited Symposia</td>
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</tr>
<tr>
<td>State-of-the-Art Lectures</td>
<td>✓</td>
</tr>
<tr>
<td>Plenary Abstract Sessions</td>
<td>✓</td>
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<tr>
<td>Oral Abstract Sessions</td>
<td>✓</td>
</tr>
<tr>
<td>Sponsored Satellite Symposia</td>
<td>✓</td>
</tr>
<tr>
<td>Abstract Text &amp; Poster Graphic Access</td>
<td>✓</td>
</tr>
<tr>
<td>Meet-the-Expert Sessions</td>
<td>✓</td>
</tr>
<tr>
<td>Poster Abstract Chats</td>
<td>✓</td>
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<tr>
<td>Sponsor Product Theater Presentations</td>
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</tr>
<tr>
<td>Education Credits (CME, ANCC, ACPE, &amp; ABTC)</td>
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</tr>
</tbody>
</table>

Best Value Option - Includes ATC OnDemand
ATC will be capturing sessions to be released in an OnDemand format 10 business days after the Congress concludes. You can ADD ATC OnDemand when you register by selecting “Best Value In-person” or “Best Value Virtual Only.”

<table>
<thead>
<tr>
<th>OnDemand</th>
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<tbody>
<tr>
<td>Invited Symposia</td>
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<tr>
<td>State-of-the-Art Lectures</td>
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<td>Abstract Text &amp; Poster Graphic Access</td>
</tr>
<tr>
<td>Education Credits (CME, ANCC, ACPE, &amp; ABTC)</td>
</tr>
</tbody>
</table>

Health & Safety

San Diego In-person Entry Protocols
The health and safety of all ATC participants and staff, along with their family members, co-workers and patients, continue to remain our top priority and we’d like to thank you for your support as we plan our next meeting.

COVID-19 Vaccination & Booster Strongly Recommended
The ATC 2023 Congress will proceed with a COVID-19 Vaccination and Booster Strongly Recommended approach for all attendees, exhibitors, press, and ATC/ASTS/AST staff.

Mask Wearing is Strongly Recommended
Mask wearing is strongly recommended and will be at the discretion of the participant.

Additional health and safety details can be found at www.atcmeeting.org/health-safety
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). 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 promote the exchange of ideas and practice in the field of solid organ and tissue transplantation.

ATC is an annual Congress that welcomes 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 2,000 professionals dedicated to excellence in transplantation surgery. Our mission is to advance the art and science of transplant surgery through patient care, research, education, and advocacy. We are the only organization dedicated to transplant surgery in North America and accredit training programs for abdominal transplant surgery, in addition to providing certification for transplant surgeons through the Transplant Accreditation and Certification Council. To learn more, visit ASTS.org or email asts@asts.org.

ABOUT AST

Founded in 1982, the American Society of Transplantation (AST) is a diverse organization of more than 4,500 professionals dedicated to advancing the field of transplantation and improving patient care by promoting research, education, advocacy, organ donation, and service to the community through a lens of equity and inclusion. The society is the largest transplant organization in North America and is recognized as the premier society for transplantation. AST members are sought out as transplant experts and advocates. 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.

WELCOME!

It is with great pleasure that the American Society of Transplant Surgeons (ASTS) and the American Society of Transplantation (AST) invite you to attend the 2023 American Transplant Congress (ATC) — the 22nd joint American Transplant Congress. The ATC is the foremost educational event in the field of basic and clinical transplantation.

For the 2023 Congress, we head to San Diego, CA where the Congress will be held in the San Diego Convention Center. Review this registration brochure for program details and discounted registration information.

The Science of Tomorrow Starts Today at ATC in San Diego!

We look forward to your participation.

Sincerely,

ATC 2023 Program Planning Committee
“ATC is a must for exploring the latest innovations in transplant practice, science, and technology. At ATC, transplant professionals come together from all over the world to advance the art and science of transplant. I look forward to seeing you in beautiful San Diego for one of the best transplant meetings in the U.S.”
— William C. Chapman, MD, FACS
ASTS President

“ATC not only provides an amazing educational opportunity to highlight the latest developments in our field, it also provides a forum and networking opportunity to inspire new and young members to consider how they would like to grow and contribute in our field.”
— Linda Sher, MD
2023 ATC Program Chair

“ATC 2023 promises to showcase the best of transplantation practice and science in the world. This is a must-attend event for all transplant professionals. San Diego is the place to be in June – interact with world-class speakers and network with your colleagues. See you there!”
— Deepali Kumar, MD, MSc, FRCPC, FAST
AST President

“Each year the American Transplant Congress has become the principal venue to share your scientific data, hear the most recent clinical updates and connect with colleagues. ATC 2023 in San Diego will be a can’t miss meeting for clinicians, scientists and transplant professionals. Look forward to seeing you there!”
— Andrew Adams, MD, PhD
2023 ATC Program Chair
ABOUT SAN DIEGO

With near perfect weather year-round, 70 miles of spectacular coastline, world-class attractions and a thriving urban core, complete with a sophisticated art, dining and nightlife scene, San Diego has earned the name California’s beach city. Explore San Diego’s diverse coastal, urban and inland neighborhoods, each with its own flavor. Don’t miss sampling the area’s signature Cali Baja cuisine or tasting one of the hundreds of craft beers and wines bottled in the region.

SAN DIEGO FACTS

- San Diego County has the most small farms of any US county and produces the most avocados, so don’t skimp on the guacamole.
- San Diego has the most dog-friendly restaurants per capita in the country.
- The first modern triathlon was held in Mission Bay in 1974.
- San Diego is one of only two places the rare Torrey pine tree grows. See these remarkable trees yourself at the Torrey Pines State Natural Reserve.
- Check out the piano at Kansas City Barbecue. It’s where Maverick and Goose belted out “Great Balls of Fire” in the 1986 film Top Gun, filmed in San Diego.

Source: The San Diego Tourism Authority
2023 PROGRAM PLANNING COMMITTEE

CHAIRS
Andrew Adams, MD, PhD
University of Minnesota
Minneapolis, MN

Linda Sher, MD
University of Southern California
Los Angeles, CA

CO-CHAIRS
John Friedewald, MD
Northwestern University
Chicago, IL

Roberto Hernandez, MD
University of Rochester, NY

CO-CHAIR ELECT
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Northwestern University
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Elizabeth Verna, MD, MS
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Hartsdale, NY

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Salt Lake City, UT

Patricia Campbell, MBBS
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New York, NY

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Englewood, CO

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Henry Ford Transplant Institute
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Tanjala Purnell, PhD, MPH
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Baltimore, MD

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San Francisco, CA

Nicole Turgeon, MD
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Victoria McIntyre
Program and Meeting Coordinator
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E-mail: vmcintyre@atcmeeting.org
**ASTS Council 2022–2023**

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**President-Elect**
Elizabeth A. Pomfret, MD, PhD

**Immediate Past President**
A. Osama Gaber, MD, FACS

**Past President**
Marwan S. Abouljoud, MD, FACS, MMM

**Secretary**
Ginny L. Bumgardner, MD, PhD

**Treasurer**
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**DEI Officer**
Henry B. Randall, MD, MBA

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Devin E. Eckhoff, MD
Irene K. Kim, MD
Linda C. Cendales, MD
Ty B. Dunn, MD, MS
Jayme E. Locke, MD, MPH
Andre A. S. Dick, MD
Majella B. Doyle, MD, MBA
Sunil K. Geevarghese, MD, FACS, MSCI

**Associate Councilor**
Ashley H. Seawright, DNP, ACNP-BC

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**AST Board of Directors 2022–2023**

**President**
Deepali Kumar, MD, MSc, FRCPC, FAST

**Past President**
John Gill, MD, MS

**President-Elect**
Josh Levitsky, MD, MS, FAST, FAASLD

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**Secretary**
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Vineeta Kumar, MD, FAST
Mandy Ford, PhD, FAST
Raymund Razonable, MD
Deirdre Sawinski, MD, FAST
Anne Dipchand, MD, FRCPC
This meeting 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.

Who Should Attend?

Overview of the American Transplant Congress

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.

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.

Scientific material will be presented through in-depth symposia, impact sessions, meet-the-expert, rapid-fire oral presentations, and more.
**REGISTRATION INFORMATION**

**Saturday, June 3 – Wednesday, June 7, 2023**

*In-Person and Virtual Only fees are the same*

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>Discounted Registration by May 3, 2023</th>
<th>BEST VALUE** Discounted Registration by May 3, 2023</th>
<th>Registration after May 3, 2023</th>
<th>BEST VALUE** Registration after May 3, 2023</th>
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<td>$790.00</td>
<td>$765.00</td>
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<td>Member Non-Medical Doctoral (ASTS or AST)</td>
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<td>Medical Student*</td>
<td>$0.00</td>
<td>$125.00</td>
<td>$0.00</td>
<td>$125.00</td>
</tr>
</tbody>
</table>

**Additional Items**

Meet-the-Expert Sessions: $50.00 per session, limited to 1 session per day (In-Person participation only)

You can ADD ATC OnDemand when you register by selecting “Best Value In-person” or “Best Value Virtual Only.” **

*Medical Students must provide proof of eligibility. Medical Students must provide a letter from their program director or department chairs. The Medical Student registration category is not intended for poster or oral abstract presenters.

**INCLUDED IN REGISTRATION**

**2023 Experience**

We are excited to hold ATC 2023 In-Person in sunny San Diego, CA! The ATC Program Planning Committee is building a robust program that will allow in-person attendees the opportunity to gain access to innovators in the field while having your voice heard through various types of interaction.

For those who cannot join us in San Diego we will also live stream sessions to the virtual audience in real-time allowing them the opportunity to submit questions in real-time.

**In-person & Virtual Only Access Breakdown**

Review the access that is included in ATC Registration for In-Person and Virtual Only attendees.
**PROCESS & PAYMENT**

**Discounted Registration Deadline: May 3, 2023**

The ATC offers discounted registration fees if you register by May 3, 2023. Registration must be completed online along with full payment by this date to qualify for the discounted registration fee. Early registration is strongly recommended to ensure timely processing of your registration and to avoid lengthy on-site lines.

**Online Registration**

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

**Payment**

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

Payment will be reflected as ‘American Transplant Congress’. Credit Cards Accepted: Visa, American Express, MasterCard

**Registration Fees for ASTS / AST Members**

The ATC offers reduced registration fees to ASTS or AST members. Membership dues for 2023 must be paid by May 31, 2023 to qualify for MEMBER registration fees. NEW member applications are subject to additional processing time following payment.

**POLICIES**

**Cancellation/Change Fee Policy**

Requests for refunds must be submitted via email to [atc@atcmeeting.org](mailto:atc@atcmeeting.org) by May 19, 2023 to be eligible for reimbursement. There will be a $75 processing fee for all refunds. Refunds will not be processed until after the meeting. Refund requests after May 19, 2023 will not be honored. There are no refunds for ticketed or social events.

**Name Changes**

All name changes must be received via email to [atc@atcmeeting.org](mailto:atc@atcmeeting.org) by May 19, 2023. 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 [atc@atcmeeting.org](mailto:atc@atcmeeting.org) by May 19, 2023. We are not able to change your registration type after this date.

**VISA Letters of Invitation**

Letters of invitation are available to registered participants only. You will have the option to request a letter of invitation during the registration process. Once you are registered, you will need to log into your badge center. You will need your email address and badge number to log in. You will then be able to print the Visa invitation letter using the link under “My Account.”

**QUESTIONS REGARDING YOUR ASTS OR AST MEMBERSHIP?**

**ASTS Membership**

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

**AST Membership**

Membership team at [info@myAST.org](mailto:info@myAST.org) or 856-439-9986.

*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.*
HOTEL INFORMATION
OnPeak has been selected as the Official ATC Housing Company. ATC has negotiated hotel rooms at a discounted rate available through the online reservation system that will be available February 2023. Rooms are limited and available on a first-come, first-served basis.

Benefits of Booking in the Block
• Block hotels have been researched by ATC to ensure they meet our standards.
• Assistance is available in advance and on-site for problems with the ATC block hotels.
• Block hotels have friendlier booking terms: no change fees, no full prepayment.
• It saves money. Rates and terms are guaranteed.
• It’s the right thing to do to support the conference. Meeting space rental and future room rates are based on in-the-block bookings, helping to keep the overall cost of registration lower. Future cost savings for all depends on strong in-the-block bookings.

Preferred Hotels & Rates
To secure these rates, you must book housing through OnPeak. Rooms are limited and available on a first come, first served basis at atcmeeting.org/hotel.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Rate</th>
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<tbody>
<tr>
<td>Manchester Grand Hyatt</td>
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<tr>
<td>Omni San Diego</td>
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<tr>
<td>Marriott Marquis San Diego Marina</td>
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<tr>
<td>Hilton San Diego Bayfront</td>
<td>$286</td>
</tr>
<tr>
<td>Hilton Gaslamp Quarter</td>
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</tr>
</tbody>
</table>

TRAVEL INFORMATION
Air Travel
The ATC has designated Crystal Travel Management Company as their official travel agent for the Congress.

To make a flight reservation, contact Sean Kelly at Crystal Travel Management Company at 1-888-327-2862 or via email at Sean@crystal-travel.com.

To obtain the most competitive rates, please refer to the ATC meeting when making reservations. Fare restrictions and cancellation penalties may apply to your travel. Be sure to book your flight well in advance to receive the best rates and to have the agent advise you of any applicable restrictions.

CHILDREN’S PROGRAM
ATC has partnered with KiddieCorp to provide a children’s program during this year’s Congress.

Register early as availability is limited and handled on a first-come, first-served basis. KiddieCorp must receive both the registration form and payment in full to hold any advance reservations.

See the registration form at www.atcmeeting.org/childrens-program for event information.

ADVANCE REGISTRATION DEADLINE: MAY 3, 2023
KiddieCorp is always available to answer any questions. Feel free to contact KiddieCorp by phone at (858) 455-1718 or by e-mail at info@kiddiecorp.com.
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.

**CONGRESS PROGRAMS: SATURDAY, JUNE 3RD, 1:00 PM – WEDNESDAY, JUNE 7TH, 12:30 PM PT**

All below programs are included in Congress registration unless noted.

### IN-DEPTH SYMPOSIA

**Saturday, June 3, 1:00 PM – 3:45 PM PT**

In-Depth Symposia are 2½ 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

**Sunday, June 4, Wednesday, June 7, 7:00 AM – 8:00 AM PT**

Learn from industry innovators 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. Each presentation will close with 3 takeaways on how their topic is impactful to the transplant community.

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

**Sunday, June 4, Monday, June 5, 1:30 PM – 2:30 PM PT**

Tuesday, June 6, 10:25 AM – 11:25 AM PT, 2:00 PM– 3:00 PM PT

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

### Meet the Expert

**Sunday, June 4, Monday, June 5, 12:15 PM – 1:15 PM PT**

Tuesday, June 6, 12:45 PM – 1:45 PM PT

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

Gain exclusive access to Mentor Experts in the field.
- NO formal slide presentations, similar to a “Fireside Chat Session.”
- The purposeful layout is designed to allow interaction and discussion while creating new connections.
- These sessions are designed in an intimate discussion setting.
- Limited attendance.

**ATTENDEE PROFILE**
- Early Career
- Mentor/Expert Wanting to Share Comments

Limited attendance and additional $50.00 fee to attend. In-Person participation only.

### FOCUS IN TRANSPLANTATION

**Sunday, June 4, 3:00 PM – 5:30 PM PT**

Monday, June 5, 3:00 PM – 5:30 PM PT

Deep dive into focused presentations on Basic and Translational science. Individual sessions on “Basic: Revisiting the Barrier Imposed by Memory and Effector T Cells” and “Translational: Deep Learning-based Approach to Transplant Pathology” will be presented.

**ATTENDEE PROFILE**
- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments
CONTROVERSIES IN TRANSPLANTATION

**Wednesday, June 7, 9:50 AM – 11:00 AM PT**

Come experience top level experts debate controversial topics in both Basic and Clinical science. Individual sessions on “Public Policy: Just Not Allocation but Equity in Organ Transplantation,” and “Basic & Translational: The Science of Fire and Ice: Machine Perfusion vs. Cryopreservation” will be presented.

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

**ABSTRACT PRESENTATIONS**

**Saturday, Sunday, Monday, Tuesday, Wednesday**

Learn about the latest research that is being done around the globe from your fellow attendees presented in a variety of formats.

**ATTENDEE PROFILE FOR ALL ABSTRACT PRESENTATIONS**
- Early Career
- Experienced Wanting to Learn More
- Mentor/Expert Wanting to Share Comments
- Interactive Debaters

**Plenary Oral Abstract Sessions**
- Top-rated abstracts submitted through the ATC abstract submission are presented orally with time for questions from the audience at the end of each presentation.

**ATC’s People’s Choice Award**
- At the end of each session, attendees will be given the opportunity to **VOTE** on which Plenary abstract presentation is the **MOST** impactful to the transplant community.
- The daily Plenary abstract winner will be selected to go head-to-head with other daily Plenary winners during the **ATC’s People’s Choice Award** session on Wednesday, June 7, 2023.
- Presenters will have the opportunity to once again prove why their abstract is the **MOST** impactful to the transplant community and discuss where the science will be in 10 years.
- A panel of experts will be on hand to ask questions.

**Rapid Fire Oral Abstract Presentations**
- Oral abstracts submitted through the ATC abstract submission are presented orally with time for questions from the audience at the end of each presentation.
- Sessions are designed with specific topic driven presentations.

**Poster Presentations**

**NEW THIS YEAR**

Poster Presenters will be in attendance during scheduled exhibit hall morning and afternoon networking break times.
- Poster abstracts presentations will be displayed daily in the exhibit hall for viewing throughout the day.
- Poster presenters will be in front of their boards to provide in-person presentations during exhibit hall morning and afternoon networking breaks.
- Poster boards are grouped together in locations with specific topics of interest.

**Poster Chat Sessions**

Poster Chat Sessions have been created to highlight accepted ATC abstract poster presentations and give poster presenters the opportunity to give an oral presentation of their abstract work in addition to a poster board presentation.
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.

ACCREDITATION
ATC provides CME, ANCC, ACPE, and ABTC credits/contact hours. Yearlong access allows you to take advantage of more than 100 credits/contact hours available! 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). AMEDCO is accredited by the ACCME to provide continuing medical education for physicians.
AMEDCO designates this live activity for 100 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of participation in the activity.
THOMAS E. STARZL  
STATE-OF-THE-ART LECTURE

Jay A. Fishman, MD  
Director of the Transplant Infectious Diseases and Compromised Host Program  
Massachusetts General Hospital (MGH)  

Presentation Title: Infection in Transplantation: What Have We Learned From Pigs?  
Sunday, June 4, 2023 | 11:00 AM – 11:30 AM PT

Jay A. Fishman, M.D. is Professor of Medicine at Harvard Medical School, Director of the Transplant Infectious Diseases and Compromised Host Program at the Massachusetts General Hospital (MGH) and Associate Director of the MGH Transplant Center. Dr. Fishman completed Internal Medicine and Infectious Disease training at MGH, and postdoctoral fellowships in Molecular Biology and Genetics at Harvard Medical School. He founded the Transplant Infectious Disease and Immunocompromised Host Program to provide lifelong care for solid organ and stem cell transplant recipients and other immunocompromised hosts. With his background in immunology, virology and molecular biology, Dr. Fishman has helped to define infectious risks and preventative strategies in organ transplantation and in xenotransplantation, notably the role of porcine endogenous retrovirus and porcine cytomegalovirus. He has over 300 peer-reviewed publications. He is Past-President of the American Society of Transplantation and Councilor of the International Xenotransplantation Association, Fellow of the American College of Physicians, American Society of Transplantation, and Infectious Disease Society of America.

PAUL I. TERASAKI  
STATE-OF-THE-ART LECTURE

SPONSORED BY THE TERASAKI INNOVATION CENTER

Hiromitsu Nakauchi MD, PhD  
Institute for Stem Cell Biology and Regenerative Medicine  
Stanford University School of Medicine  

Presentation Title: Growing Organs In Vivo: iPS Cell-derived Xeno-created Organs for Transplantation  
Tuesday, June 6, 2023 | 12:00 PM – 12:30 PM PT

Hiromitsu Nakauchi, M.D., Ph.D., Professor, Department of Genetics and the Institute for Stem Cell Biology and Regenerative Medicine, Stanford University School of Medicine. Hiro Nakauchi is recognized as a pioneer in the field of stem cell research and single cell biology. He demonstrated that a single hematopoietic stem cell (HSC) can reconstitute the entire blood-lymphatic system of irradiated (HSC-removed) mice. His experience in HSC research led to the idea of “organ niche” and successfully created a rat pancreas in mice, a groundbreaking demonstration of cross-species organogenesis. His research focuses on linking discoveries in stem cell biology, immunology, molecular biology and developmental engineering to effective stem cell therapies.
### SATURDAY, JUNE 3, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:00 PM – 2:15 PM</td>
<td>In-Depth Symposia Part 1</td>
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<tr>
<td>2:15 PM – 2:30 PM</td>
<td>Break</td>
</tr>
<tr>
<td>2:30 PM – 3:45 PM</td>
<td>In-Depth Symposia Part 2</td>
</tr>
<tr>
<td>3:45 PM – 4:15 PM</td>
<td>Break</td>
</tr>
<tr>
<td>4:15 PM – 5:30 PM</td>
<td>Rapid Fire Oral Abstract Sessions</td>
</tr>
<tr>
<td>5:30 PM – 7:00 PM</td>
<td>Sponsor Networking</td>
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<tr>
<td>5:30 PM – 7:00 PM</td>
<td>Poster Session A (Presenters in front of their boards)</td>
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<tr>
<td>5:45 PM – 6:15 PM</td>
<td>Product Theater</td>
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<tr>
<td>6:30 PM – 8:00 PM</td>
<td>Women's Networking Event</td>
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### SUNDAY, JUNE 4, 2023

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<th>Time</th>
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<td>7:00 AM – 8:00 AM</td>
<td>IMPACT Sessions</td>
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<tr>
<td>8:00 AM – 8:15 AM</td>
<td>Break</td>
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<tr>
<td>8:15 AM – 9:15 AM</td>
<td>Plenary Oral Abstract Session 1</td>
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<td>9:15 AM – 9:55 AM</td>
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<tr>
<td>9:15 AM – 9:45 AM</td>
<td>Poster Session B (Presenters in front of their boards)</td>
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<tr>
<td>9:55 AM – 10:25 AM</td>
<td>AST Presidential Introduction &amp; Address</td>
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<tr>
<td>10:25 AM – 10:50 AM</td>
<td>AST Lifetime Achievement Award</td>
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<td>10:50 AM – 11:00 AM</td>
<td>Break</td>
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<tr>
<td>11:00 AM – 11:30 AM</td>
<td>State of the Art Lecture # 1</td>
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<td>11:30 AM – 11:55 AM</td>
<td>AJT Awards &amp; Update</td>
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<td>11:55 AM – 12:15 PM</td>
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<td>12:15 PM – 1:15 PM</td>
<td>Sponsored Satellite Symposia</td>
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<td>12:15 PM – 1:15 PM</td>
<td>Meet-the-Expert Sessions</td>
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<td>IMPACT Sessions</td>
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<td>2:30 PM – 3:00 PM</td>
<td>Sponsor Networking</td>
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<tr>
<td>2:30 PM – 3:00 PM</td>
<td>Poster Session B (Presenters in front of their boards)</td>
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<tr>
<td>2:30 PM – 3:00 PM</td>
<td>Poster Chats Session 1</td>
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<tr>
<td>3:00 PM – 4:10 PM</td>
<td>Focus in Transplantation: Basic Part 1</td>
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<tr>
<td>3:00 PM – 4:20 PM</td>
<td>Rapid Fire Oral Abstract Sessions</td>
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<tr>
<td>4:20 PM – 4:30 PM</td>
<td>Break</td>
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<tr>
<td>4:20 PM – 5:30 PM</td>
<td>Focus in Transplantation: Basic Part 2</td>
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<td>4:30 PM – 5:30 PM</td>
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<td>5:30 PM – 5:45 PM</td>
<td>Break</td>
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<td>5:45 PM – 7:30 PM</td>
<td>ASTS Town Hall</td>
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### MONDAY, JUNE 5, 2023

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<td>IMPACT Sessions</td>
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<td>8:00 AM – 8:15 AM</td>
<td>Break</td>
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<tr>
<td>8:15 AM – 9:15 AM</td>
<td>Plenary Oral Abstract Session 2</td>
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<tr>
<td>9:15 AM – 9:55 AM</td>
<td>Sponsor Networking</td>
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<tr>
<td>9:15 AM – 9:45 AM</td>
<td>Product Theater</td>
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<td>9:15 AM – 9:55 AM</td>
<td>Poster Session C (Presenters in front of their boards)</td>
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<tr>
<td>9:55 AM – 10:25 AM</td>
<td>ASTS Presidential Introduction &amp; Address</td>
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<tr>
<td>10:25 AM – 10:50 AM</td>
<td>ASTS Pioneer Award</td>
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<tr>
<td>10:50 AM – 11:00 AM</td>
<td>Break</td>
</tr>
<tr>
<td>11:00 AM – 11:55 AM</td>
<td>Innovations in Transplantation</td>
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### TUESDAY, JUNE 6, 2023

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<td>7:00 AM – 8:00 AM</td>
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<td>8:00 AM – 8:15 AM</td>
<td>Break</td>
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<tr>
<td>8:15 AM – 9:15 AM</td>
<td>Plenary Oral Abstract Session 3</td>
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<td>9:15 AM – 9:45 AM</td>
<td>AST Research Grants Recognition</td>
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<td>9:45 AM – 10:15 AM</td>
<td>Poster Session D (Presenters in front of their boards)</td>
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<td>9:45 AM – 10:25 AM</td>
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<td>10:25 AM – 11:25 AM</td>
<td>Break</td>
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<tr>
<td>11:25 AM – 11:30 AM</td>
<td>ASTS Research Grants Recognition</td>
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<tr>
<td>12:00 PM – 12:30 PM</td>
<td>State of the Art Lecture # 2</td>
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<tr>
<td>12:30 PM – 12:45 PM</td>
<td>Break</td>
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<tr>
<td>12:45 PM – 1:45 PM</td>
<td>Meet-the-Expert Sessions</td>
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<td>IMPACT Sessions</td>
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<td>3:00 PM – 3:30 PM</td>
<td>Poster Session D (Presenters in front of their boards)</td>
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<td>3:00 PM – 3:30 PM</td>
<td>Poster Chats Session 3</td>
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<tr>
<td>3:30 PM – 5:00 PM</td>
<td>Rapid Fire Oral Abstract Sessions</td>
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<tr>
<td>3:30 PM – 4:30 PM</td>
<td>Year in 2023 Review</td>
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<tr>
<td>5:00 PM – 5:10 PM</td>
<td>Break</td>
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<td>5:10 PM – 6:40 PM</td>
<td>Rapid Fire Oral Abstract Sessions</td>
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### WEDNESDAY, JUNE 7, 2023

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<td>8:00 AM – 8:15 AM</td>
<td>Break</td>
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<tr>
<td>8:15 AM – 9:15 AM</td>
<td>Plenary Oral Abstract Session 4</td>
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<tr>
<td>9:15 AM – 9:40 AM</td>
<td>People’s Choice Award</td>
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<tr>
<td>9:40 AM – 9:50 AM</td>
<td>Break</td>
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<tr>
<td>9:50 AM – 11:00 AM</td>
<td>Controversies in Transplantation</td>
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<tr>
<td>11:00 AM – 11:10 AM</td>
<td>Break</td>
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<tr>
<td>11:10 AM – 11:50 AM</td>
<td>Late Breaking Clinical Trials Abstract Session</td>
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<tr>
<td>11:50 AM – 12:30 PM</td>
<td>What’s Hot; What’s New</td>
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</table>
Saturday, June 3, 2023

In-Depth Symposia
1:00 PM - 3:45 PM

Program Topic: Pediatric
Pediatric Combined Heart-Liver and Heart-Kidney Transplant

1:00 PM - 3:45 PM
Moderators:
Olga Charnaya, MD, MS, Johns Hopkins University, Baltimore, MD, USA
Kathleen Simpson, MD, University of Colorado Denver, Aurora, CO, USA

1:00 PM - 1:20 PM
Criteria to List for Combined Heart Liver Transplant
Noelle Ebel, MD, Stanford, Palo Alto, CA, USA

1:20 PM - 1:40 PM
Combined Heart Liver Transplant, Surgical Considerations, and Post-Operative Management
Juliet Emamaullee, MD, PhD, University of Southern California, Los Angeles, CA, USA

1:40 PM - 2:00 PM
Unique Transplant Anesthesia Considerations for Combined Heart Liver Transplant
Manchula Navaratnam, MD, Stanford, Cupertino, CA, USA

2:00 PM - 2:15 PM
Q&A

2:15 PM - 2:30 PM
Break

2:30 PM - 2:50 PM
The Case for Simultaneous Heart/Kidney Transplant: Pros vs. “Safety Net”/Sequential Transplant
Paul Grimm, MD, Stanford University, Palo Alto, CA, USA

2:50 PM - 3:10 PM
The Case for “Safety Net”/Sequential Heart and Kidney Transplant

Program Topic: Kidney

1:00 PM - 3:45 PM
Moderators:
Krista Lentine, MD, PhD, Saint Louis University School of Medicine, St. Louis, MO, USA
Brian Lee, MBBCh, Dell Seton Medical Center - University of Texas at Austin, Austin, TX, USA

1:00 PM - 1:15 PM
Role of Genetic Testing in Kidney Transplantation (Predicting Recurrence, Tailoring Therapy)
Ali Gharavi, MD, Columbia University Center for Genomics Medicine

1:15 PM - 1:30 PM
Evaluation of Genetic Kidney Diseases in Living Donor Candidates When Related Recipient Diagnosis is Known (e.g. ADPKD, COL4 Nephropathies, Fabry Disease)
Akansha Agrawal, MD, Northwestern University, Chicago, IL, USA

1:30 PM - 1:45 PM
Assessment of Genetic Disease in Living Donor Candidates Without an Established Diagnosis in Their Related Recipients
Yasar Caliskan, MD, Saint Louis University School of Medicine, Saint Louis, MO, USA

1:45 PM - 2:00 PM
Interpreting Genetic Test Reports and Counseling
Transplant Recipients and Living Donors
Hila Milo Rasouly, PhD, MS, GC, Center for Precision Medicine and Genomics, Columbia University Irving Medical Center, New York, NY, United States

2:00 PM - 2:15 PM
Q&A

2:15 PM - 2:30 PM
Break

2:30 PM - 2:45 PM
How to Use or Not Information on APOL1 Biallelic Variants
Mona Doshi, MBBS, University of Michigan, Ann Arbor, MI, USA

2:45 PM - 3:00 PM
The Renal Genetics Clinic – Promoting Genomics Education in Nephrology and Transplantation
Christie Thomas, MD, Carver College of Medicine - University of Iowa, Iowa City, IA, USA

3:00 PM - 3:15 PM
Polygenic Risk Scores for Kidney Transplant Outcomes – Are They Ready for Prime Time?
Krysztof Kiryluk, MD, MS, Columbia University, New York, NY, USA

3:15 PM - 3:30 PM
Transplant Genetics: Ethical, Legal, and Social Implications
Elisa Gordon, PhD, MPH, Vanderbilt University Medical Center, Nashville, TN, USA

3:30 PM - 3:45 PM
Q&A

Program Topic: Heart & Lung

Don’t Stop Me Now: Low Volume, High Risk Dual Organ Transplantation - Opportunities and Challenges

1:00 PM - 3:45 PM
Moderators:
Matthew Hartwig, MD, Duke University, Durham, NC, USA

Teresa De Marco, MD, FACC, FHFA, University of California San Francisco, San Francisco, CA, USA

1:00 PM - 1:15 PM
Come Together Right Now: Heart-Liver Transplantation (Medical Perspective)
Jignesh Patel, MD, PhD, Cedars-Sinai Smidt Heart Institute, Los Angeles, CA, USA

1:15 PM - 1:30 PM
Come Together Right Now: Heart-Liver Transplantation (Surgical Perspective)
Fady Kaldas, MD, FACS, University of California Los Angeles (Multi-Organ), Los Angeles, CA, USA

1:30 PM - 1:45 PM
With a Little Help From My Friends: Lung-Liver Transplantation (Medical Perspective)
Denis Hadjiliadis, MD, University of Pennsylvania, Philadelphia, PA, USA

1:45 PM - 2:00 PM
With a Little Help From My Friends: Lung-Liver Transplantation (Surgical Perspective)
Kenneth Washburn, MD, The Ohio State University, Columbus, OH, USA

2:00 PM - 2:15 PM
Q&A

2:15 PM - 2:30 PM
Break

2:30 PM - 2:45 PM
Stand By Me: Lung-Kidney Transplantation (Medical Perspective)
Deborah Adey, MD, University of California San Francisco, San Francisco, CA, USA

2:45 PM - 3:00 PM
Stand By Me: Lung-Kidney Transplantation (Surgical Perspective)
Norihisa Shigemura, MD, PhD, Temple University and Lewis Katz School of Medicine, Philadelphia, PA, USA

3:00 PM - 3:15 PM
Take A Chance on Me: Immunologic Considerations and Immunosuppression Strategies in Dual Organ Transplantation
Robert Montgomery, MD, DPhil, FACS, New York
University Langone Transplant Institute, New York, NY, USA

3:15 PM - 3:30 PM
In All Fairness: Ethical Considerations in High Risk Dual Organ Transplantation
Carrie Thiessen, MD, PhD, University of Wisconsin Madison, Madison, WI, USA

3:30 PM - 3:45 PM
Q&A

Program Topic: Advanced Practice Provider & Professional Development

Bringing Living Donor Liver Transplantation to a Program Near You

1:00 PM - 3:45 PM
Moderators:
Dianne LaPointe Rudow, ANP-BC, DNP, FAAN, Recanti/Miller Transplantation Institute, Douglaston, NY, USA
Madhukar Patel, MD, MBA, ScM, University of Texas Southwestern Medical Center, Dallas, TX, USA

1:00 PM - 1:15 PM
Do we Need a LDLT Program at our Institution?
Kim Olthoff, MD, University of Pennsylvania, Philadelphia, PA, USA

1:15 PM - 1:30 PM
Searching for a Donor: Donor Champion, Donor Ambassador, Outreach, and Marketing
Swaytha Ganesh, MD, UPMC, Pittsburgh, PA, USA

1:30 PM - 1:45 PM
Non-Directed Donors: Special Considerations and Practices
Nazia Selzner, MD, PhD, UHN, Toronto, ON, Canada

1:45 PM - 2:00 PM
Strategies to Meet UNOS Regulations for Donor Follow-up
Erika Venniro, PA, University of Rochester Medical Center, Rochester, NY, USA

2:00 PM - 2:15 PM
Q&A

2:15 PM - 2:30 PM
Break

2:30 PM - 2:45 PM
Advanced Practice Providers in Living Donation: Models for Pre-Donation Care
Dianne LaPointe Rudow, ANP-BC, DNP, FAAN, Mount Sinai Hospital, New York, NY, USA

2:45 PM - 3:00 PM
Advanced Practice Providers in Living Donation: Models for Perioperative Care
Emily Herriman, ANP-BC, University of Michigan, Ann Arbor, MI, USA

3:00 PM - 3:15 PM
Advanced Practice Providers in Living Donation: Models for Post-Donation and Long-Term Care
Paige Morgan, PA-C, Mayo Clinic, Phoenix, AZ, USA

3:15 PM - 3:45 PM
Q&A

Program Topic: Infectious Disease

Steering the Ship: Diagnostic and Antimicrobial Stewardship in Transplant ID

1:00 PM - 3:45 PM
Moderators:
Stephanie Pouch, MD, MS, FAST, Emory University School of Medicine, Atlanta, GA, USA
Judith Anesi, MD, MSCE, University of Pennsylvania, Philadelphia, PA, USA

1:00 PM - 1:15 PM
Transplant ID: Ready for Prime Time?
Jose Camargo, MD, University of Miami Miller School of Medicine, Miami, FL, USA

1:15 PM - 1:30 PM
Fungal Biomarkers: Are They Reliable?
Julie Steinbrink, MD, Duke University, Durham, NC, USA

1:30 PM - 1:45 PM
Multiple Multiplex PCRs: How Much is Too Much?
Carlos Gomez, MD, University of Nebraska Medical Center, Omaha, NE, USA
1:45 PM - 2:00 PM
Therapeutic Drug Monitoring in Antifungals: When is it Needed?
Shahid Husain, MDMS, University Health Network
Toronto, Toronto, ON, Canada

1:00 PM - 1:15 PM
Approach to the Living Liver Donor with Steatosis
Juan Caicedo, MD, Northwestern University Feinberg
School of Medicine, Chicago, IL, USA

2:00 PM - 2:15 PM
Q&A

1:15 PM - 1:30 PM
Approach to the Donor with Complex Vasculature:
Duplicate Portal Veins and Multiple Arteries
Koji Hashimoto, MD, PhD, Cleveland Clinic, Cleveland,
OH, USA

2:15 PM - 2:30 PM
Break

1:30 PM - 1:45 PM
Approach to the Living Donor with Psychosocial and
Socioeconomic Challenges: What is Acceptable and Safe?
AnnMarie Liapakis, MD, Yale School of Medicine,
Digestive Disease, New Haven, CT, USA

2:30 PM - 2:45 PM
Considering a Previous Kidney Donor as a Living Liver
Donor
Jeremy Taylor, MD, University of Rochester Medical
Center, Rochester, NY, USA

2:45 PM - 3:00 PM
Approach to Non-Directed Living Liver Donors Individually
and as a Program
Benjamin Samstein, MD, Weill Cornell Medicine, New
York, NY, USA

3:00 PM - 3:15 PM
The Donor with Multiple Bile Ducts: Best to Abort or
Clinical Opportunity?
Tarunjeet Klair, MD, UT Health Science Center San
Antonio, San Antonio, TX, USA

3:15 PM - 3:45 PM
Q&A

Program Topic: Liver
Controversial Living Liver Donors: Best Approaches
to Unique Scenarios

1:00 PM - 3:45 PM
Moderators:
Nicolas Goldaracena, MD, University of Virginia,
Charlottesville, VA, USA
Tarunjeet Klair, MD, UT Health Science Center San
Antonio, San Antonio, TX, USA

Program Topic: Pharmacy
Transplant Pharmacy Blueprint in 2023: How, When,
and Where to Optimize Our Services
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
</tr>
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<tbody>
<tr>
<td>1:00 PM - 1:15 PM</td>
<td>Essential Building Blocks of Transplant Pharmacy Models</td>
<td>Christina Doligalski, PharmD, BCPS, CPP, FAST, FCCP, University of North Carolina, Chapel Hill</td>
<td>NC, USA</td>
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<td>1:15 PM - 1:30 PM</td>
<td>Strategic Growth of a Transplant Pharmacy Team - Making</td>
<td>Ashley Feist, PharmD, University of California San Diego, La Jolla, CA, USA</td>
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<td>a Compelling Case to the C-Suite</td>
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<td>1:30 PM - 1:45 PM</td>
<td>Don't Take on More than You Can Prescribe: Balancing</td>
<td>Matt Harris, PharmD, MHS BCPS, FAST, Duke University Hospital, Durham, NC, USA</td>
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<td>Wellness with Expansion</td>
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<td>1:45 PM - 2:00 PM</td>
<td>Pre-Transplant Pharmacy Adherence Clinic: Impact on</td>
<td>Jennifer Trofe-Clark, Pharm D, Hospital of the University of Pennsylvania, Philadelphia, PA</td>
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<td>Listing and Transplantation</td>
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<td>USA</td>
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<td>2:00 PM - 2:15 PM</td>
<td>Q&amp;A</td>
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<td>2:15 PM - 2:30 PM</td>
<td>Break</td>
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<tr>
<td>2:30 PM - 2:45 PM</td>
<td>Utilization of a Transplant Pharmacy Collaborative</td>
<td>Ann Kataria, PharmD, Baylor University Medical Center, Dallas, TX, USA</td>
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<td>Agreement (CPA) to Optimize Care for Patients and</td>
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<td>Financial Success for the Institution</td>
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<tr>
<td>2:45 PM - 3:00 PM</td>
<td>Growing Up... How to Successfully Transition Pediatric</td>
<td>Mary Chandran, PharmD, University of North Carolina Medical Center, Chapel Hill, NC, USA</td>
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<td>Transplant Recipients to the Adult Transplant World</td>
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<td>3:00 PM - 3:15 PM</td>
<td>We Can Do It - Pharmacists Take on Post-Transplant</td>
<td>Helen Sweiss, PharmD, University Health System, San Antonio, TX, USA</td>
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<td>Diabetes Mellitus</td>
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<tr>
<td>3:15 PM - 3:30 PM</td>
<td>Transplant Pharmacy Triumphs in the COVID era: Vaccines, Antivirals,</td>
<td>Jennifer McDermott, PharmD, BCTXP, BCPS, Spectrum Health, Grand Rapids, MI, USA</td>
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<td>and Antibodies</td>
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<td>3:30 PM - 3:45 PM</td>
<td>Q&amp;A</td>
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**Program Topic: Other**

A New Paradigm Enabled by Portable Non-ischemic Organ Perfusion with Standardized National Procurement and Clinical Management for Heart, Lung, and Liver Transplants

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM - 3:45 PM</td>
<td>TA-NRP: Current Clinical Evidence and Recent Advances</td>
<td>Amy Fiedler, MD, University of California San Francisco, San Francisco, CA, USA</td>
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<td>1:15 PM - 1:30 PM</td>
<td>Ethics of NRP</td>
<td>Ishna Poojary-Hohman, MD, Ochsner Health System, New Orleans, LA, USA</td>
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<td>1:30 PM - 1:45 PM</td>
<td>Expanding Access to Donor Livers with Machine Perfusion Services:</td>
<td>Rafik Ghobrial, MD, PhD, Houston Methodist Hospital, Houston, TX, USA</td>
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<td>Overcoming Challenges and Developing Solutions</td>
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<tr>
<td>1:45 PM - 2:15 PM</td>
<td>Q&amp;A</td>
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</tbody>
</table>
2:15 PM - 2:30 PM
Break

2:30 PM - 2:45 PM
Expanding Access to Donor Hearts with Machine Perfusion: Overcoming Challenges and Developing Solutions
Josef Stehlik, MD, University of Utah, Salt Lake City, UT, USA

2:45 PM - 3:00 PM
Expanding Access to Donor Lungs with Machine Perfusion Services: Overcoming Challenges and Developing Solutions
Stephen Huddleston, MD, PhD, University of Minnesota Health, Minneapolis, MN, USA

3:00 PM - 3:15 PM
Machine Perfusion - Lessons Learned from European Practices
Umberto Cillo, MD, University of Padova, Padova, Italy

3:15 PM - 3:30 PM
Experience of More Than 1000 Livers on the OCS. What Has Been Achieved so far and the Next Steps
Magdy Attia, MD, TransMedics, Andover, MA, USA

3:30 PM - 3:45 PM
Q&A

Program Topic: Basic Science & Translational
Applying Polygenic Risk Scores in Transplantation

1:00 PM - 3:45 PM
Moderators:
Abraham Shaked, MD, PhD, University of Pennsylvania, Philadelphia, PA, USA
Brendan Keating, PhD, University of Pennsylvania, Philadelphia, PA, USA

1:00 PM - 1:15 PM
Utilizing Genome-wide Datasets for Stratification of Allograft Rejection Risk Using PRS
Brendan Keating, PhD, University of Pennsylvania, Philadelphia, PA, USA

1:15 PM - 1:30 PM
Primary Kidney Disease and Post-transplant Recurrence

1:30 PM - 1:45 PM
Polygenic Eplet Mismatch Scoring in Post-Transplant Outcomes
Massimo Mangiola, PhD D(ABHI), NYU Langone Health, New York, NY, USA

1:30 PM - 1:45 PM
Eplet Matching as a Tool for Risk Stratification in Donor Organ Acceptance
Chris Wiebe, MD, University of Manitoba, Winnipeg, MB, Canada

2:00 PM - 2:15 PM
Q&A

2:15 PM - 2:30 PM
Break

2:30 PM - 2:45 PM
Combining HLA and Non-HLA PRS for Assessing Allograft Survival
Loren Gragert, PhD, Tulane University School of Medicine, New Orleans, LA, USA

2:45 PM - 3:00 PM
Risk Stratification for Post-Transplant Diabetes Using Donor and Recipient Type 2 Diabetes PRS
Abraham Shaked, MD, PhD, University of Pennsylvania, Philadelphia, PA, USA

3:00 PM - 3:15 PM
Advancing Polygenic Risk Scores in Kidney Transplantation Donors and Recipients Towards the Individual Patient
Sophie Limou, PhD, Nantes University, Centrale Nantes, Nantes cedex 1, France

3:15 PM - 3:30 PM
Engineering Functional Polymorphisms into Human Cells Using CRISPR-Cas9
Casey Dorr, PhD, Hennepin Healthcare Research Institute, Minneapolis, MN, USA

3:30 PM - 3:45 PM
Q&A
Break
3:45 PM - 4:15 PM

Rapid Fire Oral Abstract Session
4:15 PM - 5:30 PM

Program Topic: Kidney
Kidney Psychosocial

4:15 PM - 5:30 PM
Moderators:
Jody Jones, PhD, University of Iowa Hospitals and Clinics, Iowa City, IA, USA
Camilla Nonterrah, PhD, University of Richmond, Richmond, VA, USA

4:15 PM - 4:25 PM
Unplanned Pregnancy After Kidney Transplant is Associated with Acute Graft Rejection
O. Yin¹, L. A. Coscia², S. Constantinescu³, M. J. Moritz⁴, M. Sarkar¹, Y. Afshar⁵, ¹UCSF, San Francisco, CA, ²Transplant Pregnancy Registry International, Gift of Life Institute, Philadelphia, PA, ³Temple University, Philadelphia, PA, ⁴Lehigh Valley Health Network, Allentown, PA, ⁵Division of Maternal Fetal Medicine, UCLA, Los Angeles, CA

4:25 PM - 4:35 PM
Racial Differences in Reactivation on the Kidney Transplant Waitlist Among Individuals Made Inactive Due to Insurance Issues
P. Jethwani¹, K. Ladin², L. Ying³, G. Gan⁴, Y. Deng⁴, D. Haakinson³, R. Batra³, S. Kulkarni⁵, ¹Methodist University Hospital, Memphis, TN, ²Departments of Occupational Therapy, Public Health and Community Medicine, Tufts University, Boston, MA, ³Department of Surgery, Yale University, New Haven, CT, ⁴Yale Center for Analytical Sciences, Yale University, New Haven, CT

4:35 PM - 4:45 PM
Race and Psychosocial Reasons for Exclusion from Kidney Transplantation in Each Phase of the Process
A. Anwar, C. Godfrey, T. Richardson, O. Zhao, J. Lawson, E. J. Gordon, L. Hickman, L. A. Binari, R. Forbes, B. P. Concepcion, Vanderbilt University Medical Center, Nashville, TN

4:45 PM - 4:55 PM
Postoperative Delirium and Incident Dementia Among Older Kidney Transplant Recipients
Y. Liu¹, J. Ruck², N. Chu², A. Mathur², D. Segev¹, M. McAdams DeMarco¹, ¹NYU Langone Health, New York, NY, ²Johns Hopkins, Baltimore, MD

4:55 PM - 5:05 PM
J. Daw, Sociology & Criminology, The Pennsylvania State University, University Park, PA

5:05 PM - 5:15 PM
Treatment Burden as a Novel Risk Factor for Rehospitalizations After Kidney Transplantation
E. C. Lorenz¹, W. K. Kremers², C. A. Schinstock², H. M. Wade³, G. K. Mour⁴, A. D. Rule², A. L. Cheville², C. C. Kennedy², P. Khairallah¹, S. D. Navaneethan¹, W. C. Winkelmayer¹, D. T. Eton³, ¹Baylor College of Medicine, Houston, TX, ²Mayo Clinic, Rochester, MN, ³Mayo Clinic, Jacksonville, FL, ⁴Mayo Clinic, Phoenix, AZ, ⁵National Institutes of Health, Bethesda, MD

5:15 PM - 5:25 PM
Multistep Algorithm to Achieve Weight Loss Goal in Advanced Stage Obesity Kidney Transplant Candidates: A Single Center Interval Report
A. Shah, J. Cataldo, S. Atthota, L. Castaldo, L. Irwin, M. Thomas, L. Dageforde, N. Elias, Massachusetts General Hospital, Boston, MA

5:25 PM - 5:30 PM
Q&A

Program Topic: Liver
Liver: Pediatrics

4:15 PM - 5:30 PM
Moderators:
Megan Adams, MD, Children's Hospital of Colorado, Denver, CO, USA
Yong Kwon, MD, FACS, University of Southern California, Los Angeles, CA, USA

4:15 PM - 4:25 PM
Immediate Extubation After Pediatric Liver
Transplantation: Update on a Single Center Experience

4:25 PM - 4:35 PM
Regional Transcriptomes Reveal Differential Enrichment of Mechanisms and Novel Drug Targets in Liver Allografts with Acute Cellular Rejection (ACR)
R. Sindhi1, D. Rajasundaram2, M. Ningappa1, C. Ashokkumar2, B. W Higgs3, W. Mac Donald2, G. Mazanigos3, A. Chattopadhyay4, S. Subramaniam5, M. Reyes-Mújica2, 1Childrens Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 2Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 3Children’s Hospital of Pittsburgh, Pittsburgh, PA, 4University of Pittsburgh, Pittsburgh, PA, 5University of California, San Diego, CA

4:35 PM - 4:45 PM
Auxiliary Partial Orthotopic Liver Transplant in Children with Acute Liver Failure; The Gold Standard?

4:45 PM - 4:55 PM
Immediate Revascularization of Early Hepatic Artery Thrombosis After Pediatric Liver Transplant: Is It Worth It?
C. P. Lemoine, K. A. Brandt, J. Caicedo, R. A. Superina, Division of Transplant and Advanced Hepatobiliary Surgery, Lurie Children’s Hospital/Northwestern University, Chicago, IL

5:05 PM - 5:15 PM
Liver Acuity Circles Allocation: Impact on Children on the Waitlist
J. Foutz1, S. Weiss1, E. Hsu2, E. Perito3, J. Trotter1, S. Biggins5, J. Pomposelli6, 1Research, UNOS, Richmond, VA, 2Seattle Children’s Hospital, Seattle, WA, 3UCSF Benioff Children’s Hospital, San Francisco, CA, 4BSW Health, Dallas, TX, 5University of Washington, Seattle, WA, 6University of Colorado, Aurora, CO

5:15 PM - 5:25 PM
The Accuracy of Non-Standardized MELD/PELD Score Exceptions in the Pediatric Liver Allocation System
D. Ahn1, A. Gallo1, K. Pelzer2, R. Barth2, W. Parker2, 1Stanford University, Stanford, CA, 2University of Chicago, Chicago, IL

5:25 PM - 5:30 PM
Q&A

Program Topic: Liver

Liver: Immunosuppression and Rejection

4:15 PM - 5:30 PM
Moderators:
Nizar Talaat, MD, University of Kansas Health System, Kansas City, KS, USA
Hussein Eslisy, MD, Baylor Scott & White Plano medical center, Dallas, TX, USA

5:45 PM - 5:55 PM
Distinguishing an Antibody-Mediated Rejection-Like State in Liver Transplants with High Expression of NK Cell Transcripts and IFNG-Induced Transcripts
K. S. Madill1, P. T. Gauthier1, P. F. Halloran1, .. The INTERLIVER Study Investigators2, 1ATAGC, Edmonton, AB, Canada, 2, .., AB, Canada

4:25 PM - 5:35 PM
Operational Tolerance (TOL) is Associated with Missense Mutations in Immune Deficiency Genes That Regulate B-Cell Function
M. Ningappa1, C. Ashokkumar1, M. Laffey2, D. Rajasundaram3, K. Kernan4, V. Sood3, G. Mazanigos3, K. Soltys3, J. Glessner4, H. Hakonarson4, R. Sindhi3, 1Surgery, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 2University of Pittsburgh, Pittsburgh, PA, 3Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA
4:35 PM - 4:45 PM
Interplay Between Intrahepatic Macrophages and Alloreactive and Regulatory T-Cells Mediates the Complex Alloimmune Microenvironment During Acute Rejection in Clinical Liver Transplantation
A. Barbetta1, B. Roque2, S. Bangerth3, C. Weaver4, J. Kim5, B. Roper6, S. Chopra8, R. Kohli7, J. Emamaullee5, A. Daley1, N. Hawksworth1, K. Hata1, H. Haga2, J. Kusakabe1, S. Kageyama1, K. Yurugi3, R. Hishida3, X. Zhao1, M. Nishikori4, M. Nagao2, A. Takaori-Kondo4, S. Uemoto1, E. Hatano1, HBP Surgery and Transplantation, Kyoto University, Kyoto, Japan, Diagnostic Pathology, Kyoto University, Kyoto, Japan, Clinical Laboratory Medicine, Kyoto University, Kyoto, Japan, Hematology and Oncology, Kyoto University, Kyoto, Japan

5:25 PM - 5:30 PM
Q&A

Program Topic: Kidney

Kidney Living Donation

4:15 PM - 4:30 PM
Support Needs for Living Kidney Donor Candidates: Results from a Multicenter Qualitative Study
A. Daley1, E. Alagoz1, J. Gannon2, S. Li2, D. Dobosz2, K. Kennedy3, D. Gray4, A. Mussell4, P. Reese4, E. Gordon3, S. Kulkarni1, C. Thiessen1, University of Wisconsin, Madison, WI, Yale University, New Haven, CT, Northwestern University, Chicago, IL, University of Pennsylvania, Philadelphia, PA
4:35 PM - 4:45 PM
Similar Results in ABO-Incompatible and Kidney Paired Donation Living Donor Kidney Transplantation, with Worse Death-Censored and Patient Survivals in Those Patients Included in the National Kidney Exchange Program Due to ABO Incompatibility
A. Barrera¹, M. Lozano², A. Gonzalez³, E. Montagud-Marrahi³, E. Palou⁴, J. Cid⁵, D. Paredes⁶, M. Valentín-Oliva⁷, J. Caro⁴, D. Cucchiarri⁸, M. Garcia⁷, J. Campistol⁹, B. Domínguez-Gil⁷, F. Oppenheimer⁶, F. Diekmann³, L. Revuelta¹, ¹Department of Nephrology and Kidney Transplant, Hospital Insular de Gran Canaria, Las Palmas de Gran Canaria, Spain, ²Apheresis and Cell Therapy Unit, Hospital Clinic, Barcelona, Spain, ³Department of Nephrology and Kidney Transplant, Hospital Clinic, Barcelona, Spain, ⁴Department of Immunology, Hospital Clinic, Barcelona, Spain, ⁵Apheresis and Cell Therapy Unit, Hospital Clinic, Barcelona, Spain, ⁶Organ Coordination Unit, Hospital Clinic, Barcelona, Spain, ⁷Department of Nephrology and Kidney Transplant, Hospital Clinic, Barcelona, Spain

4:45 PM - 4:55 PM
Prediction of Graft Survival Among Living Donor Kidney Transplant: An Artificial Intelligence Approach
H. K. Ali, M. Mohamed, University Hospitals of Coventry and Warwickshire, Coventry, United Kingdom

4:55 PM - 5:05 PM
Converting Interested Into Actual Non-Directed Living Donors: Opportunities to Increase Donor Conversion Rates within Paired Donation Programs
A. D. Waterman¹, C. Pulicken¹, M. Ronin², J. Verbesey³, A. Hinojosa¹, C. L. Klein¹, M. Cooper⁶, ¹Houston Methodist Hospital, Houston, TX, ²National Kidney Registry, Greenwich, CT, ³Georgetown University Hospital, Washington, DC, ⁴Piedmont Transplant Institute, Atlanta, GA, ⁵Medical College of Wisconsin, Milwaukee, WI

5:05 PM - 5:15 PM
Consequences of Low Estimated Glomerular Filtration Rate (eGFR) Either Pre- or Early Post Kidney Donation
M. D. Evans¹, E. S. Helgeson², A. Rule³, D. Vock⁴, A. J. Matas⁵, ¹BDAC Associate Director and Senior Biostatistician, University of Minnesota, Minneapolis, MN, ²Biostatistics, University of Minnesota, Minneapolis, MN, ³Mayo Clinic, Rochester, MN, ⁴Surgery, University of Minnesota, Minneapolis, MN

Program Topic: Infectious Disease
Transplant ID Miscellaneous

4:15 PM - 5:30 PM
Moderators:
Ricardo La Hoz, MD, UT Southwestern Medical Center, Dallas, TX, USA
Hannah Imlay, MD, MS, University of Utah, Salt Lake City, UT, USA

4:15 PM - 4:25 PM
Next Generation Sequencing of the Microbiome in a Cohort of Renal Transplant Recipients with Unexplained Viral Syndromes
A. C. Johnson, G. M. Karadkhele, C. P. Larsen, Emory University, Atlanta, GA

4:25 PM - 4:35 PM
Defining the Landscape of Educational Experiences in Transplant Infectious Diseases: A National Survey of ID Fellows
V. K. Phadke¹, S. Nematollahi², J. M. Steinbrink³, R. Bartash⁴, M. K. Morales⁵, S. C. Roberts⁶, M. I. Ardura⁷, N. M. Theodoropoulos⁸, ¹Emory University, Atlanta, GA, ²University of Arizona, Tucson, AZ, ³Duke University, Durham, NC, ⁴Montefiore Medical Center/Albert Einstein College of Medicine, The Bronx, NY, ⁵Virginia Commonwealth University, Richmond, VA, ⁶Yale
4:35 PM - 4:45 PM
Quantifying the Relationship Between Tacrolimus Dose and Post-Transplant Relative Abundance of Clostridoides Difficile in Kidney Transplant Recipients with Similar Metabolism Based on Identical CYP3A5 Variants
M. Nayebpour1, N. Koizumi2, J. Melancon3, H. Ibrahim3, O. Ekwenna4, 1Virginia BioAnalytics, Washington, DC, 2George Mason University, Arlington, VA, 3George Washington University Hospital, Washington, DC, 4The University of Toledo Medical Center, Toledo, OH

4:45 PM - 4:55 PM
Gut Microbiota Dysbiosis with Differential Abundance of Ruminococcaceae is a Feature of Vancomycin-Resistant Enterococcus Colonization in Kidney Transplant Recipients
A. Uhlemann1, K. Lewis1, T. Barbar2, D. Dadhana2, J. Lee2, 1Columbia University Vagelos College of Physicians and Surgeons, New York, NY, 2Weill Cornell Medicine, New York, NY

5:05 PM - 5:15 PM
Effect of Single-Strength Trimethoprim-Sulfamethoxazole on Early Post Kidney Transplant Urinary Tract Infections
K. Kraft, W. Johnson, R. Kempel, J. Lawson, S. Shawar, H. Schaefer, B. Concepcion, R. Forbes, D. Shaffer, L. Hickman, Vanderbilt University Medical Center, Nashville, TN
Kinase B1 Expression Following Lung Transplantation
M. A. Rahman¹, D. Scozzi¹, R. Ravichandran¹, S. Bansal¹, M. Smith², R. Bremner³, T. Mohanakumar⁴, ¹St. Joseph’s Hospital and Medical Center, Phoenix, AZ, ²St. Joseph’s Hospital and Medical Center, Phoenix, AZ, ³St. Joseph’s Hospital and Medical Center, Phoenix, AZ, ⁴St. Joseph’s Hospital and Medical Center, Phoenix, AZ, ⁵UMR 1064, CHU Nantes
Program Topic: Basic Science
Biomarkers

4:15 PM - 5:30 PM
Moderators:
Deborah Levine, MD, Stanford University, Palo Alto, CA, USA
Lorenzo Gallon, MD, Northwestern University NMFF, Chicago, IL, USA

4:15 PM - 4:25 PM
Banff Human Organ Transplant Consensus Gene Panel for Detecting Antibody Mediated Rejection in Heart Allograft Biopsies
A. Giarraputo¹, G. Coutance², O. Aubert², D. Zielinski², F. Mezine², M. Mengel³, M. Fedrigo⁴, J. Duong Van Huyen², P. Bruneval², A. Angelini⁴, A. Loupy², ¹Paris Transplant Institute, Paris, France, ²Paris Transplant Group, Paris, France, ³University of Alberta, Edmonton, AB, Canada, ⁴Cardiovascular Pathology Unit, Padova, Italy

4:25 PM - 4:35 PM
Molecular Diagnostic Classification of Heart Allograft Rejection Based on the Targeted Banff Human Organ Transplant Gene Expression Panel
A. Giarraputo¹, G. Coutance², M. Fedrigo², O. Aubert¹, B. Robin¹, J. Dagobert¹, I. Barison², C. Castellani², F. Mezine¹, P. Rouvier¹, P. Bruneval¹, J. Duong Van Huyen¹, J. A. Kobashigawa³, J. K. Patel⁴, A. Angelini², A. Loupy¹, ¹Paris Transplant Group, Paris, France, ²Cardiovascular Pathology Unit, Padova, Italy, ³University of Alberta, Edmonton, AB, Canada, ⁴Paris Transplant Group, Cedars-Sinai Smidt Heart Institute, CA

4:35 PM - 4:45 PM
Heartcare Across the Age Spectrum
M. Kamath¹, M. Deng¹, K. Oreschak², M. Fei², L. M. Jenkins², J. Kobulnik², J. Teuteberg³, D. Baran⁴, ¹UCLA, Los Angeles, CA, ²CareDx, South San Francisco, CA, ³Stanford University, Stanford, CA, ⁴Cleveland Clinic Heart, Vascular and Thoracic Institute, Parkland, FL

4:45 PM - 5:55 PM
Effect of COVID-19 Infection on HeartCare: Updated Data from the SHORE Multicenter Registry
Y. Brailovsky¹, I. Rajapreyar², A. Vaidya³, A. Wolfson³, P. Uber⁴, K. Oreschak⁵, K. Pinney⁵, J. Kobulnik⁵, L. M.
4:55 PM - 5:05 PM
The Diagnosis and Preemptive Prediction of Kidney Antibody-Mediated Rejection Based on Allograft Transcriptome Profiling
M. Liao, K. Lee, K. Deng, C. Leguern, J. F. Markmann, Center for Transplantation Sciences, Massachusetts General Hospital, Boston, MA

5:05 PM - 5:15 PM
Validation of a Urinary Exosome Mrna Signature for the Diagnosis of Human Kidney Transplant Rejection
R. El Fekih¹, J. Hurley², B. C. Haynes³, S. Kumar⁴, J. Y. Choi¹, N. Younis¹, A. Halawi¹, A. Weins¹, A. Chandraker¹, J. Markmann³, R. Formica⁴, C. Macedo⁵, J. Skog², J. Azzi¹, ¹Brigham and Women’s Hospital, Boston, MA, ²Exosome Diagnostics, Waltham, MA, ³Mass General Hospital, Boston, MA, ⁴Yale University School of Medicine, New Haven, CT, ⁵Starzl Transplantation Institute, Pittsburgh, PA

5:15 PM - 5:25 PM
Computational Analysis of Multiplex Immunofluorescence Imaging Identifies Endothelial Cell-Macrophage Interaction as a Potential Novel Spatial Biomarker in Antibody Mediated Kidney Rejection
T. Hirai¹, A. Kondo², T. Shimizu¹, S. Horita¹, D. Tokita³, A. Mayer², H. Ishida¹, ¹Kidney Center, Tokyo Women’s Medical University, Tokyo, Japan, ²Enable Medicine, Inc., Menlo Park, CA, ³Clinical and Academic Research Promotion Center, Tokyo Women’s Medical University, Tokyo, Japan

5:25 PM - 5:30 PM
Q&A
4:15 PM - 4:25 PM
Regulation of the Development of Cd4+cd57+pd1- Cells by II-7/Il-15/mTOR Pathway
S. Li, H. Xu, A. D. Kirk, Surgery, Duke University, Durham, NC

4:25 PM - 4:35 PM
Mitochondrial Dysfunction and Alloimmunity in Chronic Lung Transplant Rejection
M. Cano, D. Zhou, C. Chen, K. Pugh, D. Byers, D. Kreisel, A. Gelman, 1Pulmonary and Critical Care, Washington University in Saint Louis, Saint Louis, MO, 2Surgery, Washington University School of Medicine, Saint Louis, MO, 3UT Southwestern Medical Center, Dallas, TX, 4Cell and Developmental Biology, University of Michigan, Ann Arbor, MI, 5Pulmonary and Critical Care, Washington University School of Medicine, Saint Louis, MO, 6Cardiothoracic Surgery, Washington University School of Medicine, Saint Louis, MO, 7Surgery and Immunology and Pathology, Washington University of Medicine, Saint Louis, MO

4:35 PM - 4:45 PM
Human Antigen R (HuR) Dictates CEACAM1 Cytoprotection in Liver Injury in Mouse and Humans
K. J. Dery, B. Cheng, M. Wei, Z. Hong, H. Kojima, H. Hiroa, S. Yao, J. Kupiec, M. F. Pelletier, 1Surgery, UCLA, Los Angeles, CA, 2UCLA, Los Angeles, CA, 3UCLA, LA, CA, 4Surgery, University of California, Los Angeles, Los Angeles, CA, 5UCLA Medical Center, Los Angeles, CA

4:45 PM - 4:55 PM
II-10 Direct Signaling in T Cells is Essential for Transplant Tolerance Induction Via CD40/CD154 Pathway Blockade
M. Iglesias Lozano, D. Bibicheff, A. Komin, M. Chicco, D. Zern, A. Zeevi, 1Transplant Institute, Brigham and Women's Hospital, Boston, MA

4:55 PM - 5:05 PM
“EpitopeR,” Streamlined Prediction of Immunogenic Peptide Presentation by MHC
A. C. Johnson, J. Zhang, C. P. Larsen, Surgery, Emory University, Atlanta, GA

5:05 PM - 5:15 PM
HLA Eplets Are Common in the World Population and Do Not Impact Equity
M. Mangiola, M. Ellison, M. Mankowski, M. Marrari, S. E. Gentry, D. Segev, A. Zeevi, 1Transplant Institute, New York University Langone Medical Center, New York, NY, 2University of Pittsburgh Medical Center, Pittsburgh, PA, 3Erasmus University, Rotterdam, Netherlands, 4C-STAR, New York University Grossman School of Medicine, New York, NY

5:15 PM - 5:25 PM
Sex Hormone-Specific DC and T Cell Interactions in Alloimmunity: A Single Cell Analysis
Y. Xiao, T. Matsunaga, F. Martin, R. Maenosono, H. Zhou, S. Tullius, Brigham and Women's Hospital, Boston, MA

5:25 PM - 5:30 PM
Q&A

Program Topic: Basic Science

Signaling and Metabolism

4:15 PM - 5:30 PM
Moderators:
Xunrong Luo, MD, PhD, Duke University School of Medicine, Durham, NC, USA
Rifaximin Treatment Improves Liver Transplant Outcomes by Promoting Hepatocellular Regeneration

H. Kojima¹, S. Kageyama², D. Noguchi¹, K. J. Dery¹, T. Torgerson¹, K. Kadono¹, H. Hirao¹, K. Nakamura², S. Yao¹, F. M. Kaldas¹, J. W. Kupiec-Weglinski¹, ¹The Dumont-UCLA Transplant Center, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA, ²Surgery, Kyoto University, Kyoto, CA

Hypoxia Inducible Factor Alpha (HIF-2α) is a Global Regulator of Alternative Splicing Following Hepatic Ischemic Stress

K. J. Dery¹, M. Wei², Z. Wong², B. Cheng², H. Kojima², S. Yao³, J. Kupiec-Weglinski³, ¹Surgery, Dumont-UCLA Transplant Center, UCLA, Los Angeles, CA, ²UCLA, LA, CA, ³Surgery, University of California, Los Angeles, Los Angeles, CA, ⁴UCLA Medical Center, Los Angeles, CA

Sponsor Networking

5:30 PM - 7:00 PM

Program Topic: All Topics

Sponsor Networking

Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hors D’oeuvres will be served.

Poster Session A

5:30 PM - 7:00 PM

Program Topic: All Topics

Poster Session A Presenters in Attendance

- Administrative: Quality Assurance Process Improvement & Regulatory Issues
- Basic Science: Acute Rejection
- Basic Science: Antigen Presentation / Allorecognition / Co-Stimulation
- Basic Science: B-cell / Antibody /Autoimmunity
- Basic Science: Biomarkers: -omics and Systems Biology
- Basic Science: Biomarkers: Abdominal
- Basic Science: Chronic Organ Rejection
- Infectious Disease: COVID-19
- Kidney: Health Equity and Access
- Kidney: Kidney Acute Antibody Mediated Rejection
- Kidney: Kidney Chronic Antibody Mediated Rejection
- Kidney: Kidney Complications: Immune Mediated Late Graft Failure
- Kidney: Kidney Complications: Non-Immune Mediated Late Graft Failure
- Liver: Cirrhosis - Portal Hypertension and Other Complications
- Liver: Expanding the Donor Pool (Liver: MELD Allocation / Donor Issues)
- Liver: Hepatocellular Carcinoma
- Intestine: Intestinal Transplantation and Rehabilitation
- Organ Inclusive: Machine Learning, Artificial Intelligence, and Social Media in Transplantation
- Organ Inclusive: Deceased Donor Management and Intervention Research
- APP: Clinical Practice

Product Theater

5:45 PM - 6:15 PM

Program Topic: All Topics

Product Theater Sponsored by Mallinckrodt Pharmaceuticals

This product theater is not part of the ATC official educational program, and the session and content are not endorsed by ATC.

This is open to all registered ATC attendees and there is no separate registration fee to attend.
Women's Networking Event
6:30 PM - 8:00 PM

Program Topic: Women’s Health & Professional Development

Women’s Networking Event Sponsored by CareDx

Open to All Attendees

6:30 PM - 8:00 PM
Climbing the Academic Ladder in High Heels
Lynn Schnapp, MD, ATSF, University of Wisconsin-Madison, Madison, WI, USA

Sunday, June 4, 2023

IMPACT Sessions
7:00 AM - 8:00 AM

Program Topic: Kidney

Pursuing Healthy Weight for Life: Integrating Long-term Weight Management to Promote Wellness and Sustained Weight Loss Among Overweight and/or Obese Living Donor Candidates

7:00 AM - 8:00 AM
Moderators:
Ellen Shukhman, RN-BC, BSN, CCTC, Cedars-Sinai Comprehensive Transplant Center, Los Angeles, CA, USA
Arjang Djamali, Maine Medical Center, Portland, ME, USA

7:00 AM - 7:15 AM
The Obesity Barrier to Transplant: Are We Shutting Out Too Many Donors and Recipients?
Anil Paramesh, MD, MBA, FACS, Tulane University School of Medicine, New Orleans, LA, USA

7:15 AM - 7:30 AM
Pitfalls and Practices of Managing the Obese Transplant Patient
Elaine Ku, MD, UCSF, San Francisco, CA, USA

7:30 AM - 7:45 AM
Effectiveness of the Existing Strategies to Address Obesity in Living Donors - Nutrition Management, Noninvasive Medical Therapies (i.e., GLP1 Agonist, Orlistat, Etc.), and Metabolic Surgery
Babak Orandi, MD, PhD, MSc, University of Alabama at Birmingham, Birmingham, AL, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Pharmacy

Using Immunologically Active Agents in the Setting of Immunosuppression

7:00 AM - 8:00 AM
Moderators:
Andrew Brown, PharmD, BCTXP, Virginia Commonwealth University Health, Richmond, VA, USA
Matt Harris, PharmD, MHS, BCPS, FAST, Duke University Hospital, Durham, NC, USA

7:00 AM - 7:15 AM
You Better Check Yourself Before You Wreck Yourself: Checkpoint Inhibitors in Solid Organ Transplant Patients
Karen Khalil, PharmD, New York University Langone Medical Center, New York, NY, USA

7:15 AM - 7:30 AM
Lenalidomide, Pomalidomide and Transplant Consequences Newly Identified
Jillian Casale, PharmD, Cooperman Barnabas Medical Center, Livingston, NJ, USA

7:30 AM - 7:45 AM
Giving Regards to DMARDs and How to Manage Concomitant Immunosuppression
Mary Chandran, PharmD, University of North Carolina Medical Center, Chapel Hill, NC, USA

7:45 AM - 8:00 AM
Q&A
Program Topic: Basic Science

Beyond the Genome: Epigenetic Biomarkers in Solid Organ Transplant

7:00 AM - 8:00 AM
Moderators:
Valeria Mas, PhD, University of Maryland, Ellicott City, MD, USA
Mario Abbud-Filho, MD, PhD, Medical School & Hospital de Base - São José do Rio Preto, Sao Jose do Rio Preto, Brazil

7:00 AM - 7:15 AM
Epigenetic Consequences of Ischemia Reperfusion Injury
John Greenland, MD, PhD, University of California, San Francisco, San Francisco, CA, USA

7:15 AM - 7:30 AM
Epigenetic Profiling of Immune Aging in Infection and Rejection
Joanna Schaenman, MD, PhD, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

7:30 AM - 7:45 AM
Epigenetic Modifications Chronic Allograft Injury
Daniel Maluf, MD, University of Maryland, Baltimore, MD, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Public Policy and Regulatory Issues

Long-term Living Donor Follow up in the US: A Pipedream or an Imminent Reality

7:00 AM - 8:00 AM
Moderators:
Randolph Schaffer, MD, Scripps Center for Organ Transplantation, La Jolla, CA, USA
Neetika Garg, MD, University of Wisconsin Madison, Madison, WI, USA

7:00 AM - 7:15 AM
Overview of Living Donor Follow up in the US
Deborah Adey, MD, University of California San Francisco, San Francisco, CA, USA

7:15 AM - 7:30 AM
Pro - Changing the Follow-up Paradigm: Building a Collaboration Centers, Donors and the SRTR though the Living Donor Collective
Krista Lentine, MD, PhD, Saint Louis University School of Medicine, St. Louis, MO, USA

7:30 AM - 7:45 AM
Con: Great Expectations Lead to Great Disappointments - Need Donors Engagement as Key Stakeholders
Vineeta Kumar, MD, University of Alabama at Birmingham, Birmingham, AL, USA

7:45 AM - 7:50 AM
Rebuttal: Pro

7:50 AM - 7:55 AM
Rebuttal: Con

7:55 AM - 8:00 AM
Q&A

Program Topic: Infectious Disease

Updates in COVID-19 and Monkeypox

7:00 AM - 8:00 AM
Moderators:
Marwan Azar, MD, Yale University School of Medicine, Branford, CT, USA
Hannah Nam, MD, University of California Irvine Medical Center, Orange, CA, USA

7:00 AM - 7:15 AM
COVID-19 Treatments in Transplant Recipients
Zachary Yetmar, MD, Mayo Clinic, Rochester, MN, USA

7:15 AM - 7:30 AM
COVID-19 Vaccination and Preventative Strategies
William Werbel, MD, PhD, Johns Hopkins University, Baltimore, MD, USA

7:30 AM - 7:45 AM
Monkeypox and SOT recipients
Ghady Haidar, MD, University of Pittsburgh, Pittsburgh, PA, USA

7:45 AM - 8:00 AM
Q&A
Program Topic: Pediatric

No More Secrets: Addressing Mental Health and Risky Behaviors in Adolescent Transplant Recipients

7:00 AM - 8:00 AM
Moderators:
Isa Ashoor, MD, Boston Children’s Hospital, Boston, MA, USA
Anne Dawson, PhD, Nationwide Children’s Hospital, Columbus, OH, USA

7:00 AM - 7:15 AM
The Ongoing Mental Health Crisis: How do we Screen for Mental Health Disorders in Adolescent SOT Recipients?
Tom Blydt-Hansen, MD, CM, University of British Columbia, Vancouver, BC, Canada

7:15 AM - 7:30 AM
A Practical Approach to Screening for and Counseling About Tobacco, Marijuana, and Alcohol Use in Adolescent Solid Organ Transplant Recipients
Scott Hadland, MD, MPH, MS, Massachusetts General Hospital, Boston, MA, USA

7:30 AM - 7:45 AM
Treatment Options for SOT Recipients With Mental Health and Substance Use Disorders
Kaushalendra Amatya, Ph.D., Children’s National Hospital, George Washington School of Medicine, Washington, DC, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Translational

Histocompatibility Challenges in Xenotransplantation - Gaps Between Clinical Histocompatibility Testing and Xenotransplantation

7:00 AM - 8:00 AM
Moderators:
Massimo Mangiola, PhD, A(ACHI), NYU Langone health, New York, NY, USA
Nicole Valenzuela, PhD, F(ACHI), University of California, Los Angeles, CA, USA

California Los Angeles Immunogenetics Center, Los Angeles, CA, USA

7:00 AM - 7:15 AM
Gaps in Histocompatibility Testing Between Human Allotransplantation and Xenotransplantation
Sam Ho, PhD, F(ACHI), FAACC, Gift of Hope Organ and Tissue Donor Network, Itasca, IL, USA

7:15 AM - 7:30 AM
An Overview of Human Allo-immune Effector Mechanisms With Potential For Xeno-Immune Reactivity
Luis Hidalgo, PhD, D(ABHI), University of Wisconsin Madison, Madison, WI, USA

7:30 AM - 7:45 AM
The Role HLA Lab in Clinical Xenotransplantation
Massimo Mangiola, PhD, A(ACHI), NYU Langone Health, New York, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Liver

Challenges in Management of Critically ill Patient with Liver Disease

7:00 AM - 8:00 AM
Moderators:
Lisa VanWagner, MD, MSc, University of Texas Southwestern Medical Center, Dallas, TX, USA
Elizabeth Verna, MD, MS, Columbia University, New York, NY, USA

7:00 AM - 7:15 AM
Which Extra-corporeal Liver Support for my Patient? RRT, MARS or Plasma Exchange
Mitra Nadim, MD, University of Southern California, Los Angeles, CA, USA

7:15 AM - 7:30 AM
Assessment of Volume Status in the Fluid Overload Critically Ill Patient with Liver Disease
Ram Subramanian, MD, Emory University, Decatur, GA, USA

7:30 AM - 7:45 AM
The Alphabet Soup of Assessment of Kidney Function
Stevan Gonzalez, MD, Baylor Simmons Transplant Institute, Fort Worth, TX, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Advanced Practice Provider
Liver Transplantation as a New Treatment for Unresectable Colorectal Cancer Metastasis

7:00 AM - 8:00 AM
Moderators:
Kristen Ryland, MSN, APRN, AGNP-BC, RD, Mayo Clinic, Jacksonville, FL, USA
Christopher Sonnenday, MD, MHS, University of Michigan, Ann Arbor, MI, USA

7:00 AM - 7:15 AM
Selection and Outcomes
Gonzalo Sapisochin, MD, UHN, Toronto, ON, Canada

7:15 AM - 7:30 AM
Balancing Chemotherapy and Immunosuppression
David Al-Adra, MD, PhD, University of Wisconsin, Madison, WI, USA

7:30 AM - 7:45 AM
Lessons Learned in a High Volume Center
Michael Grizzanti, FNP-BC, University of Rochester Medical Center, Rochester, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Kidney
Post-Transplant Glomerulonephritis (GN): What We Know and What We Must Know

7:00 AM - 8:00 AM
Moderators:
Tarek Alhamad, MD, MS, Washington University School of Medicine in St. Louis, Manchester, MO, USA
Leonardo Riella, MD, PhD, Massachusetts General Hospital Transplant Center, Boston, MA, USA

7:00 AM - 7:15 AM
Post-transplant FSGS: Why it Recurs and What we Can do to Prevent and Treat it?
Nada Alachkar, MD, Johns Hopkins University, Baltimore, MD, USA

7:15 AM - 7:30 AM
Post-Transplant IgA Nephropathy: Recurrence and Management
Anshul Bhalla, MD, FASN, University of Tennessee Health Science Center, Memphis, TN, USA

7:30 AM - 7:45 AM
Post-Transplant Membranoproliferative Glomerulonephritis (MPGN): Recurrence and Management: The Pathophysiology, Pathology, and Treatment
Basmah Abdalla, MD, MS, UCLA, Mission Viejo, CA, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Heart
Dangerous Liaisons: Pulmonary Hypertension in Heart, Lung, and Liver Transplantation

7:00 AM - 8:00 AM
Moderators:
Chris Freise, MD, University of California San Francisco, San Francisco, CA, USA
Teresa De Marco, MD, FACC, University of California San Francisco, San Francisco, CA, USA

7:00 AM - 7:15 AM
The Devil You Know: Pulmonary Hypertension in Heart Transplantation-Diagnosis, Implications, and Management
Jignesh Patel, MD, PhD, Cedars-Sinai Smidt Heart Institute, Beverly Hills, CA, USA

7:15 AM - 7:30 AM
Under Pressure: PH in Interstitial Lung Disease and Implications for Lung Transplantation
Deborah Levine, MD, Stanford University, Palo Alto, CA, USA

7:30 AM - 7:45 AM
I Can’t Get No Transplantation: Portopulmonary
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023

Hypertension Screening, Diagnosis, Treatment Options and Outcomes
Michael Krowka, MD, Mayo Clinic, Rochester, MN, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Psychosocial and Ethics

Social Support and Culturally Relevant Facilitators of Access to Transplantation

7:00 AM - 8:00 AM
Moderators:
Gloria Chen, LCSW-S, CCTSW, Dell Seton Medical Center at The University of Texas, Austin, TX, USA
Heather Bruschwein, PsyD, University of Virginia, Charlottesville, VA, USA

7:00 AM - 7:15 AM
Controversies in Social Support: What Does the Evidence Say?
Gloria Chen, LCSW-S, CCTSW, Dell Seton Medical Center at The University of Texas at Austin, Austin, TX, USA

7:15 AM - 7:30 AM
Development of a Validated Culturally Relevant Measure for Identifying Barriers in Access to Kidney Transplantation
Camilla Nonterah, PhD, University of Richmond, Richmond, VA, USA

7:30 AM - 7:45 AM
Are Social Support Evaluations Fair?: How to Improve Current Practices
Keren Ladin, PhD, MSc, Tufts University, Medford, MA, USA

7:45 AM - 8:00 AM
A Culturally Tailored Program for African Americans
John Franklin, MD, Northwestern University, Chicago, IL, USA

Break
8:00 AM - 8:15 AM

Plenary Oral Abstract Session
8:15 AM - 9:15 AM

Program Topic: All Topics

Plenary Oral Abstract Session 1
8:15 AM - 9:15 AM

Moderators:
William Chapman, MD, FACS, Washington University School of Medicine, St. Louis, MO, USA
Deepali Kumar, MD, MSc, FRCPC, FAST, University of Toronto, Toronto, ON, Canada

8:15 AM - 8:20 AM
Welcome
Andrew Adams, MD, PhD, University of Minnesota Medical Center Fairview, Minneapolis, MN, USA

8:15 AM - 8:20 AM
Welcome
Linda Sher, MD, University of Southern California Keck School of Medicine, Los Angeles, CA, USA

8:15 AM - 8:30 AM
Long-Term Nationwide Outcomes of Solid Organ Transplantation from Covid Positive Donors in the United States

8:30 AM - 8:45 AM
Single Cell Transcriptomic Analysis of Renal Allograft Rejection Reveals Novel Insights Into Intra-Graft TCR Clonality
T. Shi1, A. Burg1, J. T. Caldwell1, K. M. Roskin1, J. Rush2, B. Haraldsson2, A. Shields3, R. Alloway3, E. S. Woodle3, D. Hildeman1, 1Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, 2Novartis, Basel, Switzerland, 3University of Cincinnati, Cincinnati, OH

8:45 AM - 9:00 AM
Race-Free eGFR Equation in Kidney Recipients: A Development and Validation Study (Nct05229939)
Nankivell, S. Bakker, N. Kamar, H. Wadei, G. Remuzzi, C. Lefaucheur, A. Bentall, A. Loupy, for the eGFR Equations in Kidney Transplantation Consortium, Paris, France

9:00 AM - 9:15 AM
Perturbation of the Immunomodulatory Properties of Lymphatic Vessels is a Feature of Chronic Rejection in Human Kidney Transplants
D. J. Jafree¹, R. Motallebzadeh¹, M. R. Clatworthy², D. A. Long¹, ¹University College London, London, United Kingdom, ²University of Cambridge, Cambridge, United Kingdom

Sponsor Networking
9:15 AM - 9:55 AM

Program Topic: All Topics
Sponsor Networking
Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hors D’oeuvres will be served.

Product Theaters
9:15 AM - 9:45 AM

Program Topic: All Topics
Product Theater Sponsored by AstraZeneca
Product Theater: Expanding the Role of Exosomes in Grafted Kidney Monitoring Sponsored by One Lambda

These product theaters are not part of the ATC official educational program and the sessions and content are not endorsed by ATC.

These are open to all registered ATC attendees and there is no separate registration fee to attend.

Poster Session B
9:15 AM - 9:55 AM

Program Topic: All Topics
Poster Session B Presenters in Attendance
- **Basic Science**: Histocompatibility and Immunogenetics
- **Basic Science**: Immunosuppression & Tolerance: Preclinical & Translational Studies
- **Basic Science**: Infection and Immunity: Basic
- **Basic Science**: Innate Immunity; Chemokines, Cytokines, Complement
- **Infectious Disease**: Kidney Specific Infections Including Polyoma Virus
- **Infectious Disease**: Liver Specific Including Viral Hepatitis
- **Kidney**: Kidney Deceased Donor Allocation
- **Kidney**: Kidney Deceased Donor Selection
- **Kidney**: Kidney Immunosuppression: Desensitization
- **Kidney**: Kidney Immunosuppression: Induction Therapy
- **Kidney**: Kidney Immunosuppression: Novel Regimens and Drug Minimization
- **Liver**: Kidney Issues in Liver Transplantation
- **Liver**: Large Data and Artificial Intelligence
- **Liver**: Living Donor Liver Transplant and Partial Grafts
- **Heart**: Heart and VADs: All Topics
- **Organ Inclusive**: Non-Organ Specific: Disparities to Outcome and Access to Healthcare
- **APP**: Clinical Practice
- **APP**: Research / QI
- **All Topics**: Clinical Trials

AST Presidential Introduction & Address
9:55 AM - 10:25 AM

AST Presidential Introduction & Address

9:55 AM - 10:05 AM
Introduction
John Gill, MD, MS, University of British Columbia, Vancouver, BC, Canada
10:05 AM - 10:25 AM
AST Presidential Introduction & Address
Deepali Kumar, MD, MSc, FRCPC, FAST, University of Toronto, Toronto, ON, Canada

Break
11:55 AM - 12:15 PM

Sponsored Satellite Symposia
12:15 PM - 1:15 PM

Program Topic: All Topics
Making the Case for Novel Assays, Balancing the Risk of Infection and Rejection Supported by Eurofins Transplant Diagnostics
Management of Hepatorenal Syndrome Acute Kidney Injury for the Liver Transplant Team Supported by an independent educational Grant from Mallinckrodt
Proactive with Prospera: How New Surveillance Data Supports dd-cfDNA as a Prognostic Biomarker for Earlier Kidney Rejection Assessment Supported by Natera

Symposia will take place at the Manchester Grand Hyatt Hotel. These symposia are not part of the ATC official educational program, and the sessions and content are not endorsed by ATC.

These are open to all registered ATC attendees and there is no separate registration fee to attend.

Meet the Expert Sessions
12:15 PM - 1:15 PM

Program Topic: Public Policy and Regulatory Issues
Cost, Complexity, and Carbon: Views on the Changing Landscape of Liver Acquisition

12:15 PM - 1:15 PM
Moderators:
Majella Doyle, MD, MBA, Washington University School of Medicine, St. Louis, MO, USA
Marwan Abouljoud, MD, Henry Ford Hospital, Detroit, MI, USA
12:15 PM - 12:30 PM
The Cost of Liver Acquisition Versus Reimbursement for Liver Transplantation
Jayme Locke, MD, MPH, FACS, FAST, University of Alabama at Birmingham Heersink School of Medicine, Birmingham, AL, USA

12:30 PM - 12:45 PM
The Complexity of Liver Acquisition: Workload Burden on Transplant Centers
Anji Wall, MD, PhD, Baylor University Medical Center, Dallas, TX, USA

12:45 PM - 1:00 PM
The Carbon Cost of Broader Sharing in Liver Transplantation
James Trotter, MD, Baylor Dallas, Dallas, TX, USA

1:00 PM - 1:15 PM
Q&A

Program Topic: Professional Development
Promoting Equity for Women in Healthcare: The Role of the Mentor/Mentee Relationship

12:15 PM - 1:15 PM
Moderators:
Nicole Alvey, PharmD, BCPS, BCTXP, FAST, Rush University Medical Center, Chicago, IL, USA
Vineeta Kumar, MD, University of Alabama at Birmingham Hospital, Birmingham, AL, USA

12:15 PM - 1:15 PM
Promoting Equity for Women in Healthcare: The Role of the Mentor/Mentee Relationship
Manpreet Samra, MD, MBA, Edward Hines Jr. VA Hospital, Chicago, IL, USA

12:15 PM - 1:15 PM
Promoting Equity for Women in Healthcare: The Role of the Mentor/Mentee Relationship
Elizabeth Aby, MD, University of Minnesota, Minneapolis, MN, USA

Program Topic: Lung
Heads or Tails: The Paradigms of COVID-Associated Lung Failure

12:15 PM - 1:15 PM
Moderators:
Ishna Poojary-Hohman, MD, Ochsner Multi-Organ Transplant Institute, New Orleans, LA, USA
Norihisa Shigemura, MD, PhD, Temple University and Lewis Katz School of Medicine, Philadelphia, PA, USA

12:15 PM - 12:30 PM
Are They in the Same League: Pathophysiology of COVID versus Other Viral Induced Lung Failure
Marlene Cano, MD, PhD, Washington University, Saint Louis, MO, USA

12:30 PM - 12:45 PM
Repair: Medical Therapies for Irreversible Lung Failure Due to COVID
Marie Budev, DO, MPH, Cleveland Clinic, Cleveland, OH, USA

12:45 PM - 1:00 PM
Replace: Outcomes and Dilemmas in Lung Transplant for COVID-19
Soma Jyothula, MBBS, UT Health Houston, Houston, TX, USA

1:00 PM - 1:15 PM
Q&A

Program Topic: Pediatric
Is Obesity a Contra-Indication for Pediatric Transplantation

12:15 PM - 1:15 PM
Moderators:
Andre Dick, MD, MPH, Seattle Children’s Hospital and the University of Washington, Seattle, WA, USA
Jaimie Nathan, MD, Nationwide Children’s Hospital, Columbus, OH, USA

12:15 PM - 12:30 PM
Obesity in Children on the Pediatric Transplant Weight List
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
1:30 PM - 2:30 PM
Moderators:
Esther Benamu, MD, University of Colorado, Denver, CO, USA
Jonathan Hand, MD, Ochsner Medical Center, New Orleans, LA, USA

1:30 PM - 1:45 PM
Setting the Stage: Common Infections in SOT Recipients
Rachel Bartash, MD, Montefiore Medical Center, Bronx, NY, USA

1:45 PM - 2:00 PM
Pro: Why Shorter is Better
Marcus Pereira, MD MPH, NewYork-Presbyterian/Columbia University Medical Center, New York, NY, USA

2:00 PM - 2:15 PM
Con: Is it Better to Safe than Sorry?
Jonathan Hand, MD, Ochsner Medical Center, New Orleans, LA, USA

2:15 PM - 2:20 PM
Rebuttal: Pro

2:20 PM - 2:25 PM
Rebuttal: Con

2:25 PM - 2:30 PM
Q&A

Program Topic: Psychosocial and Ethics
Ethical Concerns in Pig to Human Xenotransplantation

1:30 PM - 2:30 PM
Moderators:
Lynn Cornell, MD, Mayo Clinic, Rochester, MN, USA
Olivia Kates, MD, MA, Johns Hopkins University, Baltimore, MD, USA

1:30 PM - 1:45 PM
Patient-focused: Potential Infectious Disease Complications of Xenotransplantation
Andrea Boggild, BSc, MSc, MD, DTMH, FRCPC, DipABLM, University of Toronto, Toronto, ON, ON, Canada

1:45 PM - 2:00 PM
Impact of Xenotransplantation Beyond the Recipient: The Community and the Public
Carrie Thiessen, MD, PhD, University of Wisconsin Madison, Madison, WI, USA

2:00 PM - 2:15 PM
Ethical Arguments in Favor of Continued and Expanded Xenotransplantation Research
Megan Sykes, MD, Columbia Center for Translational Immunology, New York, NY, USA

2:15 PM - 2:30 PM
Ethical Concerns With Continued Xenotransplantation Research, and Some Ethical Preferable Alternatives
L Syd Johnson, PhD, SUNY Upstate Medical University, Syracuse, NY, USA

Program Topic: Heart
Does Rejection Surveillance Still Need to be a Pain in the Neck?

1:30 PM - 2:30 PM
Moderators:
Josef Stehlik, MD, MPH, University of Utah, Salt Lake City, UT, USA
Johanna Contreras, MD, MSc, Mount Sinai Hospital, New York, NY, USA

1:30 PM - 1:45 PM
True Blood: Rejection Surveillance Modalities - An Overview
Priya Umapathi, MD, Johns Hopkins, Baltimore, MD, USA

1:45 PM - 2:00 PM
Pro: Shine the Light on Dracula!
Shelley Hall, MD, Heart Place and Baylor, Dallas, TX, USA

2:00 PM - 2:15 PM
Con: We Vampires Never Die!
Howard Eisen, MD, Penn State/Hershey Medical Center, Hershey, PA, USA

2:15 PM - 2:20 PM
Rebuttal: Pro

2:20 PM - 2:25 PM
Rebuttal: Con

2:25 PM - 2:30 PM
Q&A
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td><strong>Program Topic: Kidney</strong></td>
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<tr>
<td>1:30 PM - 2:30 PM</td>
<td>Pitfalls, Complexities, and Inapparent Consequences of the Use of the eGFR Metric in Transplant Studies</td>
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<td>Moderators:</td>
<td>Roslyn Mannon, MD, FAST, University of Nebraska Medical Center, Omaha, NE, USA</td>
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<td>Jennifer Wainright, PhD, United Network for Organ Sharing, Richmond, VA, USA</td>
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<tr>
<td>1:30 PM - 1:45 PM</td>
<td>How eGFRs Obscure Outcomes in Transplant Studies</td>
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<td>Robert Steiner, MD, University of California San Diego Medical Center, La Jolla, CA, USA</td>
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<tr>
<td>1:45 PM - 2:00 PM</td>
<td>How Are eGFRs Derived and What Are They For?</td>
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<td>Adnan Khan, MD, FASN, FNKF, University of California San Diego, San Diego, CA, USA</td>
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<tr>
<td>2:00 PM - 2:15 PM</td>
<td>The Many Legitimate Uses of eGFRs in Transplant Studies</td>
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<td>Daniel Brennan, MD, FACP, Johns Hopkins Medical Institute, Baltimore, MD, USA</td>
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<td>2:15 PM - 2:30 PM</td>
<td>Q&amp;A</td>
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<td><strong>Program Topic: Liver</strong></td>
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<tr>
<td>1:30 PM - 2:30 PM</td>
<td>Hepatocellular Carcinoma in Patients with Fontan Associated Liver Disease and Congenital Heart Disease</td>
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<td>Moderators:</td>
<td>George Lui, MD, Stanford, Stanford, CA, USA</td>
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<td>Daniel Ganger, MD, Northwestern, Chicago, IL, USA</td>
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<td>1:30 PM - 1:45 PM</td>
<td>Incidence and Diagnosis of HCC in Patients with Congenital Heart Disease and Fontan Associated Liver Disease</td>
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<td>Amit Singal, MD MS, UT Southwestern, Dallas, TX, USA</td>
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<tr>
<td>1:45 PM - 2:00 PM</td>
<td>Challenges of Intraoperative Planning and Management</td>
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<td>Clark Bonham, MD, Stanford University Medical Center, Palo Alto, CA, USA</td>
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<tr>
<td>2:00 PM - 2:15 PM</td>
<td>Combined Heart-Liver Transplantation in Patients with HCC and Congenital Heart Disease</td>
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<td>Alexandra Shingina, MDCM, Vanderbilt University Medical Center, Nashville, TN, USA</td>
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<td>2:15 PM - 2:30 PM</td>
<td>Q&amp;A</td>
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Program Topic: Advanced Practice Provider & Infectious Disease

ID Challenges for the APP

1:30 PM - 2:30 PM
Moderators:
Rachel Marino, CRNP-AC, Johns Hopkins Hospital, Baltimore, MD, USA
Heather Perry, AGNP-C, University of North Carolina Medical Center, Chapel Hill, NC, USA

Looking for Zebras: Assessing for Atypical Infections After Transplant
Jessica Doiron, DNP, ANP-BC, RN, Washington University School of Medicine, Kirkwood, MO, USA

Tough Bugs: Multi-drug Resistant Organisms and Treatment Strategies
Carrie Chamberlain Penny, ACNP-BC, Johns Hopkins University, Baltimore, MD, USA

Barriers, Strategies, and Interventions to Address Underimmunization in Transplant Recipients
Kristen Ryland, MSN, APRN, AGNP-BC, RD, Mayo Clinic, Jacksonville, FL, USA

Program Topic: Pharmacy

10 Year Update on the Role of the Transplant Pharmacist

1:30 PM - 2:30 PM
Moderators:
Marie Chisholm-Burns, PharmD, PhD, MPH, MBA, Oregon Health & Science University, Portland, OR, USA
David Taber, PharmD, MS, Medical University of South Carolina, Charleston, SC, USA

1:30 PM - 1:45 PM
Transplant Pharmacy 10 Years ago
Rita Alloway, Pharm D, FCCP, University of Cincinnati College of Medicine, Cincinnati, OH, USA

1:45 PM - 2:00 PM
How Transplant Pharmacy Has Evolved
Barrett Crowther, PharmD, BCPS, FCCP, FAST, University of Colorado Health, Aurora, CO, USA

Where is Transplant Pharmacy Headed
Elizabeth Cohen, PharmD, Yale New Haven Hospital, New Haven, CT, USA

Program Topic: Non Use

Optimizing use of Organ Understanding Rates of Non-utilization and Opportunities for Change

1:30 PM - 2:30 PM
Moderators:
Pooja Budhiraja, MD, Mayo Clinic, Phoenix, AZ, USA
Ryutaro Hirose, MD, University of California San Francisco, San Francisco, CA, USA

Why Have Kidney Non Utilization Rates Sharply Increased Since 2021?
Nicholas Wood, PhD, Hennepin Healthcare Research Institute, Minneapolis, MN, USA

Lung Utilization, Current Status, and Opportunities to Reduce Non Use
Ramiro Fernandez, MD, Baylor College of Medicine, Houston, TX, USA

Novel Strategies to Minimize Liver Non Use
Shimul Shah, MD, MHCM, University of Cincinnati, Cincinnati, OH, USA

Program Topic: Translational

Implementation of Human Clinical Trials for Xenotransplantation

1:30 PM - 1:45 PM
Transplant Pharmacy 10 Years ago
Rita Alloway, Pharm D, FCCP, University of Cincinnati College of Medicine, Cincinnati, OH, USA

1:45 PM - 2:00 PM
How Transplant Pharmacy Has Evolved
Barrett Crowther, PharmD, BCPS, FCCP, FAST, University of Colorado Health, Aurora, CO, USA

2:00 PM - 2:15 PM
Where is Transplant Pharmacy Headed
Elizabeth Cohen, PharmD, Yale New Haven Hospital, New Haven, CT, USA
2:15 PM - 2:30 PM
Q&A
1:30 PM - 2:30 PM
Moderators:
Adam Griesemer, MD, NYU Langone Health, New York, NY, USA
Brendan Parent, JD, New York University Langone Health, New York, NY, USA

1:30 PM - 1:45 PM
Designing and Implementing Human Clinical Trials in Xenotransplantation
Robert Montgomery, MD, DPhil, FACS, New York University Langone Transplant Institute, New York, NY, USA

1:45 PM - 2:00 PM
Infectious Diseases Surveillance in Human Clinical Trials in Xenotransplantation
Jay Fishman, MD, Massachusetts General Hospital - Harvard Medical School, Boston, MA, USA

2:00 PM - 2:15 PM
Regulatory and Scientific Preparation for Human Clinical Trials in Xenotransplantation
Alfred Tector, MD, PhD, FACS, University of Miami Miller School of Medicine, Miami, FL, USA

2:15 PM - 2:30 PM
Q&A

Sponsor Networking
2:30 PM - 3:00 PM

Program Topic: All Topics
Sponsor Networking

Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hors D’oeuvres will be served.

Poster Session B
2:30 PM - 3:00 PM

Program Topic: All Topics
Poster Session B Presenters in Attendance

• Basic Science: Histocompatibility and Immunogenetics
• Basic Science: Immunosuppression & Tolerance: Preclinical & Translational Studies
• Basic Science: Infection and Immunity: Basic
• Basic Science: Innate Immunity; Chemokines, Cytokines, Complement
• Infectious Disease: Kidney Specific Infections Including Polyoma Virus
• Infectious Disease: Liver Specific Including Viral Hepatitis
• Kidney: Kidney Deceased Donor Allocation
• Kidney: Kidney Deceased Donor Selection
• Kidney: Kidney Immunosuppression: Desensitization
• Kidney: Kidney Immunosuppression: Induction Therapy
• Kidney: Kidney Immunosuppression: Novel Regimens and Drug Minimization
• Liver: Kidney Issues in Liver Transplantation
• Liver: Large Data and Artificial Intelligence
• Liver: Living Donor Liver Transplant and Partial Grafts
• Heart: Heart and VADs: All Topics
• Organ Inclusive: Non-Organ Specific: Disparities to Outcome and Access to Healthcare
• APP: Clinical Practice
• APP: Research / QI
• All Topics: Clinical Trials

Poster Chats Session 1
2:30 PM - 3:00 PM

Program Topic: Liver & Kidney

Liver, Kidney, and Organ Inclusive

2:30 PM - 3:00 PM
Moderator:
Talia Baker, MD, University of Utah Medical Center, Salt Lake City, UT, USA

2:30 PM - 2:40 PM
Machine Perfusion Protects Against Mortality and Graft Failure in Donation After Cardiac Death (dcd) Liver Transplant Recipients in the United States
Program Built in Pacific Time Zone

**K. Okumura, R. Misawa, A. Dhand, H. Sogawa, G. Veillette,**
S. Nishida, *Westchester Medical Center / New York Medical College, Valhalla, NY*

**2:40 PM - 2:50 PM**
Macrophage Polarization Induces Endothelium-to-Myofibroblast Transition in Chronic Allograft Dysfunction
Z. Wang, Z. Han, J. Tao, X. Ju, R. Tan, M. Gu, *Department of Urology, the First Affiliated Hospital of Nanjing Medical University, Nanjing, China*

**2:50 PM - 3:00 PM**
Development and Validation of a Multidimensional Prognostication System for Kidney Transplant Patient Survival: The Mortality Mbox

**Focus in Transplantation**
**3:00 PM - 5:30 PM**

**Program Topic: Basic Science & Infectious Disease**

**Program Topic: Basic Science & Infectious Disease**

**2:30 PM - 3:00 PM**
Moderator:
Satish Nadig, MD, PhD, Northwestern University, Chicago, IL, USA

**2:30 PM - 2:40 PM**
ILC2s Constrain Alloreactive CD4+ T Cells Through MHCII Mediated Allo-Antigen Presentation in Mouse Heart Transplant
J. Ge1, W. Pan2, D. Modlin2, I. Zanoni2, J. F. Markmann3, A. G. Cuenca2, 1Shanghai General Hospital, Shanghai, China, 2Boston Children’s Hospital, Boston, MA, 3Massachusetts General Hospital, Boston, MA

**2:40 PM - 2:50 PM**
Molecular Mapping of Nk Like Cd8 T Cell Atlas in Kidney Transplantation
A. Sun, H. C. Pickering, S. Sen, R. Parmar, E. F. Reed, *University of California Los Angeles, Los Angeles, CA*

**2:50 PM - 3:00 PM**
The Learning Curve of Covid-19 and Organ Donation: Potential Missed Opportunities in the Covid Era
J. R. Zhang1, M. Mujtaba1, H. Wagenhauser2, Y. Chapman2, T. Engebretsen1, H. L. Stevenson1, S. A. Hussain1, M. Kueht1, 1University of Texas Medical Branch, Galveston, TX, 2Southwest Transplant Alliance, Dallas, TX

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

**Moderators:**
Maria-Luisa Alegre, MD, PhD, University of Chicago, Chicago, IL, USA
Jamil Azzi, MD, Harvard, Boston, MA, USA

**3:00 PM - 3:20 PM**
Tissue-resident Memory T Cells in Transplantation Tolerance
Megan Sykes, MD, Columbia University, New York, NY, USA

**3:20 PM - 3:40 PM**
T Cell Exhaustion in Transplant Survival
Paolo Cravedi, MD, Mount Sinai, New York, NY, USA

**3:40 PM - 4:00 PM**
Innate Allorecognition and Memory in Transplantation
Xian Li, MD, PhD, Houston Methodist, Houston, TX, USA

**4:00 PM - 4:10 PM**
Q&A

**4:10 PM - 4:20 PM**
Break

**4:20 PM - 4:40 PM**
The Effects of Interferon-beta on T Cells in Transplant
Miguel Fribourg, Assistant Professor, Icahn School of Medicine at Mount Sinai, New York, NY, USA

**4:40 PM - 5:00 PM**
T Cell Memory and Transplant Survival
Mandy Ford, PhD, Emory University, Atlanta, GA, USA

**5:00 PM - 5:20 PM**
Implications of TIGIT+ Human Memory B Cells in Immune Regulation
SangKon Oh, PhD, Mayo Clinic, Phoenix, AZ, USA

**5:20 PM - 5:30 PM**
Q&A
**B-cell / Antibody / Autoimmunity**

3:00 PM - 4:20 PM
Moderators: Idelberto Badell, MD, Emory University School of Medicine, Atlanta, GA, USA
Jean Kwun, DVM, PhD, Duke Transplant Center, Durham, NC, USA

**3:00 PM - 3:10 PM**
Lymph Node Fibroblastic Reticular Cells Regulate Alloantibody Through Laminin α4
L. Li1, A. Kensiski1, L. Wu1, M. Willson-Shirkey1, W. Piao1, S. Gavzy1, Y. Lee1, R. Abdi2, J. Bromberg1, Surgery, University of Maryland, Baltimore, Baltimore, MD, 1Brigham & Womens Hosp, Boston, MA

**3:10 PM - 3:20 PM**
Graft-Infiltrating Plasma Cells in Human Cardiac Allograft Vasculopathy Target Bilirubin Accumulating in the Rejected Heart
S. See1, T. Aguilar2, S. Mashiko2, M. Dietzel2, H. Cordero2, P. Roy3, C. Marboe2, M. Farr2, S. Restaino2, Y. Naka3, K. Takeda1, J. Madsen3, N. Patel3, K. Clerkin2, R. G. King2, E. Kransdorf2, E. Zorn1, Columbia University Medical Center, New York, NY, 2Columbia University Irving Medical Center, New York, NY, 3New York Presbyterian Hospital, New York, NY, 4Massachusetts General Hospital, Boston, MA, 5Cedars Sinai, Los Angeles, CA, 6University of Alabama, Birmingham, AL, 7Cedars-Sinai Heart Institute, Beverly Hills, CA

**3:20 PM - 3:30 PM**
Peritoneal Cavity B Cells Exhibit Suppressive Properties in Indirect Pathway T Cell Responses
T. Mochizuki, Y. Tanaka, R. Ide, R. Nakano, H. Sakai, N. Tanimine, H. Tahara, M. Ohira, K. Ide, H. Ohdan, Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan

**3:30 PM - 3:40 PM**
Influence of TNF-α on in Vitro Induced Regulatory B Cells
Q. Fu1, K. M. Lee1, K. Deng1, M. Liao1, J. Lei1, G. Zhao2, H. Yang3, C. LeGuern1, S. Deng2, J. F. Markmann1, Center for Transplantation Sciences, MGH, Boston, MA, 2Sichuan Provincial People’s Hospital, Chengdu, China

**3:40 PM - 3:50 PM**
Notch2+ Marginal Zone B Cell Depletion Decreases Antigen Shuttle to Follicular Dendritic Cells and Reduces Alloantibody Production
R. Benedetti Gassen1, T. Borges2, C. Magee3, N. Murakami4, L. Riella5, Massachusetts General Hospital, Charlestown, MA, 2Massachusetts General Hospital, Boston, MA, 3Brigham & Women’s Hospital, Boston, MA, 4Brigham and Women’s Hospital, Brookline, MA, 5Harvard Medical School, Boston, MA

**3:50 PM - 4:00 PM**
Complement 5 Regulation Ameliorates Antibody-Mediated Rejection After Liver Transplantation in Rats
T. Tajima1, K. Hata2, J. Kusakabe1, H. Miyauchi1, S. Kageyama1, X. Zhao2, T. Okamoto3, S. Kim2, Y. Wang2, T. Tsuruyama3, J. Badshah4, T. Watanabe5, S. Uemoto1, E. Hatano1, HBP Surgery and Transplantation, Kyoto University, Kyoto, Japan, 2Alexion Pharmaceuticals Inc., New Haven, CT, 3Center for Anatomical, Pathological, and Forensic Medical Research, Kyoto University, Kyoto, Japan, 4Abdominal Transplantation, Stanford University, Stanford, CA, 5Institute for Frontier Life and Medical Sciences, Kyoto University, Kyoto, Japan

**4:00 PM - 4:10 PM**
Impact of Desensitization Therapy with Isatuximab on Circulating HLA-Specific Memory B Cells in Highly Sensitized Patients Waitlisted for Kidney Transplantation
A. Torija1, D. Kervella1, L. Donadeu1, M. Meneghini1, E. Crespo1, F. Moreso1, J. Cruzado2, R. Buchli3, F. Vincenti4, A. Brar1, A. Tambur5, M. Stegall1, H. Lee7, M. Dudek7, G. Abbadessa8, O. Bestard1, Translational Transplant Center, Vall D’Hebron University Hospital, Barcelona, Spain, 2Bellvitge University Hospital, Barcelona, Spain, 3Pure Protein, LLC, Oklahoma City, OK, 4University of California San Francisco, San Francisco, CA, 5Northwestern University, Chicago, IL, 6Mayo Clinic, Rochester, MN, 7Sanofi, Cambridge, MA, 8Sanofi, Cambridge, MA

**4:10 PM - 4:20 PM**
CD40 Deficiency Worsens Kidney Injury in Vivo and Causes Podocyte Apoptosis
P. Rashmi1, T. Sigdel1, S. Agarwal2, S. Yaswanth2, D. Rychkov1, I. Damm1, A. Da Silva3, F. Vincenti4, C. Craik4, J. Reiser5, M. Sarwal5, UCSF, San Francisco, CA, 2Rush University Medical Center, Chicago, IL, 3Flemington Federal University, Fluminense University, Niterói, Brazil, University of California
**Program Topic: Kidney**

**Kidney: Acute Rejection**

**3:00 PM - 4:20 PM**
Moderators:
RAJIL MEHTA, MD, FASN, UPMC, Pittsburgh, PA, USA
Arpita Basu, MD, MPH, Emory Healthcare, Atlanta, GA, USA

**3:00 PM - 3:10 PM**
Clinical and Molecular Spectrum of V-Lesion
A. Buxeda¹, M. Pérez-Sáez¹, B. Chamoun², J. Gimeno², I. Torres², J. Pascual³, M. Mengel⁴, B. Adam⁴, M. Crespo¹,
¹Hospital del Mar, Barcelona, Spain, ²Hospital Universitario Vall d’Hebron, Barcelona, Spain, ³Hospital Universitario 12 de Octubre, Madrid, Spain, ⁴University of Alberta, Edmonton, AB, Canada

**3:10 PM - 3:20 PM**
The Spectrum of Molecular Rejection in the Prevalent Kidney Transplant Population: A New Analysis of 5087 Biopsies
P. F. Halloran¹, J. Reeve¹, K. S. Madill¹, .. and the INTERCOMEX Study Group², ¹ATAGC, Edmonton, AB, Canada, ², .., AB, Canada

**3:20 PM - 3:30 PM**
Decoding the Fate of Early Acute TCMR After Renal Transplantation
C. Elias, H. Karimi, T. Yamada, S. Hariharan, K. Abou-Daya, A. Cherukuri, UPMC, Pittsburgh, PA

**3:30 PM - 3:40 PM**
Accurate Histologic Diagnoses of Antibody-Mediated Rejection Can Be Made Using Lesions but without DSA or C4d
M. L. Sikosana¹, J. Reeve², P. F. Halloran², ¹Medicine, Division of Nephrology and Transplant Immunology, University of Alberta, Edmonton, AB, Canada, ²ATAGC, Edmonton, AB, Canada

**3:40 PM - 3:50 PM**
Transcriptional Heterogeneity of T-Cell Mediated Rejection in Human Kidney Transplantation
O. W. Stephens¹, J. O. Napier¹, S. M. Coley², ¹Multiplex Imaging Center, Arkana Laboratories, Little Rock, AR, ²Transplant Translational Research, Arkana Laboratories, Little Rock, AR

**3:50 PM - 4:00 PM**
The Role of the Molecular Microscope and Donor Derived Cell Free DNA to Guide Therapy for T-Cell Mediated Rejection in Kidney Transplants
D. Kumar¹, I. Moinuddin¹, N. Raju¹, K. Qu², W. Tian², G. Gupta¹, ¹VCUHealth, Richmond, VA, ²CareDx, Brisbane, CA

**4:00 PM - 4:10 PM**
Bystander Activation but Not Heterologous Immunity Drives Susceptibility to Allograft Rejection in Patients with High Frequencies of Preformed Donor-Reactive Memory T Cells
I. B. Torres, E. Crespo, M. Meneghini, J. Zúñiga, L. Donadeu, M. Juvé, N. Toapanta, D. Kervella, J. Sellares, F. Moreso, O. Bestard, Translational Transplant Center, Vall D’Hebron University Hospital, Barcelona, Spain

**4:10 PM - 4:20 PM**
Landscape of T-Cell Mediated Rejection Response to Treatment After Kidney Transplantation
G. Divard¹, S. Nasri¹, O. Aubert¹, M. Raynaud¹, A. Del Bello², N. Kamar², C. Lefaucheur¹, A. Loupy¹, ¹Paris Transplant Group, Paris, France, ²CHU de Toulouse, Toulouse, France

**Program Topic: All Topics**

**Late Breaking Abstracts: Clinical**

**3:00 PM - 4:20 PM**
Moderators:
Elizabeth Verna, MD, MS, Columbia University, New York, NY, USA
Darshana Dadhania, MD, Weill Cornell Medicine - NYPH, New York, NY, USA

**3:00 PM - 3:10 PM**
Posoleucel for BKV Infection in Kidney Transplant Patients: Final Results from Randomized, Placebo-Controlled Phase 2 Trial
A. Chandraker¹, A. Regmi², R. Gohh³, A. Sharma⁴, S. E. Woodle⁵, M. J. Ansari⁶, V. Nair⁷, L. Chen⁸, T. Alhamad⁸, S. Norman⁹, F. Cardarelli¹⁰, J. Ma¹¹, S. Gilmore¹¹, S. Vasileiou¹¹, D. Wojciechowski¹², ¹Brigham and Women’s Hospital, Boston, MA, ²Inova Transplant Center, Falls Church, VA, ³Rhode Island Hospital, Providence, RI, ⁴University of Pittsburgh Medical Center, Pittsburgh, PA, ⁵University of Cincinnati, Cincinnati, OH, ⁶Northwestern
3:10 PM - 3:20 PM
Pilot Study of a Prophylactic 2-week Direct Acting Antiviral Course for Recipients of Hepatitis C Viremic Kidneys


3:20 PM - 3:30 PM
Would You Accept the Same Offer Twice?

A. Toll1, S. Weiss1, J. Foutz1, G. Gupta2, D. E. Stewart3, 1Research, United Network for Organ Sharing, Richmond, VA, 2VCU Health, Richmond, VA, 3Surgery, NYU Langone Health, New York, NY

3:30 PM - 3:40 PM
Increasing Access to Living Donor Transplants by Overcoming Barriers to Recipients Identifying a Living Donor

N. M. Ali1, R. Layman2, K. Cartiera3, J. Kelly4, 1Transplant Institute, NYU Langone Health, New York, NY, 2NYU Langone Health, New York, NY, 3Montefiore Medical Center, Bronx, NY

3:45 PM - 3:55 PM
Liver Immunosuppression Free Trial (LIFT): Outcomes of the First Biomarker-Guided Immunosuppression Withdrawal Trial in Adult Liver Transplant Recipients

J. Vionnet1, R. Miquel2, A. Douiri3, M. Delord4, E. Kodela5, J. Wall6, E. Bonaccorsi-Riani7, J. Leithead8, W. Gelson9, A. Marshall5, M. Navasa10, P. Ruiz11, J. Ferguson12, K. Simpson13, D. Eurich3, E. Jaecckel4, R. Taubert7, P. Tachtatzis11, F. Nevens12, S. Masson13, A. Sanchez-Fueyo1, ‘King’s College London, London, United Kingdom, 2King’s College Hospital, London, United Kingdom, 3Cliniques universitaires Saint-Luc, Brussels, Belgium, 4Addenbrooke’s Hospital, Cambridge, United Kingdom, 5Royal Free Hospital, London, United Kingdom, 6Hospital Clinic, Barcelona, Spain, 7Queen Elizabeth Hospital, Birmingham, United Kingdom, 8Edinburgh Royal Infirmary, Edinburgh, United Kingdom, 9Charité, Berlin, Germany, 10Medizinische Hochschule Hannover, Hannover, Germany, 11Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom, 12University Hospital KU Leuven, Leuven, Belgium, 13Newcastle Upon Tyne Hospitals NHS Foundation Trust, Newcastle, United Kingdom

3:55 PM - 4:00 PM
10-year Follow-Up Cohort of the Everolimus versus Azathioprine Multi-National Prospective Study Focusing on Intravascular Ultrasound Finding

I. Kim1, R. Starling2, E. Passano3, J. Mirocha4, P. Bernhardt5, B. Azarbal6, R. Cheng5, F. Esmailian5, K. Khush6, D. Mancini7, J. Patel8, T. Sato3, S. Varnous8, J. A. Kobashigawa9, Keimyung University Dongsan Hospital, Daegu, Korea, Republic of, 2Cleveland Clinic, Cleveland, OH, 3Cedars-Sinai Heart Institute, Los Angeles, CA, 4+, 5+, 6+, 7+, 8+, AL, 9University of Washington, Seattle, WA, 1Stanford University School of Medicine, Stanford, CA, 1Mount Sinai Hospital, New York, NY, 2Cedars-Sinai Smidt Heart Institute, Los Angeles, CA

4:00 PM - 4:10 PM
Immunomodulatory Microporous Annealed Particle (MAP) Gel Improves Whole or Dissociated Islet Transplantation

M. Ma1, C. Roosa2, D. Griffin3, K. L. Brayman4, P. Chhabra5, 1Department of Surgery, University of Virginia, Charlottesville, VA, 2Department of Biomedical Engineering, University of Virginia, Charlottesville, VA

Program Topic: Infectious Disease

Infections in Liver Transplantation and Viral Hepatitis

3:00 PM - 4:20 PM
Moderators:
Karen Doucette, MD, MSc, FRCPC, DRCPS (SOT), FAST, University of Alberta, Edmonton, AB, Canada
Zachary Dietch, MD MBA, Northwestern University, Chicago, IL, USA

3:00 PM - 3:10 PM
Trends and Outcomes of Liver Transplantation in Human Immunodeficiency Virus (hiv) Recipients

K. Okumura, R. Misawa, H. Sogawa, G. Veillette, S. Nishida, A. Dhand, Surgery, Westchester Medical Center / New York Medical College, Valhalla, NY

3:10 PM - 3:20 PM
Glecaprevir/Pibrentasvir Compared to Sofosbuvir/Velpatasvir for the Treatment of HCV in HCV Negative Recipients Who Received HCV NAT Positive Kidneys

J. Papanikolla1, H. Winters1, L. Sobotka2, M. Wellner2, T.
Pesavento1, N. Singh2, M. Chunduru3, R. Smith3, A. Nolan1,  
1The Ohio State University Wexner Medical Center,  
Columbus, OH, 2Gastroenterology, Hepatology and  
Nutrition, The Ohio State University Wexner Medical  
Center, Columbus, OH, 3The Ohio State University,  
Columbus, OH, 4Vanderbilt University Medical Center,  
Nashville, TN

3:20 PM - 3:30 PM  
Active HCV Infection at the Time of Liver Transplant  
Results in Decreased Graft Failure and Increased  
Incidence of Complications After Liver Transplant  
Y. Shah1, G. PanayotovaJ, F. Faybusovich, S. Simonishvili,  
Y. Qin, T. Ayorinde, T. Zoumpou, L. Jin, F. Paterno, A.  
Amin, G. Lee-Riddle, J. V. Guerrera, K. E. Lunsford,  
Surgery, Rutgers New Jersey Medical School, Newark, NJ

3:30 PM - 3:40 PM  
Hepatitis C Viremia After Liver Transplant from Antibody-  
Positive and Nucleic Acid Testing-Negative Donors to  
Nonviremic Recipients  
J. I. Kim, S. Patel, J. Stern, A. Torres-Hernandez, A.  
Griesemer, D. Segev, K. Halazun, A. Massie, NYU, New  
York, NY

3:40 PM - 3:50 PM  
Standard versus Reduced-Dose Valganciclovir CMV  
Prophylaxis in High-Risk Liver Transplant Recipients  
J. Dann1, J. Geyston, D. Majmundar, S. Haywood, C.  
Shoemaker, S. Pelletier, B. Wentworth, UVA (University  
of Virginia) Health, Charlottesville, VA

3:50 PM - 4:00 PM  
Pre-Empptive Therapy for CMV in High-Risk Liver  
Transplant Recipients: A Real-World Application  
R. K. Sigler1, A. Humar2, C. Hughes3, F. Francis1, E. Kwak4,  
1University of Pittsburgh, Pittsburgh, PA, 2Thomas E Starzl  
Transplant Inst, Pittsburgh, PA, 3UPMC Montefiore,  
Pittsburgh, PA, 4Univ of Pittsburgh, Pittsburgh, PA

4:00 PM - 4:10 PM  
Efficacy and Safety of Accelerated versus Standard  
Hepatitis B Vaccine Schedule Among Kidney Transplant  
Candidate: A Randomized Controlled Trial  
J. Kitttrakulrat1, K. Tiankanan2, J. Vanichanan3, N.  
Townamchai4, 1Department of Medicine, King  
Chulalongkorn Memorial Hospital, Bangkok, Thailand,  
2Department of Nephrology, Bhumirajnaradindra Kidney  
Institute Hospital, Bangkok, Thailand, 3Department of  
Infectious Disease, King Chulalongkorn Memorial  
Hospital, Bangkok, Thailand, 4Department of Nephrology,  
King Chulalongkorn Memorial Hospital, Bangkok, Thailand

4:10 PM - 4:20 PM  
Abdominal Transplantation from Hcv-Viremic and Hcv/Hiv  
Co-Infected Donors to Recipients with Hiv Under the Hope  
Act  
S. Aslam1, S. Hussain2, B. Haydel3, S. Florman4, A. Gilbert5,  
M. Pereira6, N. Elias7, K. Mekeel8, G. Schnickel9, M. Shah9,  
v. Ajmera9, A. B. Massie10, D. Segev11, D. Segev11, C.  
Durand12, M. Rana13, 1University of California San Diego,  
San Diego, CA, 2Infectious Disease, Johns Hopkins  
University, Baltimore, MD, 3Mount Sinai Health System,  
New York City, NY, 4Mount Sinai Medical Center, New  
York, NY, 5Medstar Georgetown Transplant Institute,  
Washington, DC, 6New York Presbyterian Hospital, New  
York, NY, 7Massachusetts General Hospital, Milton, MA,  
8UC San Diego, San Diego, CA, 9UC San Diego, San Diego,  
CA, 10NYU Langone Health, New York, NY, 11NYU Langone  
Health, New York City, NY, 12Medicine, Johns Hopkins  
University, Baltimore, MD, 13Icahn School of Medicine at  
Mount Sinai, New York, NY

Program Topic: Lung  
Optimizing Lung Transplant Outcomes

3:00 PM - 4:20 PM  
Moderators:  
Maryam Valapour, MD, MPP, The Cleveland Clinic,  
Cleveland, OH, USA  
Wayne Tsuang, MD MHS, Cleveland Clinic, Cleveland, OH, USA

3:00 PM - 3:10 PM  
Development of a Machine Learning Model to Predict  
Textbook Outcomes in Lung Transplant Patients  
T. N. Ochoa1, L. Y. Tang2, W. Kneckt3e, K. Deshpande1, M.  
Gao2, M. Sendak2, S. Balu2, J. A. Klapper1, B. A. Bottiger3,  
L. Snyder4, M. Hartwig1, Duke University, Durham, NC,  
2Duke Institute for Health Innovation, Durham, NC,  
3Anesthesiology, Duke University Hospital, Durham, NC,  
4Medicine, Pulmonary, Duke University, Durham, NC

3:10 PM - 3:20 PM  
Proximal Esophageal Reflux: Important Predictor of  
Mortality Post-Lung Transplantation  
S. Z. Shah1, K. R. Devault2, L. A. Houghton3, A. S. Lee4,  
1Lung Transplantation, Mayo Clinic, JACKSONVILLE, FL,  
2Gastroenterology and Hepatology, Mayo Clinic,  
JACKSONVILLE, FL, 3Neurogastroenterology, University  
of Leeds, West Yorkshire, United Kingdom, 4Critical Care,  
Mayo Clinic, JACKSONVILLE, FL
3:20 PM - 3:30 PM
Waitlist and Post-Transplant Outcomes Among Lung Transplant Patients with COVID-19-Associated Pulmonary Diagnoses in the United States
T. G. Mupfudze, A. R. Fritz, R. R. Goff, M. Valapour, J. Miller, E. Lease, United Network for Organ Sharing, Richmond, VA, Cleveland Clinic, Cleveland, OH, Scientific Registry of Transplant Recipients, Minneapolis, MN, University of Washington, Seattle, WA

3:30 PM - 3:40 PM
Assessment of Antimetabolite Intolerance in Older Lung Transplant Recipients
H. Mreyoud, L. Fitzgerald, J. Park, E. Wilpula, E. Belloli, K. Walter, Michigan Medicine, Ann Arbor, MI

3:40 PM - 3:50 PM
A Randomized, Single-Center, Pilot Study of Telephonic Health Coaching for Caregivers of Thoracic Transplant Candidates
C. C. Kennedy, R. G. Sinclair, B. K. Johnson, K. R. Boehmer, J. M. Griffin, S. M. Dunlay, W. K. Kremers, R. Benzo, Division of Pulmonary, Critical Care, and Sleep Medicine, Mayo Clinic, Rochester, MN, Division of Clinical Trials and Biostatistics, Mayo Clinic, Rochester, MN, Health Care Delivery Research, Mayo Clinic, Rochester, MN, Cardiovascular Medicine, Mayo Clinic, Rochester, MN

3:50 PM - 4:00 PM
Staying on Beat: Use of Beta Blockers and Rate of Atrial Fibrillation in Post-Operative Lung Transplant
K. Bielaski, E. J. Henricksen, N. Narula, J. Villalpando Salazar, T. Liang, L. Chhatwani, D. Levine, G. Dhillon, J. W. MacArthur, R. Lee, Pharmacy, Stanford Medicine, Stanford, CA, Transplant, Stanford Medicine, Stanford, CA, Pulmonology, Stanford University, Stanford, CA, Cardiothoracic Surgery, Stanford Medicine, Stanford, CA, Stanford University, Stanford, CA, Cardiothoracic Surgery, Stanford University, Stanford, CA

4:00 PM - 4:10 PM
Landscape and Outcomes of Lung Transplantation in Recipients with Hiv

4:10 PM - 4:20 PM
Immune Outcomes of Lung Transplant Recipients with Different Cytochrome P450 (CYP) 3A5 Phenotypes After Discontinuation of Voriconazole Antifungal Prophylaxis
Z. H. Tu, B. J. Pierce, T. Pasley, A. Hutchins, H. J. Huang, Houston Methodist Hospital, Houston, TX

3:00 PM - 4:20 PM
Moderators:
David Al Adra, MD PhD, University of Wisconsin, Madison, WI, USA
Debra Sudan, MD, Duke University Medical Center, Durham, NC, USA

First Report on the Performance of the National OCS Program (NOP) in the US for Liver, Heart and Lung Transplants

Impact of OCS Liver Perfusion Time on Post-Transplant Survival - Real World Clinical Experience from the OCS Liver Perfusion (OLP) Post-Approval US Registry
J. F. Markmann, M. Hobeika, R. Ghobrial, G. Roll, S. Syed, G. Schnickel, D. Sudan, A. K. Mathur, A. Moss, M. Abouljoud, L.P.-Registry-Consortium, Mass General, Boston, MA, Houston Methodist Hospital, Houston, TX, UCSF Medical Center, San Francisco, CA, University of California, San Francisco, San Francisco, CA, University of California Los Angeles (Multi-Organ), San Diego, CA, Duke University Medical Center, Durham, NC, Mayo Clinic, Phoenix, AZ, Henry Ford Transplant Institute, Detroit, MI, Transmedics, Andover, MA

Transplant Rates and Outcomes of Organs Recovered from the National Cohort of Normothermic Regional Perfusion (NRP) Donors
B. E. Lonze, J. D. Motter, A. B. Massie, NYU Langone Health, New York, NY

Hypothermic Oxygenated Machine Perfusion (HMP-O2) in Liver Transplantation: The Pilot™ Experience
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
3:40 PM - 3:50 PM
Single Center Experience Utilizing Thoracoabdominal Normothermic Regional Perfusion for Cardiac and Liver Recovery in Donation After Circulatory Death Donors
M. J. Kearns¹, A. L. Brubaker¹, J. Berumen¹, B. Jackson¹, G. T. Schnickel¹, ¹University of California San Diego, La Jolla, CA, ²University of California at San Diego, La Jolla, CA

3:50 PM - 4:00 PM
6-Month Outcomes of Liver and Kidney Transplantation from Donation After Circulatory Death Heart Donors in the US
A. Wall¹, A. Gupta², E. Martinez¹, T. Ma¹, R. Ruiz², G. J. McKenna¹, G. Testa¹, ¹Baylor University Medical Center, Dallas, TX, ²Surgery, University of Texas Southwestern Medical Center, Dallas, TX, ³Transplant, Baylor Scott & White All Saints Medical Center, Fort Worth, TX

4:00 PM - 4:10 PM
Extended Subzero Kidney Preservation with Peptoid-Based Cryoprotectants
A. H. Loftin¹, R. Kals¹, T. Muss¹, N. Katragadda¹, A. Girardi¹, I. Lake¹, Y. Guo¹, A. Bodine¹, Y. Zhang¹, X. Wei², M. Kline², B. Oh¹, G. Brandacher¹, ¹Johns Hopkins University School of Medicine, Baltimore, MD, ²X-Thera Inc., Richmond, CA

4:10 PM - 4:20 PM
Sensitivity and Specificity of Biomarkers in Perfusate and Bile During Orphan Liver Normothermic Machine Perfusion to Predict Post-Transplant Outcomes
Q. Liu¹, K. Ali¹, B. Cazzaniga¹, T. Diago Uso², M. Fujiki¹, F. Aucejo¹, B. Eghtesad¹, G. D’Amico¹, C. Kwon¹, C. Chaudhry¹, A. Pita¹, J. Kim¹, A. Schlegel¹, J. Doi¹, M. Khalil¹, E. Fernandez¹, J. Kusakabe¹, E. Calderon¹, C. Miller¹, K. Hashimoto¹, C. Quintini², ³Cleveland Clinic, Cleveland, OH, ²Cleveland Clinic, Abu Dhabi, United Arab Emirates, ³Università degli Studi di Milano, Milan, Italy

Program Topic: Basic Science
Vascular, Lymphatic, Stromal and Parenchymal Cell Biology

3:00 PM - 4:20 PM
Lymph Node Fibroblastic Reticular Cells Sustain Conduits by Producing Laminins
L. Li¹, L. Wu¹, A. Kensiski¹, M. Willson-Shirkey¹, W. Piao¹, S. Gavzy¹, Y. Lee¹, R. Abdii¹, J. Bromberg¹, ¹Surgery, University of Maryland, Baltimore, Baltimore, MD, ²Brigham & Womens Hosp, Boston, MA

3:10 PM - 3:20 PM
Expansion of Centrilobular Hepatocytes in Progressive Liver Fibrosis Contributes to the Upregulation of Immune and Metabolic Dysfunction
H. Zubair¹, T. Rousselle¹, A. Shetty², S. Azim¹, D. Maluf³, V. Mas¹, ¹Surgery, University of Maryland, Baltimore, Baltimore, MD, ²Genomic Institute, University of Maryland, Baltimore, MD, ³Transplant Surgery, University of Maryland Medical Center, Baltimore, MD

3:20 PM - 3:30 PM
The Transcriptional Repressor BCL6 Controls IFNγ-induced Endothelial Antigen Presentation
A. Franco-Acevedo, J. J. Mack, N. M. Valenzuela, UCLA, Los Angeles, CA

3:30 PM - 3:40 PM
Bcl6 is Involved in Tgfβ-induced Endothelial Cell Proliferation and Migration
A. Franco Acevedo, N. M. Valenzuela, UCLA, Los Angeles, CA

3:40 PM - 3:50 PM
Cold Stress-Induced Ferroptosis in Liver Sinusoidal
Endothelial Cells Regulates Liver Transplant Injury via Non-Canonical NRF2-Mediated Pathway
H. Kojima, H. Hirao, K. Kadono, T. Torgerson, K. J. Dery, S. Yao, F. M. Kaldas, J. W. Kupiec-Weglinski, The Dumont-UCLA Transplant Center, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA

3:00 PM - 3:10 PM
Living Liver Donor Exclusion Rate at University of Pittsburgh Medical Center
S. Ganesh, C. Hughes, A. Tevar, M. Molinari, V. Gunabushanam, A. Ganoza, A. Humar, Transplant Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA

3:00 PM - 3:20 PM
Risk Factors Associated with Surgical Morbidities of Laparoscopic Living Liver Donors
J. Rhu1, G. Choi2, J. Kim2, C. D. Kwon3, J. Joh1, 1Samsung Medical Center, Seoul, Korea, Republic of, 2Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea, Republic of, 3Cleveland Clinic, Cleveland, OH

3:00 PM - 3:30 PM
An Intention-To-Treat Analysis of Live Donor Liver Transplantation vs. Deceased Donor Liver Transplantation for Patients with Autoimmune Liver Diseases
O. Jones1, M. Classen1, T. Ivanics1, M. Cattral2, A. Ghanekar1, C. Shwaartz2, T. Reichman2, B. Sayed2, M. Selzner2, C. Tsiens, M. Bhat2, E. Jaeckel2, L. Lilly2, N. Selzner2, G. Sapicochini2, 1Ajmera Transplant Center - University Health Network, Toronto, ON, Canada, 2Toronto General Hospital - University Health Network, Toronto, ON, Canada

3:00 PM - 3:40 PM
Role of Splenic Volume in Predicting Early Allograft Dysfunction Following Adult Live Donor Liver Transplantation

3:40 PM - 3:50 PM
A Safe Strategy for Sequential Living Donor Liver Donation Following Living Donor Kidney Donation
R. Raj1, M. Khalil2, E. Calderon3, M. Fujiki1, B. Eghtesad2, C. Miller3, K. Hashimoto1, 1Transplant, Cleveland Clinic, Cleveland, OH, 2Cleveland Clinic, Cleveland, OH, 3Cleveland Clinic, Cleveland, OH

Program Topic: Liver

Liver: Living Donor Liver Transplant and Partial Grafts

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
3:50 PM - 4:00 PM
Geographic Disparities in Utilization of Living Donor Liver Transplants for Racial and Ethnic Minorities in the United States
S. A. Dozial, W. Jackson, D. Goldberg, University of Miami Miller School of Medicine, Miami, FL, University of Colorado, Denver, CO, University of Miami, Miami, FL

4:00 PM - 4:10 PM
Who Donates to Whom in Living Donor Liver Transplantation? Exploring the Intersection of Race and Gender
M. Jesse, A. Liapakis, A. Pillai, R. Salgia, D. Venkat, V. Kumar, A. Manivannan, M. Lu, T. Zhang, N. Parikh, E. Verna, Henry Ford, Detroit, MI, Yale School of Medicine, New Haven, CT, U of Chicago, Chicago, IL, U of Alabama, Birmingham, AL, University of Michigan, Ann Arbor, MI, Columbia University, New York, NY

4:10 PM - 4:20 PM
Future Liver Remnant Less Than 30% is Not Contraindication to Living Donor Right Hepatectomy
J. Kim, D. Choi, Department of Surgery, Catholic University of Daegu College of Medicine, Daegu, Korea, Republic of, Catholic University of Daegu College of Medicine, Daegu, Korea, Republic of

Program Topic: Kidney
Kidney: Biomarkers - 1

3:00 PM - 4:20 PM
Moderators:
Sung Shin, Professor, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, Republic of Sunil Kurian, PhD, Scripps Health, LA JOLLA, CA, USA

3:00 PM - 3:10 PM
Increases in Donor-Derived Cell-Free DNA Prior to Biopsy Proven Rejection in Kidney Transplant
J. S. Bromberg, Z. P. Demko, G. Fehringer, K. Marshall, M. Armer, H. Tabriziani, S. Bhorade, P. Gauthier, M. Samaniego-Picota, Department of Surgery, University of Maryland School of Medicine, Baltimore, MD, Natera, Inc., Austin, TX, Henry Ford Transplant Institute, Detroit, MI

3:10 PM - 3:20 PM
Development of Prognostic Biomarkers for Alloimmune Risk Stratification to Guide personalised Recipient Care is an Unmet Need in Kidney Transplantation
H. Copley, C. Wiebe, J. Kim, M. Manook, E. Williams, I. Mohorianu, C. Kling, D. Kabelitz, A. Leach, V. Nickerson, V. Kosmoliaptsis, University of Cambridge, Cambridge, United Kingdom, University of Manitoba, Winnipeg, MB, Canada, Christian-Albrechts University Kiel, Kiel, Germany, EMBL-EBI, Hinxton, United Kingdom

3:20 PM - 3:30 PM
Validation of the Optimal Torque Teno Virus Range for Risk Stratification of Graft Rejection and Infection in Kidney Transplant Recipients by a Commercial PCR
F. Haupert, D. Górzer, F. Gelas, D. Kulifaj, L. Brossaut, E. Puchhammer-Stöckl, G. Bond, Division of Nephrology and Dialysis, Department of Medicine III., Medical University of Vienna, Vienna, Austria, Center for Virology, Medical University of Vienna, Vienna, Austria, biomérieux SA, 38024 Grenoble Cedex 01, France, biomérieux SA, 09340 Verniolle, France, biomérieux SA, 69280 Marcy-l’Etoile, France

3:30 PM - 3:40 PM

3:40 PM - 3:50 PM
Improving Single Cell RNA-Sequencing Bioinformatics of BK-Polyomavirus (BKVpV)-Infected Human Renal Proximal Tubular Epithelial Cells Reveals Novel Stress Pattern with Potential Utility for Renal Biopsy Studies
H. H. Hirsch, S. Schmid, F. Weissbach, M. Schmid, K. Leuzinger, University of Basel / Department Biomedicine, Basel, Switzerland, University of Basel, Basel, Switzerland, Genexa, Zurich, Switzerland, University Hospital Basel, Basel, Switzerland

3:50 PM - 4:00 PM
Optimizing Urinary Cell mRNA Profiling of Kidney Allograft Recipients: Development of a Home Processing Protocol for Noninvasive Diagnosis of T Cell Mediated Rejection and BK Virus Nephropathy
4:00 PM - 4:10 PM
Impact of OmniGraf Results on Renal Function Changes Over a Year: An Interim Report of the Trulo Study
N. Leça1, C. Kew2, S. Westphal3, M. Karim4, S. Bunnapradist5, D. Leeser6, T. Alhamad7, J. Von Visger8, J. Fleming9, J. Holman9, J. Weems8, I. Agboi10, W. Irish10, F. Shihab11, 1University of Alabama @Birmingham, Birmingham, AL, 2University of Nebraska Medical Center, Omaha, NE, 3University of Rochester Medical Center, Rochester, NY, 4David Geffen School of Medicine, Los Angeles, CA, 5East Carolina Univ Sch of Med, Greenville, NC, 6Washington University School of Medicine at St. Louis, Saint Louis, MO, 7Erie County Medical Center, Buffalo, NY, 8Transplant Genomics, Inc, Framingham, MA, 9East Carolina University, Raleigh, NC, 10University of Utah Sch of Med, Salt Lake City, UT

4:10 PM - 4:20 PM
Development and Validation of an Integrative Dd-CfDNA System to Predict Allograft Rejection: An International Population Based Study
O. Aubert, C. Ursule-Dufait, R. Brousse, D. Anglicheau, C. Lefaucheur, A. Loupy, Paris Translational Center for Organ Transplantation, Paris, France

Program Topic: Infectious Disease
COVID-19 Vaccination

3:00 PM - 4:20 PM
Moderators:
Marcus Pereira, MD, MPH, Columbia University Irving Medical Center, New York, NY, USA
Sara Belga, M.D., The University of British Columbia, Vancouver, BC, Canada

3:00 PM - 3:10 PM
SARS-CoV-2 Vaccination Rates and Uptake of Tixagevimab-Cilgavimab Among a Cohort of Pediatric Solid Organ Transplant Recipients
C. Reis, T. Madigan, E. Ristagno, Pediatric Infectious Diseases, Mayo Clinic, Rochester, MN

3:10 PM - 3:20 PM
Multi-Center Study of Omicron BA.4/5 Neutralizing Antibody and T-Cell Responses in Transplant Recipients After Three and Four Doses of COVID Vaccine
V. H. Ferreira, M. Ierullo, F. Mavandadnejad, Q. Hu, V. G., Hall, N. Pinzon, D. Yotis, A. Gingras, S. Belga, S. Shalhoub, M. Hebert, A. Humar, D. Kabbani, D. Kumar, 1UHN, Toronto, ON, Canada, 2MSH, Toronto, ON, Canada, 3UBC, Vancouver, BC, Canada, 4LHSC, London, ON, Canada, 5CHUM, Montreal, QC, Canada, 6UOA, Edmonton, AB, Canada

3:20 PM - 3:30 PM
Omicron Infections in Vaccinated Pediatric Solid Organ Transplant Recipients: Frequency, Severity, and Impact of Booster Dosing

3:30 PM - 3:40 PM
Sars-CoV-2-Specific Immunological Memory Predicts Successful Booster Immunization and Severe Covid-19 in Solid Organ Transplant Patients
L. Donadeu1, S. Gomez1, E. Crespo1, M. Lopez-Meseguer1, L. Lladó2, J. Gonzalez2, I. Campos2, A. Favà2, M. Muñoz3, J. Quintero1, M. Cortese1, A. Torija2, M. Meneghini4, D. Kervella1, F. Moreso1, Q. Bestard1, Translational Transplant Center, Vall D’Hebron University Hospital, Barcelona, Spain, 2Bellvitge University Hospital, Barcelona, Spain

3:40 PM - 3:50 PM
Re-Emerging Covid Vaccine Hesitancy and Health Locus of Control in Inner-City Kidney Transplant Recipients
C. Peabody, J. Gomez, A. S. Varghese, B. S. Williams, J. Ahmad, M. Markell, Nephrology, SUNY Downstate Health Sciences University, Brooklyn, NY

3:50 PM - 4:00 PM
Immunosuppressive Treatment and CD4/CD8 T-Cell Exhaustion Impact SARS-CoV-2-Specific Adaptive Responses After mRNA Vaccination in Solid Organ Transplant Patients
L. Donadeu1, S. Gomez1, E. Crespo1, M. Lopez-Meseguer1, L. Lladó2, J. Gonzalez2, I. Campos2, A. Favà2, M. Muñoz3, J. Quintero1, M. Cortese1, A. Torija2, M. Meneghini4, D. Kervella1, F. Moreso1, Q. Bestard1, Translational
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Program Topic: Kidney

Kidney Immunosuppression: Desensitization

3:00 PM - 4:20 PM
Moderators:
Ashley Vo, PharmD, Cedars Sinai Medical Center, Los Angeles, CA, USA
John Friedewald, MD, Northwestern University, Chicago, IL, USA

3:00 PM - 3:10 PM
Early Results of the Adapt Desensitization Trial in Kidney Transplant (tx) Candidates with 100% Cpra: Impact of Carfilzomib and Belatacept
A. M. Jackson1, K. Williams1, L. Tempor1, S. Song1, G. H. Kelsoe1, F. Lee2, D. C. Nguyen2, K. Mason3, S. Chandran4, J. F. Da Silva5, C. Breeden5, S. Sanoff1, S. J. Knecht1,
1Duke University, Durham, NC, 2Emory University, Atlanta, GA, 3Rho, Inc., Chapel Hill, NC, 4Immune Tolerance Network, San Francisco, CA, 5Immune Tolerance Network, Atlanta, GA

3:10 PM - 3:20 PM
Comparison of Preemptive Therapy Using High-Dose IVIG and Rituximab versus Rituximab Alone in Kidney Transplant Patients with Subclinical De Novo Donor-Specific Antibodies: A Randomized Clinical Trial
J. Myung, U. Lee, Internal Medicine, Severance Hospital, Seoul, Korea, Republic of

3:20 PM - 3:30 PM
IdeS Reduces Allo-Specific, Xeno-Reactive, and Protective Antibodies in an Allosensitized Nonhuman Primate Model
I. DeLauro1, J. Zikos2, I. Anwar1, J. Yoon1, J. Ladowski1, D. Magnani2, S. Knecht1, J. Kwun1, 1Duke Transplant Center, Durham, NC, 2MassBiologics, University of Massachusetts Medical School, Boston, MA

3:30 PM - 3:40 PM
Impact of Tocilizumab Based Desensitization on Access to Kidney Transplantation and Outcomes After Transplantation
I. Moinuddin, D. Kumar, K. Huber, M. Philogene, G. Gupta, VCU Health, Richmond, VA

3:40 PM - 3:50 PM
Individualized Approach to Hla-Incompatible Kidney Transplantation Based Solely on Virtual Crossmatch Results: A Single Center Experience
N. Garg1, D. Mandelbro1, S. Parajuli1, L. G. Hidalgo1, 1University of Wisconsin Madison, Madison, WI, 2UW Health, Madison, WI, 3University of Wisconsin, Madison, WI

3:50 PM - 4:00 PM
Daratumumab (anti-cd38) for Desensitization (des) of Treatment-Resistant Highly Hla-Sensitized Esrd Patients
A. A. Vo1, N. Ammerman1, V. Bui1, E. Huang1, X. Zhang2, B. Shin3, R. Vescio4, A. Peng1, R. Najjar1, C. Meyers1, K. Lim1, M. Gillespie1, N. Badash1, S. C. Jordan1, 1Kidney Transplant, Cedars-Sinai Medical Center, Los Angeles, CA, 2HLA Laboratory, Cedars-Sinai Medical Center, Los Angeles, CA, 3Transplant Immunology Laboratory, Cedars-Sinai Medical Center, Los Angeles, CA, 4Dept. of Hematology, Cedars-Sinai Medical Center, Los Angeles, CA

4:00 PM - 4:10 PM
Impact of Anti-CD38 Mab (Daratumumab) Plus Belatacept on HLA Antibodies and Bone Marrow Plasma Cells in Kidney Transplant Candidates with 100% CPRA: Early Results of ATTAIN (ITN090ST)
S. Chandran1, R. Rajalingam2, K. Mason3, T. Martin2, S. Maruthamuthu2, C. Breeden4, F. Vincenti2, 1ITN, San Diego, CA, 2San Diego, CA, 3UCSD, 4Rho, Inc., Chapel Hill, NC

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023

Transplant Center, Vall D'Hebbron University Hospital, Barcelona, Spain, 2Bellvitge University Hospital, Barcelona, Spain

4:00 PM - 4:10 PM
Risk Factors for Poor T-Cell Responses to Three Doses of SARS-CoV-2-mRNA Vaccination in Kidney Transplant Recipients
A. Vathsala1, N. L. Bert2, H. K. Sran2, E. Wong3, M. R. D’Costa2, A. Lim2, W. K. Koh2, A. Bertoletti2, 1National University Centre for Organ Transplantation, National University of Singapore, Singapore, Singapore, 2Programme in Emerging Infectious Diseases, Duke, National University of Singapore Medical School, Singapore, Singapore, 3National University Centre for Organ Transplantation, National University Hospital, Singapore, Singapore

4:10 PM - 4:20 PM
Bivalent SARS-CoV-2 mRNA Booster Vaccines in Transplant Recipients Improve Neutralization of Omicron Sublineages
A. Karaba1, T. Johnston1, Y. Eby1, A. Abedon1, J. Alejo1, T. Chiang2, A. L. Cox1, D. Segev2, A. A. Tobian1, W. Werbel1,
1Johns Hopkins University, Baltimore, MD, 2New York University, New York, NY

3:00 PM - 4:20 PM
Kidney Immunosuppression: Desensitization

3:00 PM - 4:20 PM
Comparision of Preemptive Therapy Using High-Dose IVIG and Rituximab versus Rituximab Alone in Kidney Transplant Patients with Subclinical De Novo Donor-Specific Antibodies: A Randomized Clinical Trial
J. Myung, U. Lee, Internal Medicine, Severance Hospital, Seoul, Korea, Republic of

3:20 PM - 3:30 PM
IdeS Reduces Allo-Specific, Xeno-Reactive, and Protective Antibodies in an Allosensitized Nonhuman Primate Model
I. DeLauro1, J. Zikos2, I. Anwar1, J. Yoon1, J. Ladowski1, D. Magnani2, S. Knecht1, J. Kwun1, 1Duke Transplant Center, Durham, NC, 2MassBiologics, University of Massachusetts Medical School, Boston, MA

3:30 PM - 3:40 PM
Impact of Tocilizumab Based Desensitization on Access to Kidney Transplantation and Outcomes After Transplantation
I. Moinuddin, D. Kumar, K. Huber, M. Philogene, G. Gupta, VCU Health, Richmond, VA

3:40 PM - 3:50 PM
Individualized Approach to Hla-Incompatible Kidney Transplantation Based Solely on Virtual Crossmatch Results: A Single Center Experience
N. Garg1, D. Mandelbro1, S. Parajuli1, L. G. Hidalgo1, 1University of Wisconsin Madison, Madison, WI, 2UW Health, Madison, WI, 3University of Wisconsin, Madison, WI

3:50 PM - 4:00 PM
Daratumumab (anti-cd38) for Desensitization (des) of Treatment-Resistant Highly Hla-Sensitized Esrd Patients
A. A. Vo1, N. Ammerman1, V. Bui1, E. Huang1, X. Zhang2, B. Shin3, R. Vescio4, A. Peng1, R. Najjar1, C. Meyers1, K. Lim1, M. Gillespie1, N. Badash1, S. C. Jordan1, 1Kidney Transplant, Cedars-Sinai Medical Center, Los Angeles, CA, 2HLA Laboratory, Cedars-Sinai Medical Center, Los Angeles, CA, 3Transplant Immunology Laboratory, Cedars-Sinai Medical Center, Los Angeles, CA, 4Dept. of Hematology, Cedars-Sinai Medical Center, Los Angeles, CA

4:00 PM - 4:10 PM
Impact of Anti-CD38 Mab (Daratumumab) Plus Belatacept on HLA Antibodies and Bone Marrow Plasma Cells in Kidney Transplant Candidates with 100% CPRA: Early Results of ATTAIN (ITN090ST)
S. Chandran1, R. Rajalingam2, K. Mason3, T. Martin2, S. Maruthamuthu2, C. Breeden4, F. Vincenti2, 1ITN, San Diego, CA, 2San Diego, CA, 3UCSD, 4Rho, Inc., Chapel Hill, NC

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
4:10 PM - 4:20 PM
20-year Outcomes Following HLA-Incompatible Living Donor Kidney Transplantation
J. D. Motter, A. B. Massie, D. L. Segev, New York University, New York, NY

Break
4:20 PM - 4:30 PM

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

Program Topic: APP
Research / QI

4:30 PM - 5:30 PM
Moderators:
Beth Logan, PhD, Boston Children’s Hospital, Boston, MA, USA
Catherine Pantik, PhD, DNP, CareDx, Memphis, TN, USA

4:30 PM - 4:40 PM
Global Trends in Gender Authorship in High-Impact Transplant Journals: A 10-Year Analysis
I. Faria¹, A. Montalvan¹, M. Kazimi¹, D. Eckhoff¹, P. Martins², ¹Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA, ²University of Massachusetts, Worcester, MA

4:40 PM - 4:50 PM
Impact of Liver Transplant (LT) Advanced Practice Providers (apps): A Single Center Study
S. Nargiso¹, M. Lo², L. Ramos¹, A. Bolanos¹, Y. Genyk¹, L. Sher¹, ¹Surgery, University of Southern California, Los Angeles, CA, ²Population and Public Health Sciences, University of Southern California, Los Angeles, CA

4:50 PM - 5:00 PM
Effect of a Multidisciplinary Team to Reduce Post Heart Transplant Dialysis and Length of Stay
M. Lam¹, Z. Tulu¹, E. Henrickson¹, S. Duclos², S. Yates³, J. Deng³, H. Packard¹, N. Cote¹, W. Hiesinger³, V. Rao⁵, J. Teuteberg³, ¹Transplant, Stanford Medicine, Stanford, CA, ²Cardiology, Stanford Medicine, Stanford, CA, ³Cardiothoracic Surgery, Stanford Medicine, Stanford, CA, ⁴Cardiothoracic Surgery, Stanford University, Stanford, CA, ⁵Anesthesia, Stanford University, Stanford, CA, ⁶Cardiology, Stanford University, Stanford, CA

5:00 PM - 5:10 PM
A Novel Intra-Operative Score to Predict Delayed Graft Function in Renal Transplantation
T. Lawen¹, T. A. Skinnér¹, L. Power², M. MacDonald¹, F. Reyna-Sepulveda¹, S. Butler³, G. Ilie¹, J. Lawen¹, ¹Urology, Dalhousie University, Halifax, NS, Canada, ²Medicine, Dalhousie University, Halifax, NS, Canada, ³Rowe School of Business, Dalhousie University, Halifax, NS, Canada

5:10 PM - 5:20 PM
Patient Characteristics of 30- and 90- Day Readmissions After Liver Transplantation
J. Lok, R. Okeke, M. Wycoff, J. Tiede, A. Mannaa, J. Bettag, M. Nazzal, Saint Louis University, Saint Louis, MO

5:20 PM - 5:30 PM
A Propensity Score Matched Analysis of Liver Transplantation Outcomes in the Setting of Preservation Solution Shortage
W. A. Preston, P. Althshuler, D. Pace, H. Kittle, A. Frank, J. Glorioso, C. Ramirez, A. Shah, W. Maley, A. Bodzin, Surgery, Thomas Jefferson University Hospital, Philadelphia, PA

Program Topic: Liver
Liver: Surgery Innovative Techniques

4:30 PM - 5:30 PM
Moderators:
George Mazariegos, MD, UPMC Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA
Adam Grieseimer, MD, NYU Langone, New York, NY, USA

4:30 PM - 4:40 PM
Effect of Ischemia-Free Liver Transplantation vs conventional Liver Transplantation on Complications Related to Ischemia Reperfusion Injury in Patients with End Stage Liver Disease

4:40 PM - 4:50 PM
Multi-Center Liver Allograft and Patient Outcomes After Thoracoabdominal Normothermic Regional Perfusion for Donation After Circulatory Death Donors
R. Taj³, A. Brubaker², B. Jackson³, A. Gupta⁴, J. Gardner⁵,
Program Topic: Basic Science

Innate Immunity; Chemokines, Cytokines, Complement
5:10 PM - 5:20 PM
The Epigenetic and Transcriptional Landscape of Monocyte Memory Formation in Response to Allogeneic Non-Self
Transplantation Institute, University of Pittsburgh, Pittsburgh, PA, Department of Mathematics, University of British Columbia, Vancouver, BC, Canada

5:20 PM - 5:30 PM
Neutrophil CEACAM1 Determines the Susceptibility to Autophagy-Driven NETosis by Regulating S1PR2/S1PR3 Axis in Liver Transplantation
H. Hirao, H. Kojima, K. J. Dery, D. G. Farmer, F. Kaldas, J. Kupiec-Weglinski, UCLA, Los Angeles, CA

Program Topic: Infectious Disease
Donor Issues in Transplant ID

4:30 PM - 5:30 PM
Moderators:
Stephanie Pouch, MD, MS, FAST, Emory University School of Medicine, Atlanta, GA, USA
Judith Anesi, MD, MSCE, University of Pennsylvania, Philadelphia, PA, USA

4:30 PM - 4:40 PM
Donor Derived Transmissions 2021: Analysis of the OPTN Ad Hoc Disease Transmission Advisory Committee (DTAC)

4:40 PM - 5:00 PM
OppoDonor Testing: Minimizing Donor-Derived Infections and Optimizing Post-Transplant Management

4:50 PM - 5:00 PM
A. Mularoni, P. Grossi, A. Cona, A. De Luca, E. Di Marco, D. Di Carlo, P. Conaldi, M. Luppì, ISMETT IRCCS, Palermo, Italy, Univ deli Studi dell’Insudria, Varese, Italy, ISMETT, Palermo, Italy, Università degli Studi di Modena e Reggio Emilia, Modena, Italy

5:00 PM - 5:10 PM
Quantifying the Potential Pool of Cardiothoracic Organs from Donors with HIV

5:10 PM - 5:20 PM
Regional Differences in the Utilization of HCV NAT-Positive Donors in Kidney Transplantation

5:20 PM - 5:30 PM
Ureaplasma and Mycoplasma Species Transmission Through Solid Organ Transplantation in the United States: A Report from the Ad Hoc Disease Transmission Advisory Committee

5:30 PM - 5:40 PM
Kidney Transplantation
M. Borsa, A. Cherukuri, J. Anesi, K. Dunn, M. Sellers, R. Wood, A. Wooley, T. Livelli, R. M. La Hoz, L. Danziger-Isakov, Cedars Sinai Medical Center, Los Angeles, CA, Allergy, Pulmonary and Critical Care Medicine, Vanderbilt University Medical Center, Nashville, TN, Emory University School of Medicine, Decatur, GA, University of Pennsylvania, Philadelphia, PA, Yale New Haven Hospital, New Haven, CT, UC San Francisco, CA, Mount Sinai Medical Center, New York, NY, University of Washington, Seattle, WA, Swedish Hospital, Seattle, WA, Gift of Hope Organ and Tissue Donor Network, Itasca, IL, University of South Florida, Tampa, FL, Columbia University, New York, NY, Tennessee Donor Services, Nashville, TN, LifeGift, Houston, TX, Harvard, Boston, MA, UNOS, Richmond, VA, UT Southwestern Medical Center, Dallas, TX, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Liver

Liver: Kidney Issues in Liver Transplantation

4:30 PM - 5:30 PM
Moderators:
Alexandra Shingina, MD MSc, VUMC, Vanderbilt, TN, USA
Timucin Taner, MD, PhD, Mayo Clinic, Rochester, MN, USA

4:30 PM - 4:40 PM
Rejection and Survival Outcomes in Simultaneous Liver Kidney Transplant versus Kidney After Liver
P. Ghali1, R. Attieh2, K. Croome3, L. White4, D. Hodge4, H. Wade4, 1Medicine, University of Florida Jacksonville, Jacksonville, FL, 2Transplant, Mayo Clinic, Jacksonville, FL, 3Mayo Clinic Jacksonville, Jacksonville, FL, 4Clinical Trials and Biostatistics, Mayo Clinic, Jacksonville, FL

4:40 PM - 4:50 PM
Secular Trends in Incident ESRD Following Liver Transplantation
L. Zeiser1, J. Ruck2, A. Massie3, D. Segev4, E. King5, 1NYU, New York, NY, 2Johns Hopkins University, Baltimore, MD

4:50 PM - 5:00 PM
Comparing Immediate versus Delayed Calcineurin Inhibitor Use After Liver Transplant
B. Braun1, L. Lindberg2, S. LeCorchick2, L. Dong2, R. Gilroy2, 1Intermountain Medical Center, Murray, UT, 2Intermountain Medical Center, Salt Lake City, UT

5:00 PM - 5:10 PM
Reduction in Rate of Post-Operative Acute Kidney Injury with Single Intra-Operative Dose of Steroids in Transplantation of Donation After Cardiac Death Liver Grafts
Z. P. Rokop1, K. Zorbas2, P. Mihaylov2, B. Ekser2, R. Mangus3, C. Kubal3, 1Department of Surgery, Indiana University School of Medicine, Indianapolis, IN, 2Department of Transplant Surgery, Indiana University School of Medicine, Indianapolis, IN

5:10 PM - 5:20 PM
Risk Factors for Death Censored Graft Loss, Death and Renal Allograft Rejection in Simultaneous Liver Kidney Transplant
N. Lynn1, M. Ji2, K. Flores1, S. Chang2, R. Delos Santos1, T. Alhamad1, M. Merzkan1, 1Nephrology, Washington University in St Louis, St Louis, MO, 2Washington University in St Louis, St Louis, MO

Program Topic: Kidney

Kidney Acute Antibody Mediated Rejection

4:30 PM - 5:30 PM
Moderators:
Mark Stegall, MD, Mayo Clinic, Rochester, MN, USA
Thangamani Muthukumar, MD, Weill Cornell Medicine, New York, NY, USA

4:30 PM - 4:40 PM
Circulating and Allograft Infiltrating CD56dimCD16bright NK Cells in Kidney Allograft Antibody-Mediated Rejection Display Transcriptomic and Epigenetic Changes Conferring Their Increased IL-21 Responsiveness and Th1 Proinflammatory Cytotoxic Profile
E. Bailly1, C. Macedo1, J. Ossart1, X. Gu1, A. Zeevi1, P. Randhawa1, C. Lefaucheur2, D. Metes1, 1Starzl Transplantation Institute, Pittsburgh, PA, 2INSERM UMR-S976, Université de Paris, Paris, France

4:40 PM - 4:50 PM
ATN-Like ABMR Transcriptome is Similar to Acute Active ABMR in Early Post-Transplant Period
P. Hrubá1, P. Mrazova1, J. Klema2, A. Le2, O. Viklický1, 1Institute for Clinical and Experimental Medicine, Prague, Czech Republic, 2Czech Technical University, Prague, Czech Republic

4:50 PM - 5:00 PM
Evaluation of HistoMap Molecular Model for Renal Allograft Rejection Diagnosis in Biopsies with Suspicious Histologic Findings for Antibody-Mediated Rejection
I. Moinuddin1, G. Gupta1, N. Garg2, F. Aziz2, A. Djamali3, J. Bromberg4, H. Zhang4, F. Collin5, N. Agrawal5, G. Shekhtman5, T. R. Srinivas5, K. Calcuttawala5, R. Woodward5, E. Akalin7, 1Virginia Commonwealth University, Richmond, VA, 2University of Wisconsin, Madison, WI, 3Maine Medical Center, Portland, ME, 4University of Maryland School of Medicine, Baltimore, MD
Using Optimized Algorithms
Reclassifying Rejection in 3258 Heart Transplant Biopsies
4:30 PM
Philadelphia, PA, USA
Howard Eisen, MD, Thomas Jefferson University, Michigan, Ann Arbor, MI, USA
Monica Colvin, Professor of Medicine, Salt Lake City, UT, USA
Josef Stehlik, MD, University Of Utah School Of Medicine, Salt Lake City, UT, USA

Optimizing Heart Transplant Outcomes
Program Topic: Heart

5:00 PM - 5:10 PM
Real Word Evidence of the Effectiveness of the Treatment of Antibody Mediated Rejection in Kidney Transplant Recipients
G. Divard1, S. Naser1, S. Al-Awadhi1, C. Debiais1, M. Maanaoui2, I. Juric2, M. R. Castro4, N. Kamar5, J. Gueguen6, M. Crespo7, O. Aubert7, L. Alexandre1, C. Lefaucheur1,
1Paris Transplant Group, Paris, France, 2CHU de Lille, Lille, France, 3University Hospital Centre Zagreb, Zagreb, Croatia, 4Hospital das Clinicas da Faculdade de Medicina da USP, Sao Paulo, Brazil, 5CHU de Toulouse, Toulouse, France, 6CHU de Tours, Tours, France, 7Nephrology and Kidney Transplantation, Hospital del Mar, Barcelona, Spain

5:10 PM - 5:20 PM
Assessment of NK Cell Alloreactivity in HLA Sensitized Patients: Association with Risk for Antibody-Mediated Rejection
A. A. Vo, S. C. Jordan, B. Shin, N. Ammerman, A. Peng, R. Najjar, E. Huang, Comprehensive Transplant Center, Cedars-Sinai Medical Center, Los Angeles, CA

5:20 PM - 5:30 PM
Spatially Resolved Transcriptomics in Biopsies from Angiotensin II Type 1 Receptor Antibody Positive Kidney Transplant Recipients with and without Concurrent Human Leukocyte Antigen Donor Specific Antibodies
M. H. Pearl, J. Zuckerman, D. Elashoff, T. Romero, C. Niu, Y. Su, E. Reed, University of California LA, Los Angeles, CA

5:40 PM - 4:50 PM
Landscape and Outcomes of Heart Transplantation in Recipients with Hiv
M. Bowring1, Z. Nauroz2, J. Ruck1, J. Alejo3, V. Hemmige2, M. Pereira3, A. Massie4, D. Segev4, C. Durand1, 1Johns Hopkins University, Baltimore, MD, 2Montefiore Medical Center, Bronx, NY, 3Columbia University Irving Medical Center, New York, NY, 4NYU Langone Health, New York, NY

4:50 PM - 5:00 PM
Impact of Continuously Elevated Donor-Derived Cell Free Dna Levels on Clinical Outcomes in Heart Transplant Patients
J. Mancuso1, R. Alharethi2, T. Dalia1, H. Farhoud3, J. Zeng4, W. Tian4, Z. Shah1, A. Vidic1, S. Pinney5, 1University of Kansas Medical Center, Kansas City, KS, 2Intermountain Medical Center, Murray, UT, 3University of Kansas Medical Center, Wichita, KS, 4Cedars-Sinai Medical Center, Los Angeles, CA, 5University of Chicago Medical Center, Chicago, IL

5:00 PM - 5:10 PM
Roadmap to Improved Outcomes After Heart Transplantation: Look EAST!
J. Kobashigawa1, S. Nunoda2, N. Patel1, M. Kittleson1, S. Kim1, T. Singer-Englar1, D. Chang1, E. Kransdorf1, A. Nikolova1, L. Czer1, J. Patel1, 1Cedars-Sinai Smidt Heart Institute, Los Angeles, CA, 2Tokyo Women’s Medical University Medical Center East, Tokyo, Japan

5:10 PM - 5:20 PM
Elastography Does Not Predict Cirrhosis in Patients Referred for Advanced Heart Failure Therapies
N. Roth1, D. Lech2, Z. Patel3, M. Avila4, S. Maybaum4, G. Stevens4, 1Department of Medicine, Division of Hepatology, Northwell Health, Manhasset, NY, 2Department of Medicine, Division of Gastroenterology, Northwell Health, Manhasset, NY, 3Department of Medicine, Northwell Health, Manhasset, NY, 4Department of Cardiology, Northwell Health, Manhasset, NY

5:20 PM - 5:30 PM
Post-Transplantation Outcome of Sensitized Heart Failure Patients in Korea
1Samsung Medical Center, Korea, Korea, Republic of, 2Samsung Medical Center, Seoul, Korea, Republic of,
Program Topic: Pharmacy

Pharmacokinetics/Pharmacogenomics/Drug Interactions

4:30 PM - 5:30 PM
Moderators:
Abbie Leino, PharmD, MS, University of Michigan, Ann Arbor, MI, USA
Pamla Jacobson, PharmD, Univ of MN, College of Pharmacy, Minneapolis, MN, USA

4:30 PM - 4:40 PM
Age Influence on P-glycoprotein Function in Peripheral Blood Mononuclear Cells in Stable Kidney Transplant Recipients
K. M. Tornatore1, K. Attwood2, H. Minderman3, K. O'Loughlin3, B. Murray4, 1Pharmacy, School of Pharmacy and Pharmaceutical Sciences; University at Buffalo, Buffalo, NY, 2Biostatistics; Roswell Park Comprehensive Cancer Center, Buffalo, NY, 3Flow and Image Cytometry Shared Resource; Roswell Park Comprehensive Cancer Center, Buffalo, NY, 4Medicine, Erie County Medical Center; Jacobs School of Medicine and Biomedical Sciences; University at Buffalo, Buffalo, NY

4:40 PM - 4:50 PM
Managing the Significant Drug-Drug Interaction Between Tacrolimus and Isavuconazole in Solid Organ Transplant Recipients
J. Hedvat1, D. M. Salerno1, J. Scheffert1, M. Pereira2, N. W. Lange3, 1NewYork-Presbyterian Hospital, New York, NY, 2Columbia University Irving Medical Center, New York, NY, 3Pharmacy, NewYork-Presbyterian Hospital, New York, NY

4:50 PM - 5:00 PM
Pharmacokinetic Evaluation of Tacrolimus Extended Release and Tacrolimus Immediate Release Combined with Early Steroid Withdrawal in De Novo Kidney Transplant Recipients
R. Alloway1, R. Tank2, T. Minuzo2, A. Vinks2, E. Yanqui1, H. Hames1, S. Tremblay3, A. Govill1, A. Shields1, E. Woodle1, 1Univ of Cincinnati, Cincinnati, OH, 2Cincinnati Childrens Medical Center, Cincinnati, OH, 3Veloxis Pharmaceuticals, Cary, NC

5:00 PM - 5:10 PM
Possible Regulatory Variant in the CYP3A Gene Association with Tacrolimus (TAC) Troughs in African American Kidney Transplant Recipients
M. Mohamed1, C. Dorr2, D. Schladt1, A. Saqr1, R. Remmel1, G. Onyeaghala2, W. Guan1, B. Wu4, R. B. Mannon5, A. Matas1, W. Oetting1, A. Israini2, P. Jacobson1, 1Univ of MN, Minneapolis, MN, 2Hennepin Healthcare Research Institute and Univ of MN, Minneapolis, MN, 3Hennepin Healthcare Research Institute, Minneapolis, MN, 4University of California Irvine, Irvine, CA, 5University of Nebraska Medical Center, Omaha, NE

5:10 PM - 5:20 PM
Impact of Combined Cyp3a5, Cyp3a4 and Por*28 Genotypes on Tacrolimus Dose Requirements in Early Phase Kidney Transplant Patients
M. Elsharkawy1, D. A. Ismail2, N. M. Lofzy3, M. A. Mahmoud4, A. I. Ebid5, 1Department of Internal Medicine & Nephrology, Ain Shams University, Cairo, Egypt, 2Clinical Pharmacy Department, Misr International University, Cairo, Egypt, 3Department of Clinical Pathology, Ain Shams University, Cairo, Egypt, 4Department of Pharmacy Practice, Helwan University, Cairo, Egypt, 5Helwan University, Department of Pharmacy Practice, Egypt

5:20 PM - 5:30 PM
Mycophenolic Acid Exposure in Belatacept or Tacrolimus When Combined with Early Steroid Withdrawal in Kidney Transplant Recipients
M. P. Chau1, A. Shields2, J. Kremer2, J. Kaur2, E. Woodle2, R. Alloway2, 1University of Cincinnati, Cincinnati, OH, 2Univ of Cincinnati, Cincinnati, OH, The Christ Hospital, Cincinnati, OH

Program Topic: Kidney

Kidney Complications: Immune Mediated Late Graft Failure

4:30 PM - 5:30 PM
Moderators:
Puneet Sood, MD, MPH, University of Pittsburgh Medical Center, PITTSBURGH, PA, USA
Jun Shoji, MD, Cedars Sinai Medical Center, Los Angeles, CA, USA
4:30 PM - 4:40 PM
Repeat HLA Class II Mismatches Are Associated with Increased Graft Loss of the Second Kidney Transplant: A Contemporary Collaborative Transplant Study (CTS) Registry Analysis
L. Pipeleers, *Nephrology, UZ Brussel, Brussels, Belgium*

4:40 PM - 4:50 PM
The Age-Dependent Difference in Graft Failure is Preceded by Age-Dependent Differences in De Novo Donor-Specific Antibody Development and Rejection
A. Han, E. Cho, A. Cho, H. Woo, M. Ko, S. Min, J. Ha, *Seoul National University College of Medicine, Seoul, Korea, Republic of*

4:50 PM - 5:00 PM
Early Post-Transplant Proteinuria, Allograft Inflammation and Renal Transplant Outcomes
T. Yamada, H. Karimi, C. Elias, S. Harihar, K. Aboud-Daya, A. Cherukuri, *UPMC, Pittsburgh, PA*

5:00 PM - 5:10 PM
Offspring Living Donor Transplant Outcomes: Is the Risk of Transplant Failure Immune Mediated?
J. Lan¹, E. Hendren¹, M. Kadatz¹, D. Chang¹, R. Liwski², J. Gill¹, J. Gill¹, ¹*University of British Columbia, Vancouver, BC, Canada, ²Dalhousie University, Halifax, NS, Canada*

5:10 PM - 5:20 PM
An Artificial Intelligence Approach for Prediction of Worsening Renal Allograft Function
R. Naik¹, R. Ware², D. Jadvani¹, B. Mkwana¹, A. Susma¹, Z. Hajjiri¹, C. B. Do¹, S. Setty³, S. Mittal², ¹UIC, Chicago, IL, ²UW, Seattle, WA, ³Pathology, UIC, Chicago, IL

5:20 PM - 5:30 PM
Eplet Mismatch Predicts Sensitization in Transplant Failure Patients
J. Tran, I. Alrajhi, D. Chang, M. Kadatz, K. Sherwood, J. Gill, J. Gill, J. Lan, ¹University of British Columbia, Vancouver, BC, Canada

Program Topic: Basic Science
Biomarkers: Liver

Jonathan Merola, MD, PhD, New York Presbyterian Hospital/Columbia University, New York, NY, USA

4:30 PM - 4:40 PM
Association of Epigenetic Age with Clinical Frailty and Outcomes in a Pilot Study of Patients Undergoing Liver Transplantation
S. Roa¹, S. Seetharaman², T. Y. Garcia¹, M. Fuentealba¹, D. Furman¹, S. C. LaHue², J. C. Lai³, J. Newman¹, ¹*Buck Institute, Novato, CA, ²UCSF, San Francisco, CA, ³University of California San Francisco, San Francisco, CA*

4:40 PM - 4:50 PM
Immunometabolic Shifts Are Associated with Development of Severe Pre-Liver Transplant Immune Dysfunction
L. Jin¹, G. G. Panayotova¹, A. Lemenzen², S. Simonishvili², Y. Qin¹, L. J. Minze³, T. Ayorinde¹, Y. Shah¹, J. Faybusovich¹, T. Zoumpou¹, F. Paterno¹, A. Amin¹, G. S. Lee-Riddle¹, R. M. Ghobrial³, J. V. Guarerra¹, K. E. Lunsford¹, ¹Liver Transplant and HPB Surgery, Rutgers, New Jersey Medical School, Newark, NJ, ²Center for Immunity and Inflammation, Rutgers, Biomedical and Health Sciences, Newark, NJ, ³Center for Liver Disease and Transplantation, Houston Methodist Hospital, Houston, TX

4:50 PM - 5:00 PM
Differential Components of Donor versus Recipient Insulin Pathways Affect Development of Post Liver Transplant Diabetes Mellitus
O. Shaked¹, B. Chang², S. Asrani², J. Trotter³, K. Olthoff³, B. Keating³, A. Shaked¹, ¹University of Pennsylvania, Philadelphia, PA, ²Liver Consultants of Texas, Dallas, TX, ³Baylor University Medical Center, Dallas, TX

5:00 PM - 5:10 PM
Metabolic Flexibility: Predictor of Weight Gain Among Liver Transplant Recipients
C. Bhati¹, R. Chaudhari², A. Bui², S. Wolver², S. Patel², M. Forsgren³, D. Kirkman², M. S. Siddiqui², ¹Surgery, University of Maryland School of Medicine, Baltimore, MD, ²Medicine, Virginia Commonwealth University, Richmond, VA, ³Amra Medical, Richmond, VA

5:10 PM - 5:20 PM
Development of Immune-Related Gene Polymorphism Sets for Predicting Characteristic Complications After Liver Transplantation

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Transplant Surgery, Hiroshima University, Hiroshima, Japan

5:20 PM - 5:30 PM
The Impact of Donor and Recipient Polygenic Risk Score Interactions on the Development of Post-Transplant Diabetes Mellitus
O. Shaked¹, B. Chang², K. Olthoff³, S. Asrani², J. Trotter³, B. Keating¹, A. Shaked¹, ¹University of Pennsylvania, Philadelphia, PA, ²Liver Consultants of Texas, Dallas, TX, ³Baylor University Medical Center, Dallas, TX

Program Topic: Kidney
Health Equity and Access - 1

4:30 PM - 5:30 PM
Moderators:
Lisa McElroy, MD MS, Duke University, Durham, NC, USA
Juan Carlos, MD, Northwestern University, Chicago, IL, USA

4:30 PM - 4:40 PM
The Costs of Pretransplant Services in Kidney Transplantation in the United States: Implications for Increasing Transplant Referrals
S. Mohanty¹, K. Xu², A. Dor², X. Cheng¹, ¹Stanford University, Palo Alto, CA, ²George Washington University

4:40 PM - 4:50 PM
Estimating Advance Care Planning and Palliative Care Consultation Prevalence and Racial Disparities Among Kidney Transplant Candidates and Recipients
M. Fisher¹, J. Scherer², D. Segev³, M. McAdams-DeMarco³, ¹School of Nursing, Johns Hopkins University, Baltimore, MD, ²Department of Medicine, New York University, New York, NY, ³Department of Surgery, New York University, New York, NY

4:50 PM - 5:00 PM
Safety and Efficacy of Kidney Transplantation from Donors with HIV to Recipients with HIV: Results of the Multicenter Hope in Action Study
Monday, June 5, 2023

**IMPACT Sessions**  
**7:00 AM - 8:00 AM**

**Program Topic: Heart & Lung**

**Leveling the Field in Health Disparities in Thoracic Transplantation - Equality vs. Equity vs. Justice...**

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

**Moderators:**  
Reginald Gohh, MD, The Warren Alpert Medical School of Brown University, Providence, RI, USA  
Nicole Hayde, MD, Montefiore Medical Center, Bronx, NY, USA

**7:00 AM - 7:15 AM**

**Disparities in Allocation of Advanced Heart Failure Therapies - Leaving No One Behind**  
Bhavadharini Ramu, MD, Medical University of South Carolina, Charleston, SC, USA

**7:15 AM - 7:30 AM**

**Disparities in Lung Transplantation Outcomes - How Can we do Better?**  
Wayne Tsuang, MD, Cleveland Clinic Foundation, Cleveland, OH, USA

**7:30 AM - 7:45 AM**

**Measuring Disparities in Practice: How can I be a Part of the Solution?**  
Alanna Morris, MD, MSc, Emory, Atlanta, GA, USA

**7:45 AM - 8:00 AM**

**Q&A**

**Program Topic: Advanced Practice Provider**

**Palliative Care in Transplant, a Continuum of Care**

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

**Moderators:**  
Marissa Anders, MSN, RN, APNP, AGNP-C, University of Wisconsin, Madison, WI, USA  
Hazel Domingo, MMSc, Northwestern, Chicago, IL, USA

**7:00 AM - 7:15 AM**

**Who is a Candidate for Palliative Care: Identifying Appropriate Transplant Patient Populations for Palliative Care**  
Karen Nissen-Boryczka, RN, BSN, MSHCE, Agrace, Fitchburg, WI, USA

**7:15 AM - 7:30 AM**

**Having Difficult Conversations: how to Start the Palliative Care Conversation With Patients and Families**  
Elizabeth Stearns, PA-C, MSPAS, MBA, Mayo Clinic Arizona, Scottsdale, AZ, USA

**7:30 AM - 7:45 AM**

**How Palliative Care and Transplant can Coexist**  
Laura McVay, MSN, GNP-C, Cedars Sinai, Los Angeles, CA

**7:00 AM - 7:15 AM**

**Five Years of Uterus Transplantation in the US (How Did We Get From a Research Endeavor to a Clinical Option?)**  
Liza Johannesson, MD, PhD, Baylor University Medical Center/Baylor Simmons Transplant Institute, Dallas, TX, USA

**7:15 AM - 7:30 AM**

**The Practical Ethics of Uterus Transplantation -- Cost, Utilization of Resources, Inherent Bias**  
Giuliano Testa, MD, MBA, FACS, Baylor University Medical Center, Dallas, TX, USA

**7:30 AM - 7:45 AM**

**How Do You Start a Uterus Transplant Program: Logistics, Barriers and Pitfalls**  
Andreas Tzakis, MD, Cleveland Clinic Florida, Miami, FL, USA

**7:45 AM - 8:00 AM**

**Q&A**

**Program Topic: Vascularized Composite Allograft**

**Uterus Transplantation: Where are We Now and How Did We Get There**

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

**Moderators:**  
Kim Olthoff, MD, University of Pennsylvania, Philadelphia, PA, USA  
Liza Johannesson, MD, PhD, Baylor University Medical Center/Baylor Simmons Transplant Institute, Dallas, TX, USA

**7:00 AM - 7:15 AM**

**Five Years of Uterus Transplantation in the US (How Did We Get From a Research Endeavor to a Clinical Option?)**  
Liza Johannesson, MD, PhD, Baylor University Medical Center/Baylor Simmons Transplant Institute, Dallas, TX, USA

**7:15 AM - 7:30 AM**

**The Practical Ethics of Uterus Transplantation -- Cost, Utilization of Resources, Inherent Bias**  
Giuliano Testa, MD, MBA, FACS, Baylor University Medical Center, Dallas, TX, USA

**7:30 AM - 7:45 AM**

**How Do You Start a Uterus Transplant Program: Logistics, Barriers and Pitfalls**  
Andreas Tzakis, MD, Cleveland Clinic Florida, Miami, FL, USA

**7:45 AM - 8:00 AM**

**Q&A**
7:45 AM - 8:00 AM
Q&A

Program Topic: Psychosocial and Ethics

Engaging Liver Transplant Recipients in Alcohol Treatment

7:00 AM - 8:00 AM
Moderators:
Alexandra Strauss, MD, PhD, MIE, Johns Hopkins University, Baltimore, MD, USA
Sheila Jowsey-Gregoire, MD, Mayo Clinic, Rochester, MN, USA

7:00 AM - 7:15 AM
The Impact of Tobacco, Alcohol, and Other Substance Use on Transplant Eligibility and Outcomes
Michael Lucey, MD, University of Wisconsin Hospital & Clinics, Madison, WI, USA

7:15 AM - 7:30 AM
Treatment Options for Alcohol Use Disorders Prior to and Following Liver Transplantation and Challenges Engaging Patients in Care
Jody Jones, PhD, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

7:30 AM - 7:45 AM
Evolving Practices in Engaging Patients in Alcohol Treatment Following Liver Transplantation
Lisa Teh, PhD, Montefiore Medical Center, New York, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Pharmacy

Teeing Up For Success: The Pharmacist Impact on Waitlist Management

7:00 AM - 8:00 AM
Moderators:
To Be Determined
Stacy Fredrick, PharmD, MBA, BCTXP, University of Rochester Medical Center, Rochester, NY, USA

7:00 AM - 7:15 AM
Leverage Your Resources! Tapping Into the EHR for Pre-Transplant Outcomes Monitoring
Marisa Cote, PharmD, BCTXP, Massachusetts General Hospital, Boston, MA, USA

7:15 AM - 7:30 AM
Cruisin’ For An Oozin’: Avoiding Anticoagulation Anguish In The OR
Andrew Brown, PharmD, BCTXP, Virginia Commonwealth University Health, Richmond, VA, USA

7:30 AM - 7:45 AM
Don’t Be A Pain! Planning Ahead For Surgical Pain Management In Opioid-Tolerant Transplant Candidates
Alicia Lichvar, PharmD, MS, University of California San Diego Health, La Jolla, CA, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Kidney

Kidney Transplant in Elderly

7:00 AM - 8:00 AM
Moderators:
Girish Mour, MD, Mayo Clinic, Phoenix, AZ, USA
Samira Farouk, MD, MSCR, FASN, Icahn School of Medicine at Mount Sinai, New York, NY, USA

7:00 AM - 7:15 AM
Frailty—Is There More Than One Kind?
Arpita Basu, MD, MPH, FASN, Emory Healthcare, Atlanta, GA, USA

7:15 AM - 7:30 AM
Challenges in Listing and Maintaining Waitlisted Elderly Patients
Joseph Kim, MD, PhD, MHS, MBA, FRCPC, University Health Network, Toronto, ON, Canada

7:30 AM - 7:45 AM
Redefining Success
Meera Harhay, MD, MSCE, Drexel University, Wynnewood, PA, USA

7:45 AM - 8:00 AM
Q&A
Program Topic: Liver
New Fields in Liver Transplant Oncology

7:00 AM - 8:00 AM
Moderators:
Majella Doyle, MD, MBA, Washington University in St. Louis, St. Louis, MO, USA
Kazunari Sasaki, MD, Stanford Medicine, Stanford, CA, USA

7:00 AM - 7:15 AM
Pre and Post Operative Management: Adjuvant Therapy and Immunosuppression
Kazunari Sasaki, MD, Stanford Medicine, Stanford, CA, USA

7:15 AM - 7:30 AM
How to Create a Multidisciplinary Transplant Oncology Program
Talia Baker, MD, University of Utah Health, Salt Lake City, UT, USA

7:30 AM - 7:45 AM
The Need for a National Registry of Liver Transplantation for Non-standard Oncological Indications
Roberto Hernandez-Alejandro, MD, University of Rochester Medical Center, Rochester, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Infectious Disease
Hope for HIV to HIV Transplants

7:00 AM - 8:00 AM
Moderators:
Shirish Huprikar, MD, The Mount Sinai Hospital, New York, NY, USA
Meenakshi Rana, MD, Icahn School of Medicine at Mount Sinai, New York City, NY, USA

7:00 AM - 7:15 AM
Update on HIV to HIV Liver and Kidney Transplantation
Christine Durand, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

7:15 AM - 7:30 AM
Update on HIV to HIV Thoracic Organ Transplantation

Program Topic: Pediatric
Organ Allocation in Pediatric Transplantation - Joint Symposium of the International Pediatric Transplant Association (IPTA) and ATC

7:00 AM - 8:00 AM
Moderators:
Lars Pape, MD, University Hospital of Essen, Essen, Germany
Carlos Esquivel, MD, PhD, Stanford University Medical Center, Stanford, CA, USA

7:00 AM - 7:15 AM
Equity vs. Utility in Pediatric Organ Transplantation
Lainie Ross, MD, PhD, University of Rochester, Rochester, NY, USA

7:15 AM - 7:30 AM
Differences in Pediatric Prioritization Worldwide
Michael Freeman, MD, MA, (Bioethics), Penn State College of Medicine/Penn State Children’s Hospital, Hershey, PA, USA

7:30 AM - 7:45 AM
The IPTA Position Statement Supporting Prioritizing Pediatric Recipients for Deceased Donor Allocation
Tom Blydt-Hansen, MDCM, BC Children’s Hospital, Vancouver, BC, Canada

7:45 AM - 8:00 AM
Q&A
Program Topic: Kidney

Proceedings From the 3rd International PTDM Consensus Meeting: Latest Guidelines, Updated Recommendations and Future Directions

7:00 AM - 8:00 AM
Moderators:
Amanda Vinson, MD, Kidney Research Institute Nova Scotia, Halifax, NS, Canada
Phuong-Thu Pham, MD, David Geffen School of Medicine, Los Angeles, CA, USA

7:00 AM - 7:15 AM
PTDM Epidemiology: Updated Risks, Pathophysiology and Outcome Data
Harini Chakkera, MD, MPH, Mayo Clinic Arizona, Phoenix, AZ, USA

7:15 AM - 7:30 AM
Future Direction for PTDM: Knowledge Gaps, Controversies and Research in Progress
Adnan Sharif, MD, FRCP, University Hospitals Birmingham, Birmingham, United Kingdom

7:30 AM - 7:45 AM
Proposed Algorithm for Treatment Hierarchy for PTDM Management Using Novel Anti-diabetic Agents
Aleksandra Kukla, MD, Mayo Clinic Rochester, Rochester, MN, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Translational

Emerging 'Omic' and Machine Learning Techniques: The Next Frontier in Transplant Research?

7:00 AM - 8:00 AM
Moderators:
James Gardner, MD, PhD, UCSF, San Francisco, CA, USA
Andrew Malone, MD, Washington University, St. Louis, MO, USA

7:00 AM - 7:15 AM
Multi-Omic Assessment of Allograft Rejection in Kidney Transplantation

Program Topic: Basic Science

Complement System in Organ Transplantation

7:00 AM - 8:00 AM
Moderators:
Peter Heeger, MD, Cedars-Sinai Medical Center, Los Angeles, CA, USA
Adriana Zeevi, PhD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

7:00 AM - 7:15 AM
Complement Regulation in the Immune System and Organ Transplantation
Peter Heeger, MD, Cedars-Sinai Medical Center, Los Angeles, CA, USA

7:15 AM - 7:30 AM
Multiple Roles of Complement System in Transplantation
Dan Jane-wit, MD, PHD, Yale University School of Medicine, New Haven, CT, USA

7:30 AM - 7:45 AM
A Novel Injury Site Directed Complement Inhibitor in Lung Transplantation
Carl Atkinson, PhD, University of Florida, Gainesville, FL, USA

7:45 AM - 8:00 AM
Q&A
Break
8:00 AM - 8:15 AM

Plenary Oral Abstract Session
8:15 AM - 9:15 AM

Program Topic: All Topics

Plenary Oral Abstract Session 2

8:15 AM - 9:15 AM
Moderators:
Ahmed Gaber, MD, FACS, Houston Methodist Hospital, Mobile, TX, USA
John Gill, MD, MS, University of British Columbia, Vancouver, BC, Canada

8:15 AM - 8:30 AM
Pd1+ T Cells Are Potential Mediators and/or Markers of Survival with Native Liver in Pediatric Acute Liver Failure
B. Rocque¹, J. Ascher Bartlett², T. Saputra³, S. Bangerth¹,
A. Barbetta¹, B. Roper¹, C. Weaver², R. Kohli², J. Emamaullee¹, ¹Surgery, University of Southern California
Keck School of Medicine, Los Angeles, CA,
²Gastroenterology, Hepatology and Nutrition, Children’s Hospital Los Angeles, Los Angeles, CA, ³University of Southern California, Los Angeles, CA

8:30 AM - 8:45 AM
Graft-Derived Interleukin-33 Drives Recipient T Lymphocyte Recovery After Antibody-Mediated Lymphoablation
Y. Yamamoto, R. Fan, M. Nicosia, V. Gorbacheva, A. Beavers, R. Fairchild, A. Valujskikh, Inflammation and Immunity, Lerner Research Institute, Cleveland Clinic, Cleveland, OH

8:45 AM - 9:00 AM
Renal Failure and Mortality After Heart Alone Transplant in Recipients with Egfr<40ml/min or on Dialysis in the United States
R. Attieh¹, M. Aljuhani², H. Wadei³, S. Jackson², R. El-Rifai⁴,
V. Humphereville⁵, T. Aleyx⁶, S. M. Riad⁷, ¹Transplant, Mayo Clinic, Jacksonville, FL, ²University of Minnesota, Minneapolis, MN, ³Mayo Clinic, Jacksonville, FL,
⁴University of Minnesota, Minneapolis, MN, ⁵Surgery, University of Minnesota, Minneapolis, MN, ⁶Medicine, University of Minnesota, Minneapolis, MN, ⁷Medicine, Mayo Clinic Rochester, Rochester, MN

9:00 AM - 9:15 AM
MTHFD2 Ablation in T Cells Protects Against Heart Transplant Rejection by Perturbing IRF4 Expression Through an Epigenetic Mechanism Involving Histone Methylation
Y. Li¹, J. Wu¹, ¹Department of Cardiovascular Surgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China,
²Department of Cardiovascular Surgery, Union Hospital, Tongji Medical College, Wuhan, China

Sponsor Networking
9:15 AM - 9:55 AM

Program Topic: All Topics
Sponsor Networking
Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hor d’oeuvres will be served.

Product Theater
9:15 AM - 9:45 AM

Program Topic: All Topics
Product Theater: Improving Access in Transplant Sponsored by DaVita

This product theater is not part of the ATC official educational program, and the session and content are not endorsed by ATC.

This is open to all registered ATC attendees and there is no separate registration fee to attend.

Poster Session C
9:15 AM - 9:55 AM

Program Topic: All Topics
Poster Session C Presenters in Attendance

• Basic Science: Ischemia Reperfusion
- Basic Science: Machine Perfusion and Organ Rehabilitation - Basic
- Basic Science: Signaling and Metabolism
- Basic Science: Tissue Engineering, Cellular, and Regenerative Medicine
- Public Policy and Regulatory Issues: Non-Organ Specific: Public Policy & Allocation
- Psychosocial & Ethics: Non-Organ Specific: Equity and Ethics
- Infectious Disease: Other Infection Including Heart and Lung
- Infectious Disease: PTLD
- Pharmacy: Non-Organ Specific: Clinical Pharmacy/Transplant Pharmacotherapy
- Kidney: Kidney Living Donor: Other
- Kidney: Kidney: Biomarkers
- Kidney: Kidney: Cardiovascular and Metabolic Complications
- Liver: Immunosuppression and Rejection
- Liver: Expanding the Donor Pool (Liver: MELD Allocation / Donor Issues)
- Liver: MELD Allocation
- Liver: Non HCC Hepatic Malignancies
- Liver: Pediatrics
- Lung: All Topics
- Pancreas: Pancreas and Islet: All Topics
- Organ Inclusive: Non-Organ Specific: Organ Preservation/Ischemia Reperfusion Injury

**ASTS Presidential Addresses**
9:55 AM - 10:25 AM

**ASTS Presidential Introduction & Address**

9:55 AM - 10:05 AM  
Introduction  
**A. Osama Gaber, MD, FACS**, Houston Methodist Hospital, Houston, TX, USA

10:05 AM - 10:25 AM

**ASTS Presidential Introduction & Address**

**William Chapman, MD, FACS**, Washington University School of Medicine, St. Louis, MO, USA

**ASTS Pioneer Award**  
10:25 AM - 10:50 AM  
Program Topic: All Topics

**ASTS Pioneer Award**  
Kim Olthoff, MD, University of Pennsylvania, Philadelphia, PA, USA

10:25 AM - 10:50 AM  
ASTS Pioneer Award

**Break**  
10:50 AM - 11:00 AM

**Innovations in Transplantation**  
11:00 AM - 11:55 AM

Program Topic: All Topics

**Innovations in Transplantation: ABO Incompatible Organ Transplantation**

11:00 AM - 11:55 AM  
Moderators:  
Linda Sher, MD, USC, Los Angeles, CA, USA  
Andrew Adams, MD, PhD, University of Minnesota Medical Center Fairview, Minneapolis, MN, USA

11:00 AM - 11:15 AM  
Deliberate Crossing of Blood Group Compatibility  
Young-in Yoon, Asan Medical Center, Seoul, Korea, Republic of

11:15 AM - 11:30 AM  
Universal Blood Type: Lungs  
Aizhou Wang, University Health Network, Toronto, ON, Canada

11:30 AM - 11:45 AM  
Blood Group Conversions: Donor Kidneys  
Peter Rahfeld, University of British Columbia, Vancouver, BC, Canada

11:45 AM - 11:55 AM  
Panel Discussion

Program Built in Pacific Time Zone  
PROGRAM AS OF JUNE 3, 2023
**Break**
11:55 AM - 12:15 PM

**Sponsored Satellite Symposia**
12:15 PM - 1:15 PM

Program Topic: All Topics

The New Gold Standard: Artificial Intelligence and Molecular Diagnostics Supported by CareDx

National OCS Program (NOP) – Transforming the Standard of Care Supported by TransMedics

Stronger for Longer: Managing Chronic Active ABMR in Renal Allograft Recipients Supported by an independent educational Grant from CSL Behring

Symposia will take place at the Manchester Grand Hyatt Hotel. These symposia are not part of the ATC official educational program, and the sessions and content are not endorsed by ATC.

These are open to all registered ATC attendees and there is no separate registration fee to attend.

**Meet the Expert Sessions**
12:15 PM - 1:15 PM

Program Topic: Other

Looking Under the Hood of High Impact Research: From Idea to Publication

12:15 PM - 1:15 PM
Moderators:
Manpreet Samra, MD, MBA, Edward Hines Jr. VA Hospital, Hines, IL, USA
Carli Lehr, MD, PhD, Cleveland Clinic, Cleveland, OH, USA

12:15 PM - 12:30 PM
How to Get Published in AJT
Roslyn Mannon, MD, University of Nebraska Medical Center, Omaha, NE, USA

12:30 PM - 12:45 PM
What do the Editors Look For?
Ron Shapiro, MD, Mount Sinai Medical Center, New York, NY, USA

12:45 PM - 1:15 PM
Q&A

Program Topic: Pediatric

Ethical Issues in Pediatric Organ Transplantation: Which Kids are “Too Sick” for Solid Organ Transplant?

12:15 PM - 1:15 PM
Moderators:
Amy Bobrowski, MD, Cleveland Clinic Children’s, Cleveland, OH, USA
Evelyn Hsu, MD, Seattle Children's Hospital, Seattle, WA, USA

12:15 PM - 12:30 PM
“Medically Complex” Pediatric Patients with Organ Failure: Ethical Framework for Determining Eligibility
Aviva Goldberg, MD, MA, University of Manitoba, Winnipeg, MB, Canada

12:30 PM - 12:45 PM
Outcomes of Transplant in the Medically Complex: What do we Know, and What is Relevant?
George Mazariegos, MD, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

12:45 PM - 1:15 PM
Q&A

Program Topic: Advanced Practice Provider

DCD Basics for APPs

12:15 PM - 1:15 PM
Moderators:
Georgeine Smith, Hospital of the University of Pennsylvania, Philadelphia, PA, USA
Kristopher Croome, MD, Mayo Clinic Jacksonville, Jacksonville, FL, USA

12:15 PM - 1:15 PM
DCD Basics for APPs
JoLynn Shinsako, MS, PA-C, University of Colorado School of Medicine, Aurora, CO, USA

12:15 PM - 1:15 PM
DCD Basics for APPs
Elizabeth Stearns, MS, PA-C, MBA, Mayo Clinic Arizona, Phoenix, AZ, USA

Program Topic: Infectious Disease
Show Me The Money: Strategies for Funding Transplant ID Programs and Fellowships at Your Hospital

12:15 PM - 1:15 PM
Moderators:
Joanna Scharenman, MD, PhD, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA
Ajit Limaye, MD, University of Washington, Seattle, WA, USA

12:15 PM - 12:30 PM
Securing Support for Transplant ID Fellowship Programs
Aruna Subramanian, MD, Stanford University, Stanford, CA, USA

12:30 PM - 12:45 PM
Finessing the Funds Flow for Transplant ID
Jay Fishman, MD, Massachusetts General Hospital - Harvard Medical School, Boston, MA, USA

12:45 PM - 1:15 PM
Q&A

Program Topic: Kidney
The Time Is Now: Removing Disincentives to Living Donation

12:15 PM - 1:15 PM
Moderators:
Ken Sutha, MD, PhD, Stanford University School of Medicine, Palo Alto, CA, USA
Michael Mittelman, MBA, American Living Organ Donor Fund, Philadelphia, PA, USA

12:15 PM - 12:30 PM
Roadblocks to Living Donation: Discussion of Existing Disincentives

Ellen Shukhman, RN-BC, BSN, CCTC, Cedars-Sinai, Los Angeles, CA, USA

12:30 PM - 12:45 PM
Actionable Items for Removing Disincentives to Living Donation
Amit Mathur, MD, MS, FACS, Mayo Clinic, Phoenix, AZ, USA

12:45 PM - 1:00 PM
Donor Mentor Programs
Alexis Carter, MPH, The University of Alabama at Birmingham, Birmingham, AL, USA

1:00 PM - 1:15 PM
Q&A

Break
1:15 PM - 1:30 PM

IMPACT Sessions
1:30 PM - 2:30 PM

Program Topic: Basic Science
Engineered Regulatory Cells in Transplantation

1:30 PM - 2:30 PM
Moderators:
William Kitchens, MD, PhD, Emory Transplant Center, Atlanta, GA, USA
Jonathan Bromberg, MD, PhD, University of Maryland School of Medicine, Baltimore, MD, USA

1:30 PM - 1:45 PM
Regulatory T Cells Engineered with TCR Signaling-responsive IL-2 Nanogels Suppress Alloimmunity
Jamil Azzi, MD, Harvard Medical School, Boston, MA, USA

1:45 PM - 2:00 PM
Regulatory T Cell Homeostasis
Nikolaos Skartsis, MD, PhD, Mayo Clinic College of Medicine & Science, Rochester, MN, USA

2:00 PM - 2:15 PM
Suppression of Allograft Rejection by Regulatory B Cells Generated via Toll-like Receptor Signaling
James Markmann, MD, PhD, Massachusetts General Hospital, Boston, MA, USA
2:15 PM - 2:30 PM
Q&A

Program Topic: Liver

Facilitating the Growth of DCD Liver Transplant

1:30 PM - 2:30 PM
Moderators:
David Foley, MD, FACS, FAST, FAASLD, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA
Seth Karp, MD, Vanderbilt University Medical Center, Nashville, TN, USA

1:30 PM - 1:45 PM
Why Should We Pursue DCD Liver Transplant? How Do You Get “Buy-in” From the Surgeons, the Hepatologists and the Patients?
Emily Bugeaud, MD, PhD, Ochsner Health System, New Orleans, LA, USA

1:45 PM - 2:00 PM
OPOs role in DCD Procurement
Giuliano Testa, MD, MBA, FACS, Baylor Simmons Transplant Institute, Dallas, TX, USA

2:00 PM - 2:15 PM
Improving Program Efficiency By Removing Logistic Barriers and Lowering Costs for DCD Livers
Eric Martinez, MD, Simmons Transplant Institute- Baylor Univ. Medical Center-Dallas, Dallas, TX, USA

2:15 PM - 2:30 PM
Q&A

Program Topic: Kidney

Let Food be Thy Medicine - Nutrition In Kidney Transplantation

1:30 PM - 2:30 PM
Moderators:
Song Ong, MD, University of Alabama at Birmingham, Birmingham, AL, AL, USA
Brian Lee, MBBCh, UT Austin, Austin, TX, USA

1:30 PM - 1:45 PM
Eating to Live: Nutrition in CKD
Kamyar Kalantar-Zadeh, MD, MPH, PhD, University of California, Torrance, CA, USA

1:45 PM - 2:00 PM
The Meat of the Matter - Translating Nutritional Science into Practice
Meredith Skulski, MS, RD, CCTD, Dell Seton Medical Center- UT Austin, Austin, TX, USA

2:00 PM - 2:15 PM
Pound for Pound - Transplant Bariatrics and Weight Loss Management Pre and Post Transplant
Babak Orandi, MD, PhD, MSc, University of Alabama at Birmingham, AL, USA
Program Topic: Infectious Disease

The Challenge of Climate Change and its Impact on Transplant Infections

1:30 PM - 2:30 PM
Moderators:
Peter Chin-Hong, MD, University of California San Francisco, San Francisco, CA, USA
Robin Avery, MD, Johns Hopkins, Baltimore, MD, USA

1:30 PM - 1:45 PM
Santa Ana Winds, Valley Fever, and Beyond!
Ilan Schwartz, MD, PhD, Duke University School of Medicine, Durham, NC, USA

1:45 PM - 2:00 PM
The Plague is Coming! Changing Patterns of Vector-borne Illness in Transplantation
Michele Morris, MD, FIDSA, FACT, University of Miami Miller School of Medicine, Miami, FL, USA

2:00 PM - 2:15 PM
Seasons Change - Is Viral Seasonality Changing, Too?
Marian Michaels, MD, MPH, UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA, USA

2:15 PM - 2:30 PM
Q&A

Program Topic: Pharmacy & Advanced Practice Provider

Best Practices for Patient Education: Bridging the Equity Gap and Leveraging Technology

1:30 PM - 2:30 PM
Moderators:
Demetra Tsapepas, PharmD, MBA, Columbia University/New York-Presbyterian Hospital, New York, NY, USA
Jeong Park, PharmD MS BCPS FCCP FAST, University of Michigan, Ann Arbor, MI, USA

1:30 PM - 1:45 PM
Organizational Health Literacy in Solid Organ Transplant

Program Topic: Liver

From Identification to Action: Developing Interventions to Narrow Racial and Socioeconomic Disparities in Liver Transplantation

1:30 PM - 2:30 PM
Moderators:
Sharad Wadhwani, MD, MPH, University of California San Francisco, San Francisco, CA, USA
Julie Bonn, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

1:30 PM - 1:45 PM
Centering the Needs of Transplant Stakeholders in Health Equity Work
Sharad Wadhwani, MD, MPH, University of California San Francisco, San Francisco, CA, USA

1:45 PM - 2:00 PM
Policy Changes to Prioritize Equity
Jayme Locke, MD, MPH, FACS, FAST, University of Alabama at Birmingham School of Medicine, Birmingham, AL, USA

2:00 PM - 2:15 PM
The Road to Equity: Developing Health System Interventions to Narrow Disparities in Solid Organ Transplantation
Dinee Simpson, MD, Northwestern University, Chicago, IL, USA

Patient Education
Sabrina Ortega, PA-C, New Presbyterian Hospital, New York, NY, USA

1:45 PM - 2:00 PM
Patient-Centered Education Using Video and Digital Platform
Holly Mansell, PharmD, University of Saskatchewan, Saskatoon, SK, Canada

2:00 PM - 2:15 PM
Technology-Supported Patient-Friendly Medication Schedule and Adherence Tools
Tiffany Kaiser, PharmD, University of Cincinnati, Cincinnati, OH, USA

2:15 PM - 2:30 PM
Q&A
2:15 PM - 2:30 PM
Q&A

**Program Topic: Basic Science**

**Approaches for Biomaterial-Based Immunosuppression Systems**

1:30 PM - 2:30 PM
Moderators:
Reza Abdi, MD, Brigham and Women’s Hospital, Boston, MA, USA
Xunrong Luo, MD, PhD, Duke University, Durham, NC, USA

1:30 PM - 1:45 PM
Targeted Delivery of Immunosuppressive Agents to the Graft Endothelium for the Prevention of Rejection in Lung Transplantation
Carl Atkinson, PhD, University of Florida, Gainesville, FL, USA

1:45 PM - 2:00 PM
Multiphase Assembly of Small Molecule Microcrystalline Peptide Hydrogel Allows Immunomodulatory Combination Therapy for Long-Term Heart Transplant Survival
Joel Schneider, PhD, National Cancer Institute, Frederick, MD, USA

2:00 PM - 2:15 PM
Subcutaneous Nanoparticle Delivery of Rapamycin to Antigen Presenting Cells
Jacqueline Burke, PhD, N/A, Chicago, IL, USA

2:15 PM - 2:30 PM
Q&A

**Program Topic: Other**

**Manufacturing Organs From Patient’s Own Cells: Where are We and What it Will Take to Get Where We Want**

1:30 PM - 2:30 PM
Moderators:
Giuseppe Orlando, MD, PhD, Wake Forest University Baptist Medical Center, Winston Salem, NC, USA
Kim Solez, MD, University of Alberta, Edmonton, AB, Canada

1:30 PM - 1:45 PM
Bioengineering Hearts for Transplant Purposes
John Cleveland, MD, Children's Hospital Los Angeles, Los Angeles, CA, USA

1:45 PM - 2:00 PM
Beta Cells Replacement via Stem Cell Engineering
Jon Odorico, MD, University of Wisconsin Hospital and Clinics, Madison, WI, USA

2:00 PM - 2:15 PM
Bioengineering Livers for Transplant Purposes
Bhanu Telugu, D.V.M., Ph.D, RenOVAt e Biosciences Inc, Reisterstown, MD, USA

2:15 PM - 2:30 PM
Kidney Bioengineering, Regeneration, and Repair
Ashwani Gupta, PhD, University of Arizona, Tucson, AZ, USA

**Program Topic: Psychosocial and Ethics**

**Late Breaking IMPACT: Perspectives on Donor Research – Victories and Failures, Obstacles and Opportunities: The Imperative for Continued Progress**

1:30 PM - 2:30 PM
Moderators:
Michael Kueht, MD, University of Texas Medical Branch, Galveston, TX, USA
Ali Zarrinpar, MD, PhD, University of California Los Angeles, Gainesville, FL, USA

1:30 PM - 1:45 PM
Prima Facie: The Role of OPO-Transplant Center-Donor Hospital Partnerships in Maximizing Opportunities in Donor Intervention Research and Maintaining Public Trust
Heidi Wagenhauser, BS, Southwest Transplant Alliance, Dallas, TX, USA

1:45 PM - 2:00 PM
Justice and Autonomy: Implications and Strategies for Informed Consent for Donor Intervention Research in the Current Organ Allocation System
Julia Gorey, OHRP, Rockville, MD, USA

1:45 PM - 2:00 PM
Beneficence and Nonmaleficence: Establishing a Scientific Base for Improving Recipient Outcomes through
Program Topic: Professional Development
Creating a Sustainable Transplant Workforce: Moving Beyond the Individual to Redesigning the System

1:30 PM - 2:30 PM
Moderators:
Michelle Jesse, PhD, Henry Ford Health System, Detroit, MI, USA
Lisa Teh, PhD, Montefiore Medical Center, New York, NY, USA

1:30 PM - 1:45 PM
Creating Supportive Professional Cultures: Strategies for Effective Leadership
Marwan Abouljoud, MD, Henry Ford Hospital, Detroit, MI, USA

1:45 PM - 2:00 PM
Work System Redesign in the Real World: Center-Level Initiatives to Create Sustainable Workflows
Laura Butler, MSN, MMHC, Montefiore Einstein Center for Transplantation, New York, NY, USA

2:00 PM - 2:15 PM
Policy, Advocacy, and Payers: A Paradigm Shift to Include Clinician Outcomes
Luke Preczewski, BS, Jackson Health System, Miami, FL, USA

Program Topic: Other
Artificial Intelligence and Data Driven Decision Making in Transplantation

1:30 PM - 2:30 PM
Moderators:
Erika Helgeson, PhD, University of Minnesota, Minneapolis, MN, USA

1:30 PM - 1:45 PM
Artificial Intelligence for Classification in Transplantation
Alexandre Loupy, MD, PhD, Paris Transplant Group, Paris, France

1:45 PM - 2:00 PM
Development, Validation, and Application of Decision Aids in Transplantation
Allan Massie, PhD, NYU Langone Health, New York, NY, USA

2:00 PM - 2:15 PM
Strengths and Weakness of Machine Learning in Clinical Transplantation
Mamatha Bhat, MD, PhD, University Health Network, Toronto, ON, Canada

2:15 PM - 2:30 PM
Q&A

Sponsor Networking
2:30 PM - 3:00 PM

Program Topic: All Topics

Sponsor Networking

Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hors D’oeuvres will be served.

Program Topic: All Topics

Poster Session C
2:30 PM - 3:00 PM

Program Topic: All Topics

Poster Session C Presenters in Attendance

- Basic Science: Ischemia Reperfusion
- Basic Science: Machine Perfusion and Organ Rehabilitation - Basic
- Basic Science: Signaling and Metabolism
1. **Basic Science**: Tissue Engineering, Cellular, and Regenerative Medicine
2. **Public Policy and Regulatory Issues**: Non-Organ Specific: Public Policy & Allocation
3. **Psychosocial & Ethics**: Non-Organ Specific: Equity and Ethics
4. **Infectious Disease**: Other Infection Including Heart and Lung
5. **Infectious Disease**: PTLD
6. **Pharmacy**: Non-Organ Specific: Clinical Pharmacy/Transplant Pharmacotherapy
7. **Kidney**: Kidney Living Donor: Other
8. **Kidney**: Kidney: Biomarkers
9. **Kidney**: Kidney: Cardiovascular and Metabolic Complications
10. **Liver**: Immunosuppression and Rejection
11. **Liver**: Expanding the Donor Pool (Liver: MELD Allocation / Donor Issues)
12. **Liver**: MELD Allocation
13. **Liver**: Non HCC Hepatic Malignancies
14. **Liver**: Pediatrics
15. **Lung**: All Topics
16. **Pancreas**: Pancreas and Islet: All Topics
17. **Organ Inclusive**: Non-Organ Specific: Organ Preservation/Ischemia Reperfusion Injury

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**Poster Chat Session 2**

2:30 PM - 3:00 PM

**Program Topic: Kidney**

**Kidney**

2:30 PM - 3:00 PM

**Program Topic: Basic Science & Infectious Disease**

**Basic Science and Infectious Disease**

2:30 PM - 3:00 PM

Moderator:
Daniel Kaul, MD, University of Michigan, Ann Arbor, MI, USA

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**2:40 PM - 2:50 PM**

P. D. Michael, J. Chaval, R. Ramos, E. Ferguson, A. Wee, Y. Lin, J. Kaouk, M. Eltemamy, Cleveland Clinic, Cleveland, OH

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**2:50 PM - 3:00 PM**

Combination of Blood Gene Expression (AlloMap) and Donor Derived Cell Free DNA (Allosure) to Diagnose Allograft Rejection in Kidney Transplant Recipients
R. Dandamudi1, N. Sulejmani2, L. Walther3, J. Lujain1, M. Agarwal1, C. Goss3, H. xu4, V. Dharnidharka5, 1Washington University School of Medicine, St. Louis, MO, 2CareDx, Sterling Heights, MI, 3Washington University School of Medicine, St.Louis, MO, 4CareDx, Brisbane, CA, 5Washington University School of Medicine, Saint Louis, MO

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**Program Topic: Basic Science & Infectious Disease**

**Basic Science and Infectious Disease**

2:30 PM - 3:00 PM

Moderator:
Daniel Kaul, MD, University of Michigan, Ann Arbor, MI, USA

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**2:40 PM - 2:50 PM**

A Novel II-2 Mutein Induces Regulatory T Cell-Rich Microenvironment and Leads to Alloantigen-Specific Graft Acceptance
Y. Ganchiku1, T. Borges1, R. B. Gassen1, O. Efe1, Z. Shriver2, G. J. Babcock2, L. Riella1, 1Massachusetts General Hospital, Boston, MA, 2Visterra Inc., Waltham, MA

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**2:50 PM - 3:00 PM**

When You Need to Dive in the Deep End - Transplanting SARS-COV-2 PCR+ Recipients
S. Zarala Monzon1, J. G. Aaron2, B. A. Miko2, A. N. Fox2, M. Bergelson2, A. DeVore1, M. Segovia1, C. R. Wolfe1, M. R. Pereira2, 1Duke University Medical Center, Durham, NC, 2Columbia University, New York, NY
Focus in Transplantation
3:00 PM - 5:30 PM

Program Topic: Translational
Utilizing AI and Deep Based Learning Approaches in Transplantation

3:00 PM - 5:30 PM
Moderators:
Evan Farkash, MD, PhD, University of Michigan Health System, Ann Arbor, MI, USA
Alton Farris, MD, MBA, Emory University Hospital, Atlanta, GA, USA

3:00 PM - 3:20 PM
Deep Learning Applications in Solid Organ Transplantation and Related Complications
Sook Park, MD, MSCI, Northwestern University, Chicago, IL, USA

3:20 PM - 3:40 PM
AI in Pathology: What Can Go Right... Or Wrong?
Richard Levenson, MD, University of California Davis, Sacramento, CA, USA

3:40 PM - 4:00 PM
Application of Deep Learning in Liver Transplant Histology
Mamatha Bhat, MD, MSc, FRCPC, UHN, Toronto, ON, Canada

4:00 PM - 4:10 PM
Q&A

4:10 PM - 4:20 PM
Break

4:20 PM - 4:40 PM
Mass Spectrometry, Metabolomics, and Big Data in Kidney Health and Disease
Kumar Sharma, The University of Texas Health Science Center at San Antonio, San Antonio, TX, USA

4:40 PM - 5:00 PM
Spatial Resolution of Expression Analysis in Kidney Transplant Biopsies
Paolo Cravedi, MD, Mount Sinai, New York, NY, USA

5:00 PM - 5:20 PM
Improving Prediction of Heart Transplantation Outcome Using Deep Learning Techniques
Faisal Mahmood, Harvard University, Boston, MA, USA

5:20 PM - 5:30 PM
Q&A

Rapid Fire Oral Abstract Sessions
3:00 PM - 4:20 PM

Program Topic: Kidney
Kidney Immunosuppression: Novel Regimens and Drug Minimization

3:00 PM - 4:20 PM
Moderators:
Stephan Busque, MD, FRCSC, Stanford University School of Medicine, Palo Alto, CA, USA
Angelo de Mattos, MD, MPH, Oregon Health & Science University, Portland, OR, USA

3:00 PM - 3:10 PM
Addition of a Single Low Dose of Total Body Irradiation (tbi) to a Total Lymphoid Irradiation (tli) and Anti-Thymocyte Globulin (atg) Conditioning Regimen Improves Mixed Hematopoietic Engraftment in a Tolerance Induction Protocol After Hla-Haplo-Matched (hhm) Living Donor Kidney Transplantation
S. Busque, J. Scandling, R. Lowsky, T. Pham, R. Hoppe, K. Jensen, A. Shori, G. Kuo, H. Wu, R. Gilfanova, E. Meyer, S. Strober, Stanford University School of Medicine, Stanford, CA

3:10 PM - 3:20 PM
Evaluation of Extended Release and Immediate Release Tacrolimus with Early Steroid Withdrawal in Kidney Transplants Utilizing Novel Endpoints
R. Alloway1, A. Shields1, S. Tremblay2, R. Tanka3, T. Minuzo3, A. Vink3, A. Christianson1, M. Cuffy1, S. Bumb1, J. Kremer4, E. Woodle1, 1University of Cincinnati, Cincinnati, OH, 2Veloxis Pharmaceuticals, Cary, NC, 3Cincinnati Childrens Medical Center, Cincinnati, OH, 4The Christ Hospital, Cincinnati, OH

3:20 PM - 3:30 PM
Five Years Results of De Novo Kidney Transplant Recipients Treated with the Combination of Low Dose Tacrolimus and Everolimus: A Prospective Randomized
Clinical Trial
P. Silvestri1, G. Spagnoletti2, M. Salerno1, E. Favi3, N. Zanoni3, F. Citterio1. 1Renal Transplantation, Università Cattolica Sacro Cuore, Roma, Italy, 2Surgery - Renal Transplant Unit, Fondazione Policlinico Universitario A. Gemelli, Roma - IRCCS, Rome, Italy, 3Renal Transplantation, Fondazione IRCCS Ca’ Granda, Ospedale Maggiore Milano, Milan, Italy

3:30 PM - 3:40 PM
Assessing the Safety & Efficacy of Renal Artery Infusions of C1 Esterase Inhibitor (c1inh) in Kidney Transplant Recipients at Risk for Ir/Idgf
N. Ammerman, A. Vo, E. Huang, I. Kim, J. Hou, K. Hernando, N. Badash, R. Najjar, A. Peng, T. Todo, T. Brennan, B. Shin, S. Kumar, K. Lim, M. Gillespie, V. Bui, S. C. Jordan, Comprehensive Transplant Center, Cedars-Sinai Medical Center, Los Angeles, CA

3:40 PM - 3:50 PM
Cytomegalovirus Infection In Renal Transplant Recipients Converted To Belatacept Following Alemtuzumab Induction
J. J. Mikolay Jr.1, E. Hatch1, M. Churchwell1, P. Sindhwani1, O. Ekwenna1, D. Malhotra2, S. Ratnam2, D. Kaw1, M. Rees1, N. Nadiminty2, J. Rabets1, K. Yadav1, 1University of Toledo Medical Center, Toledo, OH; 2University of Toledo, Toledo, OH

3:50 PM - 4:00 PM
Conversion of Belatacept Dosing to Two Monthly Interval in Kidney Transplant Patients Deemed at High Risk of Infections: A Single-Center Study
J. Christensen, R. Thompson, L. Kamal, R. Winstead, G. Gupta, VCUHealth, Richmond, VA

4:00 PM - 4:10 PM
Registry-Based External Controls for Benefit Study - Demonstration of RWE for Long-Term Survival Comparisons
A. Klein1, A. Toll2, D. Stewart3, W. E. Fitzsimmons1, 1Critical Path Institute, Tucson, AZ; 2Research, United Network for Organ Sharing, Silverdale, WA; 3Department of Surgery, NYU Langone Health, New York, NY

4:10 PM - 4:20 PM
Multimodality Induction with Eculizumab and Obinutuzumab in Highly Sensitized Deceased Donor Kidney Transplant Recipients: A Pilot Study
E. Favi1, M. Perego1, G. Germiass1, C. Alfiere2, G. Castellano2, M. Ferraresi1, 1General Surgery and Kidney Transplantation, Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Milan, Italy, 2Nephrology, Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Milan, Italy

Program Topic: Heart
Heart Transplant Donor and Allocation Management

3:00 PM - 4:20 PM
Moderators:
Geetha Bhat, MD, PhD, The Christ Hospital, Cincinnati, OH, USA
Jignesh Patel, MD, PhD, Cedars-Sinai Heart Institute, Beverly Hills, CA, USA

3:00 PM - 3:10 PM
Is it Time to Extend Donor Ischemic Time Beyond 4 Hours in Heart Transplant?
H. Farhoud1, T. Dalia1, J. Mancuso1, K. Takeda2, D. Meyer3, D. D’Alessandro4, Z. Shah1, S. Silvestry5, P. Downey1, M. Danter1, A. Vidic1, 1University of Kansas Medical Center, Kansas City, KS; 2Surgery, Columbia University, New York, NY; 3Cardiac and Thoracic Surgery at Baylor University Medical Center Dallas, Dallas, TX; 4Massachusetts General Hospital, Boston, MA; 5AdventHealth Transplant Institute, Orlando, FL

3:10 PM - 3:20 PM
Utilization of Heart Machine Perfusion for Donation After Cardiac Death Transplantation Does Not Compromise Liver Transplant Outcomes

3:20 PM - 3:30 PM
Clinical Application and Outcomes with Use of the Heart Organ Care System
J. Stehlik1, C. Milano2, S. Pinney2, C. Patel3, D. D'Alessandro5, R. P. Davis5, C. Maulion5, D. Goldstein7, U. Jorde7, J. Pal6, M. Daneshmand6, F. Esmailian9, J. A. Kobashigawa11, S. Pham12, P. Patel12, K. Takeda13, N. Urie13, A. S. Shah14, M. Kai15, G. Couper16, A. Vest16, B. Sun17, L. Lozonschi18, M. Ono19, L. Klein20, D. T. Pham21, D. Joyce22, H. Mallidi23, M. R. Mehra23, M. Farr24, 1University Of Utah School Of Medicine, Salt Lake City, UT; 2Duke University, Durham, NC; 3University of Chicago, Chicago, IL; 4Duke University Med Ctr, Durham, NC; 5Massachusetts General Hospital, Boston, MA; 6Yale New Haven Hospital, New Haven, CT; 7Montefiore Medical Center, Bronx, NY; 8University of Washington Medical Center, Seattle, WA,
3:30 PM - 3:40 PM
Waiting List Mortality Under the New Adult Heart System Suggests Potential Status Changes
K. Lindblad, E. Schnellinger, R. Daly, J. Menteer, S. Hall, UNOS, Richmond, VA, Mayo Clinic, Rochester, MN, Children's Hospital Los Angeles, Los Angeles, CA, Baylor University Medical Center, Dallas, TX

3:40 PM - 3:50 PM
Impact of Removing OPTN Region from Heart Transplant Allocation
A. Martinez, K. Lindblad, E. Schnellinger, K. Bradbrook, R. Daly, S. Hall, J. Menteer, United Network for Organ Sharing, Richmond, VA, UNOS, Richmond, VA, Research, United Network for Organ Sharing, Richmond, VA, Mayo Clinic, Rochester, MN, Baylor University Medical Center, Dallas, TX, University of Southern California, Los Angeles, CA

3:50 PM - 4:00 PM
A Novel Heart Allocation Score Predicts Waitlist Survival Better Than the Current 6-Status Heart Allocation System
K. Zhang, M. Churpek, N. Narang, W. F. Parker, Pulmonary and Critical Care, University of Chicago, Chicago, IL, Department of Medicine, University of Wisconsin-Madison, Madison, WI, Advocate Christ Medical Center, Oak Lawn, IL, Department of Medicine, University of Chicago, Chicago, IL

4:00 PM - 4:10 PM
A Dynamic Calculator of Waitlist Outcomes for Adult Heart Transplant Candidates
G. R. Lyden, M. Colvin, C. Schaffhausen, D. Zaun, J. J. Snyder, A. Hart, Hennepin Healthcare Research Institute, Minneapolis, MN, University of Michigan, Ann Arbor, MI

4:10 PM - 4:20 PM
Outcomes of Hepatitis B Virus-Infected Donors in Heart Transplantation
E. Habib, O. Baqal, M. Klanderman, B. Aqeel, L. LeMond, Internal Medicine, Mayo Clinic, Phoenix, AZ, Mayo Clinic, Phoenix, AZ

Program Topic: Basic Science
Late Breaking: Basic & Translational

3:00 PM - 4:20 PM
Moderators:
Joseph Leventhal, MD, PhD, FACS, Northwestern Medicine, Chicago, IL, USA
Robert Fairchild, PhD, Cleveland Clinic, Cleveland, OH, USA

3:00 PM - 3:10 PM
Prior Viral Infection Primes Cross-Reactive CD8+ T Cells That Respond to Mouse Heart Allografts
M. Khorki, T. Shi, A. Burg, E. Ciancio, J. Katz, D. Hildeman, Pediatric Nephrology, Cincinnati Children's Hospital, Cincinnati, OH, Immunobiology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH

3:10 PM - 3:20 PM
3D Bioprinting of a Bionic Pancreas with a Vascular System as a Macro-Device for Stem-Cell Derived Beta Cells or Knocked-Out Xeno-Derived Islets - Results of Transplantation in Large Animals

3:20 PM - 3:30 PM
Activated Frozen Thawed Mesenchymal Stem Cells in Humanized Mice After Induction of Acute Liver Injury Through Alcohol Binging Response at Various Doses

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Kidney

Kidney: Biomarkers -2

3:30 PM - 4:20 PM
Moderators:
Emilio Poggio, MD, Cleveland Clinic, Cleveland, OH, USA
Christopher Marsh, MD, FACS, FAST, Scripps Clinic & Scripps Green Hospital, La Jolla, CA, USA

3:00 PM - 4:20 PM
Belatacept Modifies the Immune Event Risk Associated with Predicted Indirectly Recognizable HLA Epitopes (PIRCH-2)

A. C. Johnson1, J. Zhang1, L. Gragert2, C. P. Larsen1,
1Emory University, Atlanta, GA, 2Tulane University School of Medicine, New Orleans, LA

3:10 PM - 3:20 PM
Kidney Allograft Rejection is Associated with an Imbalance of B Cells, Regulatory T Cells nd Differentiated Cd28-cd8+ T Cells - Analysis of a Cohort of 1095 Graft Biopsies

H. L. Mai1, N. Degauque1, M. Lorent1, M. Rimbert2, K. Renaudin3, R. Danger1, C. Kerleau1, G. Tilly1, F. Delbos4, A. Walencik4, M. Giral5, S. Brouard1, 1CHU Nantes, CR2TI - INSERM UMR1064, Nantes Université, Nantes, France, 2CIMNA, CHU Nantes, CR2TI - INSERM UMR1064, Nantes Université, Nantes, France, 3Service d'Anatomie et Cytologie Pathologiques, CHU Nantes, CR2TI - INSERM UMR1064, Nantes Université, Nantes, France, 4Etablissement Français du Sang (EFS), CHU Nantes, Nantes Université, Nantes, France, 5Service de Néphrologie et Immunologie Clinique, CHU Nantes, CR2TI - INSERM UMR1064, Nantes Université, Nantes, France

3:20 PM - 3:30 PM
Pre-Transplant Mitochondrial Respiration in Human Kidney Allografts Predicts Clinical Outcome Upon Transplantation

A. T. Meszaros1, S. Gasteiger2, P. van Appeldorn2, K. Kinzer2, M. Koett2, J. Hofmann2, D. Oefner2, S. Schneeberger2, A. Weissenbacher2, 1Department of Visceral, Transplant and Thoracic Surgery, Department of Visceral, Transplantation and Thoracic Surgery, Medical University Innsbruck, Innsbruck, Austria, 2Department of Visceral, Transplant and Thoracic Surgery, Medical University Innsbruck, Innsbruck, Austria

3:30 PM - 4:00 PM
Insulin-Independence of Diabetic Pigs After Autotransplantation of 3D-Bioprinted Bionic Pancreatic Tissue Petals

M. Wszo1, M. Klak1, A. Berman1, O. Janowska1, D. Ujazdowska2, S. Domański1, T. Dobrzanski1, D. Szkopek3, A. Filip2, K. Roszkowicz-Ostrowska3, A. Kondej3, J. Wolinski3, A. Kaminski4, 1Polbionica Sp. z o.o., Warsaw, Poland, 2Foundation of Research and Science Development, Warsaw, Poland, 3The Kielanowski Institute of Animal Physiology and Nutrition PAS, Jabłonna, Poland, 4Warsaw Medical University, Warsaw, Poland

3:40 PM - 3:50 PM
Single-Cell RNA Sequencing Reveals the Pivotal Role of IRF1 in Macrophages in Renal Allograft Rejection

Y. Chen, Q. Zhang, M. Huang, P. Gao, X. Su, H. Zhang, L. Liu, C. Wang, Organ Transplant Center, The First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, China

3:50 PM - 4:00 PM
Induction of “Spontaneous” Allograft Tolerance by Pluripotent Stem Cells

T. Kamatani, K. Seino, Division of Immunobiology, Institute for Genetic Medicine, Hokkaido University, Sapporo, Japan

4:00 PM - 4:10 PM
Deciphering HLA-DQ Immunogenicity: A Small Step Forward

C. Maguire1, P. Crivello2, S. Heidt3, V. Kosmoliaptsis4, A. Tambur5, 1Transplant Immunology, Northwestern University, Chicago, IL, 2UK-Essen, Essen, Germany, 3Leiden Medical Center, Leiden, Netherlands, 4U of Cambridge, Cambridge, United Kingdom, 5Northwestern University, Chicago, IL

4:10 PM - 4:20 PM
Auxiliary Liver Xenotransplantation Technique in a Transgenic Pig-to-Non-Human Primate Model: A Surgical Approach to Prolong Survival and Better Understand Graft Rejection

S. Park, K. Oh, K. Lee, J. Park, General Surgery, Samsung Medical Center, Seoul, Korea, Republic of Korea

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
3:40 PM - 3:50 PM
Subclinical Rejection-Free Diagnostic After Kidney Transplantation Using Blood Gene Expression
R. Danger¹, L. Le Berre¹, M. Cadoux¹, C. Kerleau¹, E. Papuchon¹, P. Guérif², E. Morelon², O. Thaunat², C. Legendre³, D. Anglicheau³, C. Lefaucheur³, L. Le³, P. Guérif¹, ¹CR2TI-INSERM UMR 1064, CHU Nantes - Nantes Université, Nantes, France, ²Édouard Herriot Hospital, Hospices Civils de Lyon, INSERM Unit 1111, Lyon-Est Medical Faculty, Claude Bernard University, Lyon, France, ³Necker Hospital, APHP, INSERM, Paris University, Paris, France, ⁴INSERM UMR S970, Université de Paris, Saint Louis Hospital, APHP, Paris, France, ⁵Department of Nephrology, Transplantation and Dialysis, Bordeaux University Hospital, Bordeaux, France, ⁶CHU de Rangueil, INSERM UMR1291, CNRS UMR5051, Université Toulouse III, Toulouse, France, ⁷University Hospital of Lapeyronie, Montpellier, France

3:50 PM - 4:00 PM
Association Between Abdominal CT Measurements of Body Composition and Waitlist Mortality in Kidney Transplant Candidates
E. E. Quint¹, Y. Liu², O. Shafaat³, R. A. Pol¹, D. L. Segev², C. Weiss³, M. A. McAdams DeMarco³, ¹UMCG, Groningen, Netherlands, ²NYU, New York, NY, ³JHU, Baltimore, MD

4:00 PM - 4:10 PM
Dose-Response Curves Characterization of Immunobiogram, a Novel Immunoassay to Test the Pharmacodynamic Response to Individual Immunosuppressive Drugs in a Representative Sample of Kidney Transplant Recipients
E. Gonzalez¹, C. Jimenez², D. Valencia³, M. Lopez-Oliva³, M. Moreno³, A. Ortega³, T. Diez¹, I. Portero³, A. Sanchez³, ¹Hospital La Paz, Madrid, Spain, ²H La Paz, Madrid, Spain, ³H Clínico San Carlos, Madrid, Spain, ⁴Biohope SL, Madrid, Spain

4:10 PM - 4:20 PM
Adapting Imaging Mass Cytometry to Explore Renal Allograft Inflammation and Develop a Tissue-Based Classifier
M. P. Alexander¹, M. Zaidi², A. Bentall³, M. Stegall¹, T. Mckee², K. Pavelko³, T. Taner³, ¹Department of Laboratory Medicine and Pathology, Mayo Clinic, Rochester, MN, ²University Health Network, Toronto, ON, Canada, ³Mayo Clinic, Rochester, MN

Program Topic: Liver
Liver: Expanding the Donor Pool (Liver: MELD Allocation / Donor Issues)

3:00 PM - 4:20 PM
Moderators:
Kristopher Croome, MD, MS, Mayo Clinic Florida, Jacksonville, FL, USA
Garrett Roll, MD, UCSF, San Francisco, CA, USA

3:00 PM - 3:10 PM
Improved Waitlist Outcomes in Liver Transplant Patients with Mid-MELD Scores Listed in Aggressive Centers Toward Donation After Cardiac Death
K. Miyake¹, T. Kitajima¹, N. Wickramaratne¹, L. Chau¹, M. Rizzari¹, H. Gonzalez², D. Venkat², D. Moonka², A. Yoshida³, M. Abouljoud³, S. Nagaï³, ¹Division of Transplant and Hepatobiliary Surgery, Henry Ford Hospital, Detroit, MI, ²Division of Gastroenterology and Hepatology, Henry Ford Hospital, Detroit, MI

3:10 PM - 3:20 PM
The Paradox of Splitting the Liver: Doubling the Impact Yet Moving in the Wrong Direction
T. Prudencio¹, B. Peticca¹, S. Robinson¹, K. Lau², K. Chavin², A. Di Carlo³, S. Karhadkar², ¹Lewis Katz School of Medicine at Temple University, Philadelphia, PA, ²Surgery, Temple University Hospital, Philadelphia, PA, ³Temple University Hospital, Philadelphia, PA

3:20 PM - 3:30 PM
Expansion of the Liver Donor Pool by Portable Normothermic Machine Perfusion (NMP) - Single Center Experience of 108 Donor Livers Preserved with NMP-T. Yamamoto¹, S. Atthota¹, K. Crisalli¹, M. MacComara², T. Nakamura¹, R. Teo¹, L. Dageforde¹, S. Kimura¹, N. Elias¹, H. Yeh¹, A. Bozorgzadeh¹, T. Kawai¹, J. F. Markmann¹, ¹Center for Transplantation Science, Massachusetts General Hospital/Harvard Medical School, Boston, MA,
3:00 PM - 4:20 PM
Moderators:
Ana Konvalinka, MD, PhD, FRCPC, Toronto General Hospital/ University Health Network/ University of Toronto, Toronto, ON, Canada
Brendan Keating, PhD, UPenn, Philadelphia, PA, USA

3:00 PM - 3:10 PM
Bac-Transgenic Mice Show a Novel T-Cell Intrinsic
Excitatory Role for Apol1 Risk-Alleles
J. Pell, A. C. Reghuvaran, S. Nagata, K. Banu, H. Shi, W. Song, I. Chernova, S. Ishibe, M. Menon, Medicine, Yale
University, New Haven, CT

3:10 PM - 3:20 PM
Single-Cell RNA-Seq Reveals Similarities and Differences
of Biological Characteristics Among BK Virus-Associated
Nephropathy, Antibody-Mediated Rejection, and Renal
Clear Cell Carcinoma
G. Huang, F. Yang, S. Meng, X. Chen, L. Li, H. Zhang, G. Zhao, The First Affiliated Hospital, Sun Yat-sen University,
Guangzhou, China

3:20 PM - 3:30 PM
Ex Vivo Perfusion Based Genetic Modification of
Vascularized Composite Allografts
I. C. Filz von Reiterdank1, R. Imbriani Bento2, E. de
Clermont-Tonnerre1, A. Dinicu1, M. Mojoudi2, M.
Wojtkiewicz1, A. Mink van der Molen1, H. Coert3, A. G.
Lellouch1, C. L. Getrou2, B. Parekkadan2, K. Uygun1,
1Massachusetts General Hospital, Boston, MA, 2Rutgers
University, Piscataway, NJ, 3UMC Utrecht, Utrecht,
Netherlands

3:30 PM - 3:40 PM
Systematic Comparison of Murine Models of Chronic Lung
Allograft Dysfunction
M. Bueno, X. Wang, P. Suresh, B. Chuan, M. J. Brown, M.
Snyder, J. F. McDyer, O. Eickelberg, Pulmonary and
Critical Care Medicine, Department of Medicine, University
of Pittsburgh, Pittsburgh, PA

3:40 PM - 3:50 PM
Tolerogenic Dna Methylation Signature of Human Dcregs
H. Abdelsamed, UPMC, Pittsburgh, PA

3:50 PM - 4:00 PM
Risk Assessment of Donor Livers for Transplantation
Through Quantification of Mitochondrial Dysfunction
Surrogates in Flushing Solutions
K. Ali1, B. Cazzaniga1, Q. Liu1, R. Raj1, M. Tuul1, T. Diago2,
M. Fuji1, F. Aucejo1, B. Eghtesad1, G. Damico1, C. Kwon1,
S. Chaudhry¹, A. Pita¹, J. Kim², R. Fairchild³, J. Doi¹, M. Khalil³, E. Fernandes¹, J. Kusakabe¹, E. Calderon¹, C. Miller¹, A. Schlegel⁴, C. Quintini⁵, K. Hashimoto¹, ¹General Surgery, Cleveland Clinic, Cleveland, OH, ²General Surgery, Cleveland Clinic, Abu Dhabi, United Arab Emirates, ³Cleveland Clinic Foundation, Cleveland, OH, ⁴General Surgery, Università degli Studi di Milano, Milan, Italy

4:00 PM - 4:10 PM
Differential Methylation Changes Due to Altered DNA Reparation in Hepatic Ischemia-Reperfusion Injury in Deceased Donor Liver Transplant Recipients
H. Zubair¹, A. M. Harris¹, T. Rousseau¹, S. Azim¹, A. C. Shetty¹, D. Maluf², V. Mas¹, ¹Surgical Sciences, University of Maryland, Baltimore, MD, ²Program in Transplantation, University of Maryland, Baltimore, MD

4:10 PM - 4:20 PM
Alterations of the Gut Microbiota and Associated Metabolome in Renal Transplant Acute Rejection
A. Vaitkute¹, F. Yuen Chang¹, A. Greco², S. Chong¹, S. Eaton², M. Bajaj-Elliott², A. Pesenacker¹, R. Motalbazzadeh¹, ¹Institute of Immunity and Transplantation, UCL, London, United Kingdom, ²Great Ormond Street Institute of Child Health, UCL, London, United Kingdom

Program Topic: Infectious Disease

COVID-19 Prevention and Outcomes

3:00 PM - 4:20 PM
Moderators:
Emily Eichenberger, MD, MHS, Emory University School of Medicine, Atlanta, GA, USA
Paul Sue, M.D, C.M., UT Southwestern Medical Center, Dallas, TX, USA

3:00 PM - 3:10 PM
Pre-Exposure Tixagevimab/Cilgavimab Monoclonal Antibodies Reduces Severe Covid-19 Infection in Lung Transplant Recipients

3:10 PM - 3:20 PM
Variant-Specific Neutralization Activity Against BA.4/5 with Tixagevimab/cilgavimab in Transplant Recipients
J. T. Solera¹, B. G. Arbo³, V. H. Ferreira², Q. Hu³, M.

3:20 PM - 3:30 PM
Increased Mortality in Kidney Transplant Recipients During the Covid-19 Era
B. Smith¹, H. Khamash², M. Mai³, A. Bentall¹, S. M. Riad⁴, W. Park¹, P. Dean¹, S. Nair², H. Wade³, M. Steggall¹, ¹Mayo Clinic, Rochester, MN, ²Mayo Clinic Transplant Ctr, Jacksonville, FL, ³Medicine, Mayo Clinic Rochester, Rochester, MN, ⁴Mayo Clinic Rochester, Rochester, MN, ⁵Mayo Clinic Rochester, Jacksonville, FL

3:30 PM - 3:40 PM
Clinical Outcomes of Sars-Cov2 Infection in Kidney Transplant Recipients Receiving Belatacept: A Single-Center Experience
F. Feller¹, M. Azar¹, J. Marvin², E. Cohen², S. Virmani¹, M. Malinis¹, ¹Yale School of Medicine, New Haven, CT, ²YNHH, New Haven, CT

3:40 PM - 3:50 PM
Effectiveness of Tixagevimab/Cilgavimab During the BA5 Omicron Period
A. Al Jurdi, L. Morena, N. AlZahrani, R. Verhoeff, C. N. Kotton, L. V. Riella, Massachusetts General Hospital, Boston, MA

3:50 PM - 4:00 PM
Longitudinal Outcomes of COVID-19 in a Large Cohort of Transplant Recipients 2020-2022
J. T. Solera¹, B. G. Arbo³, V. G. Hall², A. Humar², D. Kumar², ¹University Health Network - Ajmera Transplant Centre, Toronto, ON, Canada, ²UHN, Toronto, ON, Canada, ³MSH, Toronto, ON, Canada

4:00 PM - 4:10 PM
Trends in Kidney Transplant Outcomes in Older Adults Before and After Covid-19 Pandemic Onset
Y. Li³, G. Menon³, W. Wu³, A. Musunuru³, L. Zeiser², D. Segev², M. McAdams DeMarco², ¹NYU Grossman School of Medicine, New York, NY, ²NYU, New York, NY

4:10 PM - 4:20 PM
Mortality Excess During Covid-19 Era in Over 10,000 Kidney Transplant Recipients from a Single Center
M. Cristelli¹, C. Chow¹, H. Hafungdes¹, M. Taver¹, R. Garcia¹, R. Sousa¹, S. Carvalho¹, M. Nakamura², W. Nogueira², R. Mayer¹, J. Medina-Pestana², H. Tedesco-Silva², ¹Hospital
A. Fritz
Why is the OPTN HOPE Kidney Waiting List Shrinking
3:30 PM

C. Martinez
Provisional Acceptance Decline Rates
3:20 PM

R. R. Goff
Impact of Transitioning to Lung Continuous Distribution
3:10 PM

M. Bowring, J. Ruck, M. Bryski, W. Werbel, A. Tobian, A. Massie, D. Segev, C. Durand, Johns Hopkins University, Baltimore, MD, NYU Langone Health, New York, NY

A. Engelhardt, T. Hallcox, L. Van Gorp, P. Parrish, R. Okeke, K. Kumanan, V. Fleetwood, Y. Caliskan, A. Jain, B. Bastani, Saint Louis University, Saint Louis, MO

Determinants of Liver Transplant Center Phenotype
3:50 PM
D. M. Kenawy, A. J. Logan, J. M. Sneddon, N. Singh, M. Alebrahim, K. Washburn, A. D. Schenk, Surgery, The Ohio State University, Columbus, OH

Expanding Hope Act Experience Criteria for Transplantation from Donors with HIV to Recipients with HIV
4:00 PM

J. Alcorn, H. Abbas, J. Schofield, R. Morovat, A. Quaglia, G. Wang, S. Abrams, J. Micallef, M. Herzog, J. Candiracci, C. Toh, A. Aswani, P. Friend, Nuffield Department of Surgical Sciences, University of Oxford, Oxford, United Kingdom, Department of Clinical Infection, University of Liverpool, Liverpool, United Kingdom, Clinical Biochemistry, OUH NHS, Oxford, United Kingdom, Cancer Institute, Medical Sciences, University College London, London, United Kingdom, Belgian Volition SRL, Isnes, Belgium, Santersus AG, Zurich, Switzerland

M. Bowring, J. Ruck, M. Bryski, W. Werbel, A. Tobian, A. Massie, D. Segev, C. Durand, Johns Hopkins University, Baltimore, MD, NYU Langone Health, New York, NY

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3:10 PM

M. Bowring, J. Ruck, M. Bryski, W. Werbel, A. Tobian, A. Massie, D. Segev, C. Durand, Johns Hopkins University, Baltimore, MD, NYU Langone Health, New York, NY

A. Engelhardt, T. Hallcox, L. Van Gorp, P. Parrish, R. Okeke, K. Kumanan, V. Fleetwood, Y. Caliskan, A. Jain, B. Bastani, Saint Louis University, Saint Louis, MO

Determinants of Liver Transplant Center Phenotype
3:50 PM
D. M. Kenawy, A. J. Logan, J. M. Sneddon, N. Singh, M. Alebrahim, K. Washburn, A. D. Schenk, Surgery, The Ohio State University, Columbus, OH

Expanding Hope Act Experience Criteria for Transplantation from Donors with HIV to Recipients with HIV
4:00 PM

J. Alcorn, H. Abbas, J. Schofield, R. Morovat, A. Quaglia, G. Wang, S. Abrams, J. Micallef, M. Herzog, J. Candiracci, C. Toh, A. Aswani, P. Friend, Nuffield Department of Surgical Sciences, University of Oxford, Oxford, United Kingdom, Department of Clinical Infection, University of Liverpool, Liverpool, United Kingdom, Clinical Biochemistry, OUH NHS, Oxford, United Kingdom, Cancer Institute, Medical Sciences, University College London, London, United Kingdom, Belgian Volition SRL, Isnes, Belgium, Santersus AG, Zurich, Switzerland
3:10 PM - 3:20 PM
Growing Use of Perfusion for Heart, Liver, and Lung
R. R. Goff1, K. Gauntt1, W. Cherikh1, E. D. Lease2, D. Klassen1, 1United Network for Organ Sharing, Richmond, VA, 2University of Washington, Seattle, WA

3:20 PM - 3:30 PM
Pulsatile Perfusion Characteristics of En Bloc Kidneys Transplanted from Small Pediatric Donors May Predict Early Allograft Failure
J. M. Yu, J. Sageshima, P. A. Than, N. M. Mineyev, N. Goussous, R. V. Perez, Surgery, University of California Davis Health, Sacramento, CA

3:30 PM - 3:40 PM
Reliable Continuous Oxygen Monitoring During Ex-Vivo Machine Perfusion
Y. Berkane1, J. Cascales2, E. Rousakis2, A. A. Shamlo1, A. G. Lelouch1, C. Cetrulo1, C. Evans2, K. Uygun3, 1Vascularized Composite Allograft Laboratory, Massachusetts General Hospital, Boston, MA, 2Wellman Center for Photomedicine, Massachusetts General Hospital, Boston, MA, 3Center for Engineering in Medicine and Surgery, Massachusetts General Hospital, Boston, MA

3:40 PM - 3:50 PM
Impact of Liver Graft Preservation Method and Liver Failure Etiology on the Gut Microbiome
G. A. Cresci1, N. Sangwan2, K. Ali3, B. Cazzaniga2, Q. Liu2, D. Liu2, K. Hashimoto2, C. Miller3, C. Quintini2, 1Pediatric Gastroenterology and Inflammation & Immunity, Cleveland Clinic, Cleveland, OH, 2Cleveland Clinic, Cleveland, OH, 3The Cleveland Clinic, Bratenahl, OH

3:50 PM - 4:00 PM
Cryopreservation of Rat Hearts by Vitrification and Nanowarming
B. Namsrai1, Z. Gao2, Z. Han2, J. Rao3, V. Ravikumar4, A. Sharma5, H. Ring5, D. Idiyatullin5, E. Magnuson5, P. Iaizzo5, A. Talkachova6, M. Garwood6, M. Etheridge7, J. C. Bischof3, E. Finger6, 1Surgery, University of Minnesota, Minneapolis, MN, 2Mechanical Engineering, University of Minnesota, Minneapolis, MN, 3Solid Organ Transplantation, Department of Surgery, University of Minnesota, Minneapolis, MN, 4Biomedical Engineering, University of Minnesota, Minneapolis, MN, 5Radiology, University of Minnesota, Minneapolis, MN, 6University of Minnesota, Minneapolis, MN

4:00 PM - 4:10 PM
Repurposed Drug Induces Novel Hibernating-Like Alterations in Metabolism and Cardiac Function During
E. Finger1, A. Talkachova2, W. Cherikh1, E. D. Lease2, D. Klassen1, 1United Network for Organ Sharing, Richmond, VA, 2University of Washington, Seattle, WA

Prolonged Heart Preservation
R. J. Veraza1, K. Andrijaskaite1, R. Lopez1, E. Cisneros1, I. Cano1, Z. Maxwell1, S. Lightbown2, M. Sperry2, R. Novak3, M. Super3, D. Ingber2, L. Bunegin1, 1Vascular Perfusion Solutions, Inc., San Antonio, TX, 2Wyss Institute for Biologically Inspired Engineering at Harvard University, Boston, MA, 3Unravel Biosciences, Boston, MA

4:10 PM - 4:20 PM
Evaluation of Liver Maximum Capacity (LiMAx) Measurements to Monitor Hepatocellular Function During Extended Normothermic Machine Perfusion
G. Clarke1, J. Mao2, Y. Fan2, A. Hann3, A. Gupta4, A. Nutu5, E. Buckel Schaffner5, K. Kayani6, M. Bangash6, A. Casey7, M. David7, T. Perera3, S. C. Afford7, H. Mergental8, N. Murphy8, B. V. Dasari3, 1Liver Unit, Queen Elizabeth Hospital Birmingham / University of Birmingham, Birmingham, United Kingdom, 2Centre for Liver and Gastroenterology Research, University of Birmingham, Birmingham, United Kingdom, 3Liver Unit, Queen Elizabeth Hospital, Birmingham, United Kingdom, 4Ochre-Bio Ltd, Oxford, United Kingdom, 5Queen Elizabeth Hospital, Birmingham, United Kingdom, 6Intensive Care Unit, Queen Elizabeth Hospital, Birmingham, United Kingdom, 7Microbiology Department, Queen Elizabeth Hospital, Birmingham, United Kingdom

Program Topic: Kidney
Kidney Complications: Non-Immune Mediated Late Graft Failure

3:00 PM - 4:20 PM
Moderators:
Beatrice Concepcion, MD MS, University of Chicago, Chicago, IL, USA
Jennifer Berumen, MD, University of California at San Diego, San Diego, CA, USA

3:00 PM - 3:10 PM
Higher Levels of Mesangial Expansion Predict Death-Censored Graft Loss
A. Denic1, B. Smith1, W. Park1, A. Kukla2, J. Grande2, M. Stegall1, 1Mayo Clinic, Rochester, MN, 2Mayo Clinic College of Med, Rochester, MN

3:10 PM - 3:20 PM
Serum Creatinine Elevation Following Initiation of Raas Inhibitors Identifies Kidney Transplant Recipients at Risk of Hyperfiltration Injury
3:20 PM - 3:30 PM
Delayed Graft Function Among Kidney Transplant Recipients is Associated with Increased Risk of Infections
E. A. Alshaikh1, B. C. Astor, B. Muth, M. Jorgenson, K. J. Swanson, N. Garg, F. Aziz, M. Mohamed, D. Mandelbrot, S. Parajuli, University of Wisconsin Hospital and Clinics, Madison, WI

3:30 PM - 3:40 PM
Delayed Kidney Graft Function in Re-Transplantation and the Effect on Graft and Patient Survival: A UNOS Database Analysis
A. Christianson1, H. Kaul2, A. Parsikia2, N. Chandolias2, K. Khamoradib2, R. Zaki2, 1PCOM Georgia, Suwanee, GA, 2Einstein Medical Center Now Part of Jefferson Health, Philadelphia, PA

3:40 PM - 3:50 PM
Impact of Body Mass Index on Long Term Outcomes Post Renal Transplantation
A. Olyaei, S. Rehman, M. Stack, D. Woodland, D. Scott, A. M. de Mattos, Oregon Health & Science University, Portland, OR

3:50 PM - 4:00 PM
Characteristics, Demographics and Outcomes of Kidney Transplant Recipients with Extreme Dialysis Vintage > 10 Years. A National UNOS Database Review 2000-2021
M. Y. Jan, O. Adebiyi, P. Yenebere, M. Yaqub, A. Sharfuddin, Indiana University, Indianapolis, IN

4:00 PM - 4:10 PM
Outcomes Following Graft Loss Among Patients Who Experience Premature Renal Allograft Failure
J. D. Motter, A. B. Massie, B. E. Lonze, NYU Langone Health, New York, NY

4:10 PM - 4:20 PM
Hyperparathyroidism During 1st Year of Renal Transplant is Associated with Long Term Graft Loss
C. Alfieri1, P. Molinari1, E. Cicero1, D. Cresseri1, A. Regalia1, M. Campise1, E. Favi2, G. Castellano1, 1Nephrology, Dialysis and Renal Transplantation, Fondazione IRCCS Ca' Granda Ospedale Policlinico Milan, Milan, Italy, 2Renal Transplant Unit, Fondazione IRCCS Ca’ Granda Ospedale Policlinico Milan, Milan, Italy

Program Topic: Infectious Disease
Fungal and Misc Infections in SOTR

3:00 PM - 4:20 PM
Moderators:
Christine Koval, MD, Cleveland Clinic, Shaker Heights, OH, USA
Meenakshi Rana, MD, Icahn School of Medicine at Mount Sinai, New York, NY, USA

3:00 PM - 3:10 PM
Coccidioidomycosis Testing and Infection Among Solid Organ Transplant Recipients in California 1990-2022
M. Fung, H. Cleveland, P. Chin-Hong, University of California, San Francisco, San Francisco, CA

3:10 PM - 3:20 PM
Incidence of Invasive Fungal Infections in Abdominal Solid Organ Transplant Recipients Using a High-Risk Aspergillus Prophylaxis Protocol
B. Burke1, K. Rennyson2, C. Holmvik1, K. Owen1, A. Kroemer1, J. Timpone2, 1Georgetown University School of Medicine, Washington, DC, 2Department of Pharmacy, MedStar Georgetown University Hospital, Washington, DC, 3MedStar Georgetown Transplant Institute, MedStar Georgetown University Hospital, Washington, DC, 4Department of Medicine, Division of Infectious Diseases and Tropical Medicine, MedStar Georgetown University Hospital, Washington, DC

3:20 PM - 3:30 PM
Infectious Complications of Lung Transplant for Covid-Associated Lung Injury (cali): A Single Center Case-Control Cohort Study
R. Osborn1, M. Alamri2, T. Rade1, M. Ison2, 1Northwestern Memorial Hospital, Chicago, IL, 2McGaw Medical Center of Northwestern University, Chicago, IL, 3Northwestern University Feinberg School of Medicine, Chicago, IL

3:30 PM - 3:40 PM
Duration of Anti-Fungal Therapy in Patients with Cryptococcosis Following Solid Organ Transplantation
H. K. Arora1, P. M. Cumagun1, M. K. Moore2, T. P. McCarty1, J. W. Baddley3, G. McGwin4, P. G. Pappas4, 1Infectious Diseases, University of Alabama at Birmingham, Birmingham, AL, 2University of South Alabama School of Medicine, Mobile, AL, 3Maryland Medical Institute of Human Virology, Baltimore, MD, 4Epidemiology, School of Public Health, University of Alabama at Birmingham, Birmingham, AL
3:40 PM - 3:50 PM
COVID-19 Associated Pulmonary Aspergillosis Among Solid Organ Transplant Recipients in the ICU - An International Case-Control Study
L. N. Walti1, S. Anjan2, F. Gioia3, J. Solera Rallo4, B. G. Arbol1, Y. Natori5, G. Guerra6, J. Fortun Abete3, D. Kumar1, L. N. Del Sorbo1, S. Husain1, 1University Health Network, Toronto, ON, Canada, 2University of Miami, Miami, FL, 3Hospital Universitario Ramón y Cajal, Madrid, Spain, 4University Health Network Toronto, Toronto, ON, Canada, 5University of Miami, Pinecrest, FL, 6University of Miami Jackson Memorial Hospital, Miami, FL

3:50 PM - 4:00 PM
A Multicenter Case Series of Mpox in Transplant Recipients
E. Higgins1, N. Ranganath2, E. Beam3, E. Bhatia4, D. Dunn5, E. Benamu6, S. Spivack7, R. Razonable8, 1Division of Public Health, Infectious Disease and Occupational Medicine, Mayo Clinic, Rochester, MN, 2Mayo Clinic, Rochester, MN, 3Mayo Clinic College of Medicine, Rochester, MN, 4Division of Infectious Diseases, Rush University Medical Center, Chicago, IL, 5Division of Infectious Diseases, Icahn School of Medicine at Mount Sinai, New York, NY, 6Division of Infectious Diseases, University of Colorado, Aurora, CO, 7Lewis Katz School of Medicine at Temple University, Philadelphia, PA

4:00 PM - 4:10 PM
Deciphering the True Immunologic Risk in Renal Transplantation in Patients with Hiv
S. Karhadkar1, D. Kahler1, A. Diamond2, K. Lau1, K. Chavin3, A. Di Carlo1, 1Temple University Hospital, Philadelphia, PA, 2Garnet Valley, PA, 3Temple University School of Medicine, Philadelphia, PA

4:10 PM - 4:20 PM
A Phase 2 Multi-Center, Prospective, Randomized, Double-Blind Study to Assess Efficacy and Safety of Nitazoxanide Treatment of Norovirus in Transplant Recipients
C. Boutin1, M. A. Callegari1, D. Florescu2, M. Nguyen2, D. Kaul2, R. Avery2, P. Chong2, C. Fisher2, A. Limaye2, L. Clough2, S. Pergam2, M. Green2, M. Michaels2, L. Danziger-Iakov2, M. Angarone3, L. Keefer3, A. Daud4, M. Ison1, 1Northwestern University FSM, Chicago, IL, 2NNITS Study Group, Chicago, IL

Break

4:20 PM - 4:30 PM

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

Program Topic: Basic Science

Chronic Organ Rejection

4:30 PM - 5:30 PM
CD40 Induces Pir-A to Promote Chronic Rejection of Cardiac Transplantation
S. Chen1, W. Yi2, L. Wang2, J. Wang2, L. Sun2, X. Zhou2, P. Lan2, Z. Chen2, 1Key Laboratory of Organ Transplantation, Ministry of Education; NHC Key Laboratory of Organ Transplantation, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China, 2Institute of Organ Transplantation, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China

4:40 PM - 4:50 PM
Transglutaminase 2 in Chronic Lung Allograft Dysfunction
A. Tissot1, S. Brouard2, L. Berthelot3, 1Nantes CHU, Nantes, France, 2Nantes Université, Nantes, France, 3CR2TI, Nantes Université, Nantes, France

4:50 PM - 5:00 PM
Cell-Type Specific Expression of the Common Rejection Module Revealed by Single-Cell Transcriptomics in Small Airway Brushes of Lung Transplant Recipients

5:00 PM - 5:10 PM
Discerning Cell-Subtypes and Cell-Specific Molecular Pathways Balancing Injury and Repair in Normal Allografts
E. Bardhi1, J. McDaniels1, A. Shetty2, S. Azim3, T. Rousselle1, H. Zubair1, D. Maluf2, V. Mas1, 1Surgical Sciences, University of Maryland, Baltimore, MD, 2University of Maryland, Baltimore, MD, 3Department of Surgery, Surgical Sciences, University of Maryland, Baltimore, MD

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Basic Science

Tissue Engineering, Cellular, and Regenerative Medicine

4:30 PM - 5:30 PM
Moderators:
Jason Wertheim, MD, PHD, University of Arizona, Tucson, AZ, USA
Mohamed Ezzelarab, MD, Starzl Transplantation Institute - University of Pittsburgh, Pittsburgh, PA, USA

4:30 PM - 4:40 PM
Immune Response of Human Kidney Organoid-Based Tissues in a Humanized Mouse Model


4:40 PM - 4:50 PM
Transplantation of Cryopreserved Kidneys - A New Paradigm in Organ Transplantation

J. Rao, Z. Han, J. Pasek-Allen, B. Namsrai, M. Etheridge, J. C. Bischof, E. Finger, Solid Organ Transplantation, Department of Surgery, University of Minnesota, Minneapolis, MN, Mechanical Engineering, University of Minnesota, Minneapolis, MN, Surgery, University of Minnesota, Minneapolis, MN

4:50 PM - 5:00 PM
Allogeneic Pancreatic Islets Transplanted to a Bioengineered Omentum Achieves Euglycemic Control in a Diabetic Non-Human Primate Model

H. Deng, A. Zhang, D. Pan, Z. Yang, K. Lee, R. Matheson, I. Rosales, M. Coroneo, E. Yolcu, H. Shirwan, A. Garcia, J. F. Markmann, J. Lei, MGH, Boston, MA, Georgia Institute of Technology, Atlanta, GA, University of Missouri, Columbia, MT

5:00 PM - 5:10 PM
RXFP1 Signaling Regulates SatM via Ceacam1/Notch1 Axis and Attenuates Liver Fibrosis

H. Hirao, S. Yao, K. J. Dery, H. Kojima, D. G. Farmer, F. M. Kaldas, A. I. Agoulnik, J. Kupiec-Weglinski, UCLA, Los Angeles, CA, Herbert Wertheim College of Medicine, Miami, FL

5:10 PM - 5:20 PM
Chimeric Hla Antibody Receptor T Cells for Targeted Therapy of Antibody Mediated Rejection in Transplantation

S. Betriu Méndez, J. Rovira, C. Arana, A. Garcia-Busquets, M. J. Ramire-Bajo, E. Banon-Maneus, M. Lazo-Rodriguez, A. Bartoló-Ibars, F. H. Claas, A. Mulder, S. Heidt, M. Juan, B. Bayés-Genís, J. M. Campistol, E. Palou, F. Diekmann, Department of Immunology, Hospital Clinic de Barcelona, Barcelona, Spain, Laboratori Experimental de Nefrologia i Transplantament (LENIT), IDIBAPS, Barcelona, Spain, Department of Nephrology and Kidney Transplantation, Institut Clinic de Nefrologia i Urologia (ICNU), Hospital Clinic de Barcelona, Barcelona, Spain, Department of Immunology, Leiden University Medical Center, Leiden, Netherlands

5:20 PM - 5:30 PM
Engineering Donor Lymphocytes with Fas Ligand as an Effective Approach to Prevent Acute Graft-Versus-Host Disease

A. Turan, P. Shrestha, L. Batra, F. N. Arguc, A. Gulen, H. Shirwan, E. S. Yolcu, Child Health and Molecular Microbiology and Immunology, University of Missouri, Columbia, MO, Microbiology and Immunology, University of Missouri, Columbia, MO
Program Topic: Liver

Liver: Retransplantation and Other Complications

4:30 PM - 5:30 PM
Moderators:
David Goldberg, MD, MSCE, University of Miami, Miami, FL, USA
Mamatha Bhat, MD, PhD, UNIVERSITY HEALTH NETWORK, Toronto, ON, Canada

4:30 PM - 4:40 PM
Identifying Predictors of Post Liver Transplant Alcohol Relapse: A 1200 Patient Single Center Analysis
U. Ramsey1, D. Noguchi1, S. Ebaib1, V. G. Agopian1, H. Yersiz1, S. Saab2, D. G. Farmer1, F. M. Kaldas3, 1Division of Liver and Pancreas Transplantation, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA, 2Department of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, 3Division of Liver and Pancreas Transplantation, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA

4:40 PM - 4:50 PM
MUST-PETH: Low Rates of Biochemical Alcohol Relapse After Liver Transplantation for Alcohol-Associated Liver Disease in a Multicenter Cohort
N. Lim1, V. Ajmera2, W. Johnson Jr1, K. Torosian2, A. Kwong3, 1University of Minnesota, Minneapolis, MN, 2University of California, San Diego, San Diego, CA, 3Stanford University, Los Altos Hills, CA

4:50 PM - 5:00 PM
Choledochoplasty is Associated with Increased Risk of Early Bilary Complications in Liver Transplantation
K. Tracy1, T. Harris1, D. Riffert2, M. Wallace2, M. Shannon2, L. Matsuoka1, S. Alexopoulos1, 1Department of Surgery, Vanderbilt University Medical Center, Nashville, TN, 2Vanderbilt University School of Medicine, Nashville, TN

5:00 PM - 5:10 PM
SRTR Outcomes of Liver Retransplantation in Children: Strategies Are Needed to Avoid Waitlist Mortality
P. L. Valentino1, J. D. Perkins2, N. M. Blondet3, E. K. Hsu4, K. M. Saarel1, D. Wendel1, A. A. Dick1, P. J. Healey1, J. D. Reyes1, K. Bambha2, M. L. Sturdevant2, 1Seattle Children’s Hospital, Seattle, WA, 2Univ of Washington, Seattle, WA

5:10 PM - 5:20 PM
Incidence, Risk Factors, and Negative Impact of Post-Liver Transplant Delirium: 5-Year Experience from a Tertiary Transplant Center
X. Huang1, L. Hutchinson1, S. Anders1, M. O’Connor1, U. Kaszubski1, M. Mccloskey1, K. Singleton2, M. Mermigas2, M. Gilbert3, A. Freeman3, 1Pharmacy, Ochsner Medical Center, New Orleans, LA, 2Xavier University of Louisiana College of Pharmacy, New Orleans, LA, 3Surgery, Ochsner Medical Center, New Orleans, LA

5:20 PM - 5:30 PM
Investigating the Association Between Diabetes and Mortality on the Liver Transplant Waitlist within a Large, National, Integrated Healthcare System
J. C. Gander1, A. Tomimatsu2, R. L. LaLonde2, C. D. Keagy3, V. Saxena4, G. LiBetti2, R. Potts2, 1Kaiser Permanente Georgia, Atlanta, GA, 2National Transplant Services, Kaiser Permanente, Oakland, CA, 3Data Reporting and Analytics, Kaiser Permanente Program Office, Oakland, CA, 4The Permanente Medical Group, Kaiser Permanente Northern California, San Francisco, CA

Program Topic: Kidney

Recurrent Kidney Disease & Genetics

4:30 PM - 5:30 PM
Moderators:
Christie Thomas, MD, University of Iowa, Iowa City, IA, USA
Song Ong, MBBS, MRCP, FAST, University of Alabama at Birmingham, Birmingham, AL, USA

4:30 PM - 4:40 PM
Changes in Endothelial and Proximal Tubule Cells in Focal Segmental Glomerulosclerosis: Single-Cell Resolution of Human Renal Allografts with Recurrent Disease
L. Gallon1, H. Zubaib2, A. C. Shetty2, J. McDaniels2, T. Rousselle2, S. Azim2, C. Kuscu3, C. Kuscu3, J. Eason4, D. Maluf3, V. Mas3, 1Northwestern University NMFF, Chicago, IL, 2Surgical Sciences, University of Maryland, Baltimore, MD, 3UTHSC, Memphis, TN, 4James D. Eason Transplant Institute, Memphis, TN, 5Program in Transplantation, University of Maryland, Baltimore, MD

4:40 PM - 4:50 PM
Identification of Apol1 Genotype with Probe Independent PCR Method: Novel Classification with Haplotypes
4:50 PM - 5:00 PM
A CRISPR-Cas-Based Assay to Genotype High-Risk Variants in Kidney Transplantation
I. T. Lape¹, R. Greensmith², C. V. Riella³, M. Kaminski⁴, L. V. Riella⁴, ¹Center for Transplantation Sciences, MGH, Boston, MA, ²Charité Hospital, Berlin, Germany, ³Nephrology, BIDMC, Boston, MA

5:00 PM - 5:10 PM
Recipient Polygenic Risk Scores as a Predictor of Graft Function
K. E. Collins¹, E. Gilbert¹, K. A. Benson¹, G. Lord², E. A. Elhassan³, C. Hill³, A. McKnight⁴, P. Maxwell⁴, V. Mauduit⁵, S. Limou⁵, P. J. van der Most⁶, M. H. de Borst⁷, W. Guan⁷, P. Jacobson⁸, G. L. Cavalleri⁹, P. J. Conlon⁹, ¹School of Pharmacy and Biromolecular Sciences, Royal College of Surgeons in Ireland, Dublin, Ireland, ²Faculty of Biology, Medicine and Health, University of Manchester, Manchester, United Kingdom, ³Department of Nephrology and Transplantation, Beaumont Hospital, Dublin, Ireland, ⁴Centre for Public Health, Queen’s University Belfast, Belfast, United Kingdom, ⁵INSERM, Centre for Research in Transplantation and Translational Immunology, Nantes University, Ecole Centrale Nantes, Nantes, France, ⁶Department of Epidemiology, University Medical Center Groningen, University of Groningen, Groningen, Netherlands, ⁷University of Minnesota, Minneapolis, MN, ⁸Univ of MN, College of Pharmacy, Minneapolis, MN, ⁹Department of Nephrology and Transplantation, Beaumont Hospital, Co Dublin, Ireland

5:10 PM - 5:20 PM
A Single Center Experience of the First 100 Next-Generation Sequencing Renal Gene Panel Testing During Kidney Transplant Evaluation
S. R. Allam¹, S. Balamuthusamy¹, M. Madhiria¹, I. Memon¹, B. Sankarapandian¹, K. Lozano², T. Salas², A. Curtis², J. Guiteau², A. Reyad², ¹Tarrant Nephrology Associates/PPG Health, Fort Worth, TX, ²Transplant Institute, Medical City Fort Worth, TX

5:20 PM - 5:30 PM
Employing the Evolving Knowledge in Genetic Testing in Evaluating Kidney Transplant Candidates
F. Abualrub¹, Y. Caliskan², V. Fleetwood¹, M. D. Nazzal², C. Varma², H. Randall¹, B. Bastani³, K. Lentine³, ¹St. Louis University, St. Louis, MO, ²Saint Louis University, Saint Louis, MO, ³St. Louis University, Madison, WI, ⁴St Louis University, St Louis, MO, ⁵St. Louis University, St Louis, MO, ⁶Transplant Center, Saint Louis University, St Louis, MO

Program Topic: Liver
Liver: Cirrhosis - Portal Hypertension and Other Complications

4:30 PM - 5:30 PM
Moderators:
Ming Lin, MD, Lahey Hospital & Medical Center, Burlington, MA, USA
Therese Bittermann, MD, University of Pennsylvania, Philadelphia, PA, USA

4:30 PM - 4:40 PM
Terlipressin Improves Clinical Outcomes in Patients with Hepatorenal Syndrome Type 1 and Systemic Inflammatory Response Syndrome: A Pooled Analysis of the Phase III REVERSE and CONFIRM Studies
A. Said¹, N. Kemmer², M. A. Olivera-Martinez³, D. W. Victor⁴, P. J. Zamor⁴, K. Jamil⁵, ¹University of Wisconsin Hospital and Clinics, Madison, WI, ²Tampa General Medical Center, Tampa, FL, ³University of Nebraska Medical Center, Omaha, NE, ⁴Houston Methodist Hospital, Houston, TX, ⁵Atrium Health Carolinas Medical Center, Charlotte, NC, ⁶Mallinckrodt Pharmaceuticals, Hampton, NJ

4:40 PM - 4:50 PM
Liver Transplant Rates and Clinical Outcomes in Patients with Hepatorenal Syndrome Type 1 and ACLF Grade 0–2 and Serum Creatinine (SCr) <5mg/dL at Baseline
F. Gordon¹, P. J. Thuluvath², K. Mumtaz³, D. Victor⁴, N. Kemmer⁵, K. Jamil⁶, ¹Tufts Medical Center, Boston, MA, ²Mercy Medical Center and University of Maryland School of Medicine, Baltimore, MD, ³Ohio State University Wexner Medical Center, Columbus, OH, ⁴Houston Methodist Hospital, Houston, TX, ⁵Tampa General Medical Group, Tampa, FL, ⁶Mallinckrodt Pharmaceuticals, Hampton, NJ

4:50 PM - 5:00 PM
Prolonged Recipient Warm Ischemia Time Increases the Occurrence of Postreperfusion Syndrome in Deceased Donor Liver Transplantation with Extended Criteria Donors
T. Kitajima¹, N. Wickramaratne², K. Miyake², L. Chau², T. Ivanics³, M. Rizzari², A. Yoshida³, M. Abouljoud⁴, S. Nagai², ¹Division of Transplant and Hepatobiliary Surgery, Henry
Non-selective Beta Blockers Are Associated With Increased Risk Of Stage 2 Acute Kidney Injury And Waitlist Mortality Among Liver Transplant Candidates

Lever Transplantation Restores a Circulating Environment That Supports Healthy Platelet Aggregation within Two Hours of Reperfusion

Understanding the Relationship Between Depression and Hepatic Encephalopathy in Decompensated Cirrhosis

Program Topic: Kidney

Health Equity and Access - 2

Persistent Racial Disparities in Delayed Graft Function and Implications for Kidney Transplantation

Program Topic: Intestine

Intestinal Transplantation and Rehabilitation
Rodrigo Vianna, MD, PhD, University of Miami/Jackson Memorial Hospital, Miami, FL, USA
Sukanya Subramanian, MD, Georgetown University Hospital, Washington DC, DC, USA

4:30 PM - 4:40 PM
The First Collective Examination of Immunosuppressive Practices Among American Intestinal Transplant Centers J. Weiner1, T. Transplantation Working Group, 1Columbia University Irving Medical Center, New York, NY, 2The American Intestinal Transplantation Working Group, n/a, NY

4:40 PM - 4:50 PM
Reduced Access to Multivisceral Transplantation After Liver Acuity Circles Implementation E. Schnellinger1, J. Foutz1, S. Nagai2, A. Kwong3, S. Biggins4, J. Pomposelli5, J. Trotter5, 1United Network for Organ Sharing, Richmond, VA, 2Henry Ford Hospital, Detroit, MI, 3Stanford University, Los Altos Hills, CA, 4University of Colorado, Aurora, CO, 5Baylor University Medical Center, Dallas, TX

4:50 PM - 5:00 PM
First Report with Medium Term Follow Up of Intestinal Transplantation for Advanced and Recurrent Non-Resectable Pseudomyxoma Peritonei S. Reddy1, S. Punjala2, P. Allan1, A. Vaidya1, D. Borle1, H. Giele1, V. Udupa1, A. Smith1, L. Vokes1, G. Vrakas1, F. Mohamed3, S. Dayal3, B. Moran3, P. Friend4, T. Cecili3, 1Oxford University Hospitals, Oxford, United Kingdom, 2Department of Abdominal Transplant Surgery, Ohio State University Wexner Medical Center, Columbus, OH, 3Hampshire Hospitals NHS Foundation Trust, Basingstoke, United Kingdom, 4University of Oxford, Oxford, United Kingdom

5:00 PM - 5:10 PM
Outcomes of Small Intestinal/Multi-Visceral Transplant Recipients Infected with Sars-cov-2 V. Chundi1, F. D. Masoud3, S. Subramanian3, C. S. Matsumoto3, 1Division of Infectious Disease and Tropical Medicine, Medstar Georgetown University, Washington, DC, 2Georgetown University School of Medicine, Washington, DC, 3Medstar Georgetown Transplant Institute, Washington, DC

5:10 PM - 5:20 PM
A Risk Factor Analysis of Donor-Specific Factors on One- and Three-Year Post-Transplant Mortality After Multi Visceral Transplantation

Program Topic: Kidney
Kidney Chronic Antibody Mediated Rejection

4:30 PM - 5:30 PM
Moderators: Sandesh Parajuli, MD, University of Wisconsin, Madison, WI, USA
Hasan Khamash, MD, Mayo Clinic, Phoenix, AZ, USA

4:30 PM - 4:40 PM
Ibox Prognostication in Kidney Transplant Recipients Who Undergo Belatacept Conversion for Chronic Active Antibody Mediated Rejection D. Kumar1, K. Qu2, W. Tian2, L. Azzouz1, L. Kamal1, G. Gupta1, 1VCUHealth, Richmond, VA, 2CareDx, Brisbane, CA

4:40 PM - 4:50 PM

4:50 PM - 5:00 PM
Clazakizumab (Anti-IL6 Monoclonal) to Reduce Donor Specific HLA Antibodies (DSA) and Improve Outcomes in Post-Kidney Transplant Patients with Chronic Active Antibody Mediated Rejection (NCT03380377) S. C. Jordan, N. Ammerman, E. Huang, A. Peng, R. Najjar, I. Kim, K. Hernando, V. Bui, J. Choi, K. Lim, N. Badash, M.
Program Topic: Infectious Disease

COVID-19 Miscellaneous

4:40 PM - 4:50 PM
Clinical Characteristics and Clinical Outcomes of Solid Organ Transplant Recipients with Secondary Invasive Fungal Infections After Covid-19
T. Chiang¹, A. Massie¹, D. Segev¹, R. Avery², N. Permpalung³, ¹NYU Grossman School of Medicine, New York, NY, ²Johns Hopkins University School of Medicine, Baltimore, MD

4:50 PM - 5:00 PM
Impact of Covid-19 on Belatacept and Tacrolimus Treated Kidney Transplant Recipients from a Prospective, Randomized, Multicenter Trial
M. P. Chau¹, A. R. Shields¹, R. Alloway¹, K. Luckett¹, M. Cuffy¹, A. Govil¹, J. Kremer², E. Woodle¹, ¹University of Cincinnati, Cincinnati, OH, ²The Christ Hospital, Cincinnati, OH

5:00 PM - 5:10 PM
N. Agarwal¹, N. W. Lange¹, J. Hedvat¹, M. Pereira³, R. Brown, MD, MPH⁴, D. M. Salerno¹, ¹Pharmacy, NewYork-Presbyterian Hospital, New York, NY, ²NewYork-Presbyterian Hospital, New York, NY, ³Columbia University Irving Medical Center, New York, NY, ⁴Weill Cornell Medicine, New York, NY

5:10 PM - 5:20 PM
T Cell Repertoire Profiling in Allografts and Native Tissues in Recipients with Covid-19 After Solid Organ Transplantation: Insight Into T Cell-Mediated Allograft Protection from Viral Infection

5:20 PM - 5:30 PM

Program Topic: APP

Clinical Practice
4:30 PM - 4:40 PM
Heart-Liver-Kidney Transplantation for AL Amyloidosis Using Normothermic Recovery and Storage from a Donor Following Circulatory Death: Short-Term Outcome in a First-in-World Experience
R. Taj1, A. Brubaker1, M. Urey2, M. Kearns3, V. Pretorius4, G. Schnickel1, 1Division of Transplant Surgery, UC San Diego, San Diego, CA, 2Division of Cardiology, UC San Diego, San Diego, CA, 3Division of Cardiothoracic Surgery, UC San Diego, San Diego, CA

4:40 PM - 5:00 PM
Pregnancy After Kidney Transplantation: Impact of Functional Renal Reserve on Allograft Outcome and Maternal Health
R. Kaatz1, F. Bachmann2, N. Lachmann3, B. Zukunft4, K. Wu4, D. Schmidt4, F. Halleck1, P. Nickel1, K. Eckardt1, K. Budde1, S. Verlohren5, M. Choi1, 1Department of Nephrology and Medical Intensive Care, Charité-Universitätsmedizin Berlin, Berlin, Germany, 2Charité-Universitätsmedizin Berlin, Berlin, Germany, 3Tissue Typing Laboratory, Charité-Universitätsmedizin Berlin, Berlin, Germany, 4Department of Pathology, Charité-Universitätsmedizin Berlin, Berlin, Germany, 5Department of Obstetrics, Charité-Universitätsmedizin Berlin, Berlin, Germany

4:50 PM - 5:00 PM
Screening Pattern and Rate of Return to Alcohol Use in Patients Following Liver Transplantation
N. B. Ha1, M. J. Duarte2, C. W. Wang1, L. X. Deng1, Y. Jeon1, R. Mei1, T. DeFries2, B. Hameed1, C. B. Sherman1, 1Division of Gastroenterology and Hepatology, Department of Medicine, University of California, San Francisco, San Francisco, CA, 2Division of General Internal Medicine, Department of Medicine, San Francisco General Hospital, San Francisco, CA

5:00 PM - 5:10 PM
Practice and Challenges of Pancreas Allograft Biopsies: A Survey of US Transplant Centers
N. Singh1, R. Parsons2, J. Odorico3, K. J. Woodside4, V. Fleetwood5, D. Axelrod6, T. Alhamad7, M. Cooper8, A. Wisniewski9, K. L. Lentine, MD, PhD9, 1Willis-Knighton Health System, Shreveport, LA, 2Emory University School of Medicine, Atlanta, GA, 3University of Wisconsin

5:10 PM - 5:20 PM
Outcomes of a Structured Transition Program in Liver Transplant: Extending Transition Into Adult Care for the Emerging Adult
B. Kosmach-Park1, J. Kilpatrick2, A. Algeo1, K. Jones1, L. Remaley1, T. Fazzolare1, N. Elazzazy2, N. Jonassaint3, G. Mazariegos1, 1Children’s Hospital of Pittsburgh, Pittsburgh, PA, 2Starzl Transplant Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, 3University of Pittsburgh School of Medicine, Pittsburgh, PA

Program Topic: Lung
Complications in Lung Transplantation

4:30 PM - 5:00 PM
Screening Pattern and Rate of Return to Alcohol Use in Patients Following Liver Transplantation
N. B. Ha1, M. J. Duarte2, C. W. Wang1, L. X. Deng1, Y. Jeon1, R. Mei1, T. DeFries2, B. Hameed1, C. B. Sherman1, 1Division of Gastroenterology and Hepatology, Department of Medicine, University of California, San Francisco, San Francisco, CA, 2Division of General Internal Medicine, Department of Medicine, San Francisco General Hospital, San Francisco, CA

4:30 PM - 5:30 PM
Outcomes of a Structured Transition Program in Liver Transplant: Extending Transition Into Adult Care for the Emerging Adult
B. Kosmach-Park1, J. Kilpatrick2, A. Algeo1, K. Jones1, L. Remaley1, T. Fazzolare1, N. Elazzazy2, N. Jonassaint3, G. Mazariegos1, 1Children’s Hospital of Pittsburgh, Pittsburgh, PA, 2Starzl Transplant Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, 3University of Pittsburgh School of Medicine, Pittsburgh, PA

4:50 PM - 5:00 PM
Circulating Exosomes with Liver Kinase B1 as a Potential Predictor for Chronic Lung Allograft Dysfunction Development in Lung Transplanted Recipients for Cystic Fibrosis
R. Ravichandran1, M. Rahman1, S. Bansal2, G. Ratti3, V. Kaza3, S. Weigl4, R. Bremner1, M. Smith1, T. Mohanakumar5, 1St. Joseph’s Hospital and Medical Center, Phoenix, AZ, 2St. Joseph’s Hospital and Medical Center, Phoenix, AZ, 3Univ Texas Southwestern, Dallas, TX, 4Univ of California, Los Angeles, CA, 5St. Joseph’s Hospital and Medical Center, Phoenix, AZ
Tuesday, June 6, 2023

**IMPACT Sessions**

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

Program Topic: Kidney


7:00 AM - 8:00 AM

Moderators:

Ajit Limaye, MD, University of Washington, Seattle, WA, USA

Hans Hirsch, MD, MSc, University of Basel, Basel, Switzerland

7:00 AM - 7:15 AM

Impact of BK Virus on Renal Transplant Recipients

Anil Chandraker, MD, Brigham and Women's Hospital, Boston, MA, USA

7:15 AM - 7:30 AM

Update on International BKV Guidelines by the TTS Consensus Group

David Wojciechowski, DO, University of Texas Southwestern, Dallas, TX, USA

7:30 AM - 7:45 AM

Overview of Therapies in Development for the Treatment of BK Viremia in Renal Transplant Patients

Sajal Tanna, MD, MPH, Inova, Fairfax, VA, USA

7:45 AM - 8:00 AM

Q&A

**Program Topic: Women's Health**

Could Frailty Assessment Widen the Sex Gap in Access to Transplantation?

7:00 AM - 8:00 AM

Moderators:

Arpita Basu, MD, MPH, FASN, Emory University School of Medicine, Atlanta, GA, USA

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*Program Built in Pacific Time Zone*

**PROGRAM AS OF JUNE 3, 2023**
Ana Rossi, MD, MPH, FASN, FAST, Piedmont Transplant Institute, Atlanta, GA, USA

7:00 AM - 7:15 AM
Setting the Stage: Sex Disparities and Frailty in Transplantation
Maria Aurora Posadas Salas, MD, Medical University of South Carolina, Charleston, SC, USA

7:15 AM - 7:30 AM
Pro - Could Frailty Assessment Widen the Sex Gap in Access to Transplantation?
Jennifer Lai, MD, MBA, University of California San Francisco, San Francisco, CA, USA

7:30 AM - 7:45 AM
Cons - Could Frailty Assessment Widen the Sex Gap in Access to Transplantation?
Mara McAdams DeMarco, PhD, New York University Langone Health, New York, NY, USA

7:45 AM - 7:50 AM
Pro - Rebuttal

7:50 AM - 7:55 AM
Con - Rebuttal

7:55 AM - 8:00 AM
Q&A

Program Topic: Infectious Disease

Role of Virus-Specific T cells in SOT: Too Many Unknowns?

7:00 AM - 8:00 AM
Moderators:
Ghady Haidar, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA
Yasar Caliskan, MD, Saint Louis University, Saint Louis, MO, USA

7:00 AM - 7:15 AM
Setting the stage
Deepali Kumar, MD, MSc, FRCP, FAST, University Health Network Toronto, Toronto, ON, Canada

7:15 AM - 7:30 AM
Role of Virus Specific T cells in SOT: Knowns (Pro)
E. Steve Woodle, MD, University of Cincinnati College of Medicine, Cincinnati, OH, USA

7:30 AM - 7:45 AM
Role of Virus-Specific T cells in SOT: Unknowns (Con)
David Hildeman, PhD, Cincinnati Children’s Hospital, Cincinnati, OH, USA

7:45 AM - 7:50 AM
Rebuttal: Pro

7:50 AM - 7:55 AM
Rebuttal: Con

7:55 AM - 8:00 AM
Q&A

Program Topic: Pediatric

Challenges Posed by Donor - Recipient Size Mismatch in Pediatric Abdominal Organ Transplantation

7:00 AM - 8:00 AM
Moderators:
Caroline Lemoine Lemoine, MD, Ann and Robert H. Lurie Children’s Hospital/Northwestern University, Chicago, IL, USA
Kim Olthoff, MD, University of Pennsylvania, Philadelphia, PA, USA

7:00 AM - 7:15 AM
Organ Size Matching in Pediatric Liver Transplantation; Size-Matched Donors Vs. Split Liver Transplantation
Kambiz Etesami, MD, Los Angeles County + USC Medical Center, Los Angeles, CA, USA

7:15 AM - 7:30 AM
Organ Size Matching in Pediatric Kidney Transplantation; Time to Reconsider Utilizing Pediatric Kidneys?
Armando Ganoza, MD, University of Pittsburgh Medical Center - Montefiore, Pittsburgh, PA, USA

7:30 AM - 7:45 AM
Allocation Challenges in Pediatric Kidney Transplantation; Changes That Can Help Prioritize Patients
Nicole Hayde, MD, MS, Montefiore Medical Center, Bronx, NY, USA

7:45 AM - 8:00 AM
Q&A
Program Topic: Lung

Does Length Really Matter? The Story of Telomere Length and Thoracic Organs

7:00 AM - 8:00 AM
Moderators:
Marie Budev, DO, MPH, Cleveland Clinic, Cleveland, OH, USA
Lavanya Bellumkonda, MD, Yale University School of Medicine, Westport, CT, USA

7:00 AM - 7:15 AM
The Impact of Telomere Length in Thoracic Transplantation
Deborah Levine, MD, Stanford University, Palo Alto, CA, USA

7:15 AM - 7:30 AM
The Shortest Path May Not Be the Right One: The Comprehensive Management of a Lung Transplant Patient with Short Telomere Syndrome
Marie Budev, DO MPH, Cleveland Clinic, Cleveland, OH, USA

7:30 AM - 7:45 AM
Infectious Complications in the Patient with Short Telomeres
Robin Avery, MD, Johns Hopkins University, Baltimore, MD, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Vascularized Composite Allograft

The Quest for Solutions for the Major VCA Transplant Complications

7:00 AM - 8:00 AM
Moderators:
Stefan Tullius, MD, PhD, Brigham and Women's Hospital, Cambridge, MA, USA
Bruce Gelb, MD, NYU Langone Medical Center, New York, NY, USA

7:00 AM - 7:15 AM
Limiting Immunosuppression Related Side Effects - What is the Current State of Tolerance Protocols for VCA Recipients?
Christene Huang, PhD, University of Colorado, Denver, Anschutz Medical Campus, Aurora, CO, USA

7:15 AM - 7:30 AM
Avoiding Chronic Rejection - The Status of Cell-Based Therapies, Engineered Scaffolds and 3-D Bioprinting in VCA Transplant
Bransislav Kollar, MD, University of Freiburg Medical Center, Freiburg, Germany

7:30 AM - 7:45 AM
Dealing with Graft Loss in VCA Transplant - What the Alternative Treatment Options and What Are the Reconstruction Contingency Plans?
Bruce Gelb, MD, NYU Langone Medical Center, New York, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Advanced Practice Provider

Measuring Success in Transitioning Youth to Adult Transplant Providers

7:00 AM - 8:00 AM
Moderators:
Susan Diaz, DNP, FNP-BC, CPNP, University of California San Francisco, San Francisco, CA, USA
Jennifer Vittorio, MD, New York University (NYU) Langone Health, New York, NY, USA

7:00 AM - 7:15 AM
Optimizing Readiness: Interventions to Support Self-Management Skills in Transition to Adult Transplant Care
Elizabeth Christofferson, PhD, Children's Hospital Colorado, Aurora, CO, USA

7:15 AM - 7:30 AM
From Here to There: Outcome Parameters to Monitor Successful Transition in Transplant
Bethany M Coyne, PhD, CPNP-PC, RN, University of Virginia, Charlottesville, VA, USA

7:30 AM - 7:45 AM
Does Transition End at Transfer?: Strategies to Promote a Collaborative Partnership between the Young Adult and the Adult Provider
Lindsay King, MD, MPH, Duke University Health System,
Durham, NC, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Liver
Liver Transplantation for Acute Alcoholic Hepatitis: Lessons Recently Learned

7:00 AM - 8:00 AM
Moderators:
Shannan Tujios, MD, UT Southwestern Medical Center, Dallas, TX, USA
Thomas Leventhal, MD, University of Minnesota, Minneapolis, MN, USA

7:00 AM - 7:15 AM
Financial and Psychosocial Issues Pre and Post Transplant
Thomas Schiano, MD, The Mount Sinai Medical Center, New York, NY, USA

7:15 AM - 7:30 AM
Are There Disparities in Patient Selection
Dilip Moonka, MD, Henry Ford Health System, Detroit, MI, USA

7:30 AM - 7:45 AM
Do Delays to Decision Making Impact Outcome
Jeffrey Kahn, MD, University of Southern California Keck School of Medicine, Los Angeles, CA, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Kidney
Understanding and Communicating Risk: Who to Test and How to Incorporate APOL1 Results in the Care of Living Kidney Donors

7:00 AM - 8:00 AM
Moderators:
John Gill, MD MS, University of British Columbia, Vancouver, BC, Canada
Daniel Brennan, MD, FACP, Johns Hopkins Medical Institute, Baltimore, MD, USA

7:00 AM - 7:15 AM
An Overview of ERSD and Transplantation Rates in Blacks and the Status of APOL1 Testing
Jayme Locke, MD, MPH, FACS, FAST, University of Alabama at Birmingham School of Medicine, Birmingham, AL, USA

7:15 AM - 7:30 AM
Should Potential African American Kidney Donors be Routinely Tested for the APOL1 Gene?
Emilio Poggio, MD, Cleveland Clinic, Cleveland, OH, USA

7:30 AM - 7:45 AM
Is Increased ESRD Risk in Black Kidney Donors an Ethical Problem? Potential Solutions
Peter Reese, MD, PhD, FAST, University of Pennsylvania, Philadelphia, PA, USA

Program Topic: HLA
Progress in the Application of HLA Epitope Data to Improve Post-Transplant Risk Assessment

7:00 AM - 8:00 AM
Moderators:
Anna Morris, PhD, Emory University, Atlanta, GA, USA
Carrie Schinstock, MD, Mayo Clinic, Rochester, MN, USA

7:00 AM - 7:15 AM
A Path to Building a National HLA Epitope Matching Strategy

Ruth Sapir-Pichhadze, MD MSc PhD FRCP, McGill University, Montreal, QC, Canada

7:15 AM - 7:30 AM
A Comparison of the Different Tools Used For Modern Calculation of HLA Mismatches
Chris Wiebe, MD, FRCP, University of Manitoba, Winnipeg, MB, Canada

7:30 AM - 7:45 AM
Down to the Details: Potential Pitfalls and Limitations of HLA-Epitope Matching
Anat Tambur, PhD, DMD, Northwestern University, Chicago, IL, USA

7:45 AM - 8:00 AM
Q&A
**Program Topic: Basic Science**

**Pregnancy and Tolerance**

7:00 AM - 8:00 AM

**Moderators:**
Amandeep Bajwa, PhD, The University of Tennessee Health Science Center, Memphis, TN, USA
Olivia Martinez, Stanford University, Stanford, CA, USA

**7:00 AM - 7:15 AM**

Pregnancy Induced Humoral Sensitization and T cell Tolerance
Anita Chong, PhD, The University of Chicago, Chicago, IL, USA

**7:15 AM - 7:30 AM**

CD8 T Cell Exhaustion
Paige Porrett, MD, PhD, University of Alabama at Birmingham, Birmingham, AL, USA

**7:30 AM - 7:45 AM**

The Unique Immunological and Microbial Aspects of Pregnancy
Gil Mor, MD/PhD, Wayne State University, Detroit, MI, USA

**7:45 AM - 8:00 AM**

Q&A

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**Program Topic: Intestine**

**Disparities in Intestinal Failure and Transplant: Where are We and How Do We Improve?**

7:00 AM - 8:00 AM

**Moderators:**
Maria Segovia, MD, Duke University, Chapel Hill, NC, USA
Keri Lunsford, MD, PhD, FACS, Rutgers New Jersey Medical School, Newark, NJ, USA

**7:00 AM - 7:15 AM**

Disparity in Access to Intestinal Rehabilitation Centers
Alisha Mavis, MD, Duke University, Durham, NC, USA

**7:15 AM - 7:30 AM**

Disparity in Access to TPN

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Syed-Mohammed Jafri, MD, Henry Ford Hospital, Detroit, MI, USA

7:30 AM - 7:45 AM

Disparity and Best Practice of Intestine Transplant
Cal Matsumoto, MD, Georgetown Transplant Institute, Washington, DC, USA

7:45 AM - 8:00 AM

Q&A

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**Break**

8:00 AM - 8:15 AM

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**Plenary Oral Abstract Session**

**8:15 AM - 9:15 AM**

**Program Topic: All Topics**

**Plenary Oral Abstract Session 3**

8:15 AM - 9:15 AM

**Moderators:**
Elizabeth Pomfret, MD, PhD, University of Colorado, Aurora, CO, USA
Josh Levitsky, MD, MS, FAST, FAASLD, northwestern, Evanston, IL, USA

**8:15 AM - 8:30 AM**

Infections After Kidney Transplantation from Donors with HIV to Recipients with HIV: Results from the Multicenter Hope in Action Study
8:30 AM - 8:45 AM
Multiscale Genetic Architecture of Donor-Recipient Differences Reveals Intronic Lims1 Locus Mismatches Associated with Long-Term Renal Transplant Survival
M. Menon1, Z. Zhang2, K. Banu3, I. Gibson4, R. Colvin5, Z. Yi2, W. Zhang2, L. Gallon6, P. O’Connell1, J. Pober3, P. Heeger8, M. Menon3, 1Yale School of Medicine, New Haven, CT, 2Icahn School of Medicine at Mount Sinai, New York City, NY, 3Yale University School of Medicine, New Haven, CT, 4Max Rady College of Medicine, Edmundston, MB, Canada, 5Massachusetts General Hospital, Boston, MA, 6Northwestern University NMFF, Chicago, IL, 7University of Sydney, NSW, Australia, 8Cedars-Sinai Medical Center, West Hollywood, CA

8:45 AM - 9:00 AM
Pilot, Open, Randomized, Multicenter Trial for the Comparison of Hypothermic versus Normothermic Ex-Situ Liver Preservation in DCD Liver Transplantation with Extended Ischemia Time (dcdnet Trial)
D. Ghinolfi, F. Torri, P. De Simone, Azienda Ospedaliera Universitaria Pisana, Pisa, Italy

9:00 AM - 9:15 AM
Experimental Evidence of the Essential Role of Pulmonary Lymphatics and Their Expression of LTbR in Protection Against Development of Chronic Lung Allograft Dysfunction (CLAD)
W. W. Hancock1, L. Wang2, R. Han2, A. Tumanov3, H. Outtz Reed4, 1Pathology and Laboratory Medicine, Children’s Hospital of Philadelphia & University of Pennsylvania, Philadelphia, PA, 2Pathology and Laboratory Medicine, Children’s Hospital of Philadelphia, Philadelphia, PA, 3University of Texas Health Science Center at San Antonio, San Antonio, TX, 4Department of Medicine, Weill Cornell Medicine, New York, NY

AS Research Grants Recognition
9:15 AM - 9:45 AM

Program Topic: All Topics
Sponsor Networking
9:45 AM - 10:25 AM

Poster Session D
9:45 AM - 10:25 AM

Program Topic: All Topics
Poster Session D Presenters in Attendance

- Basic Science: Treg / Other Regulatory Cell / Tolerance
- Basic Science: Vascular, Lymphatic, Stromal and Parenchymal Cell Biology
- Basic Science: Xenotransplantation
- Basic Science: B-cell / Antibody /Autoimmunity
- Basic Science: Tissue Engineering, Cellular, and Regenerative Medicine
- Basic Science: Machine Perfusion and Organ Rehabilitation - Basic
- Basic Science: Histocompatibility and Immunogenetics
Basic Science: Immunosuppression & Tolerance: Preclinical & Translational Studies
Basic Science: Ischemia Reperfusion
VCA
Psychosocial & Ethics: Psychosocial and Treatment Adherence
Psychosocial & Ethics: Non-Organ Specific: Economics & Ethics
Psychosocial and Ethics: Non-Organ Specific: Equity and Ethics
Infectious Disease: Other Infection Including Heart and Lung
Pharmacy: Non-Organ Specific: Pharmacokinetics / Pharmacogenomics / Drug interactions
Kidney: Kidney Technical
Kidney: Acute Cellular Rejection
Kidney: Pediatrics
Kidney: Kidney Living Donor: Long Term Outcomes
Kidney: Kidney Living Donor: Selection
Kidney: Kidney Psychosocial
Kidney: Recurrent Kidney Disease & Genetics
Liver: Surgery Innovative Techniques
Liver: Retransplantation and Other Complications
Liver: Living Donor Liver Transplant and Partial Grafts
Liver: Recipient Selection
Organ Inclusive: Transplant Oncology

IMPACT Sessions
10:25 AM - 11:25 AM

Program Topic: Advanced Practice Provider
Managing Comorbidities Pre- and Post-Transplant
10:25 AM - 11:25 AM
Moderators:
Eliana Agudelo, PA-C, UCSF, San Francisco, CA, USA
Laurie Larson, ACNP, University of Minnesota, Minneapolis, MN, USA

10:25 AM - 10:40 AM
A Large Problem in Transplant: the Obesity Epidemic
Lisa Catalli, MSN, NP-C, UCSF, San Francisco, CA, USA
10:40 AM - 10:55 AM
Not So Sweet: Diabetes in Transplant Patients
Ann Hackett, APRN, Vanderbilt University Medical Center, Nashville, TN, USA
10:55 AM - 11:10 AM
The Heart of the Matter: Cardiovascular Disease in Transplant
Shahzia Lakhani, ACNP-BC, MedStar Georgetown Transplant Institute, Washington, DC, USA
11:10 AM - 11:25 AM
Q&A

Program Topic: Kidney
The Art and Science of Kidney Offer Decision-Making
10:25 AM - 11:25 AM
Moderators:
Matthew Cooper, MD, Medical College of Wisconsin, Milwaukee, WI, USA
Darren Stewart, MS, NYU Langone Health, New York, NY, USA
10:25 AM - 10:40 AM
Predictive Analytics, Tools, and Calculators for Evidence-Based Decision-Making
Allan Massie, PhD, NYU Langone Health, New York, NY, USA
10:40 AM - 10:55 AM
What Role should Procurement Biopsies have in Kidney Utilization Decisions?
Gaurav Gupta, MD, Virginia Commonwealth University, Richmond, VA, USA
10:55 AM - 11:10 AM
Patient-specific Mortality and Time-to-Next-Offer Predictions to Aid Decision-Making: The OPTN's DonorNet Predictive Analytics Project
Sumit Mohan, MD, MPH, Columbia University College of Physicians and Surgeons, New York, NY, USA
11:10 AM - 11:25 AM
Q&A
Program Topic: Basic Science

Emerging Concepts in Senescence and Immune Aging

10:25 AM - 11:25 AM
Moderators:
Olivia Martinez, Stanford University, Stanford, CA, USA
Paige Porrett, MD, PhD, University of Alabama at Birmingham, Birmingham, AL, USA

Impact of Aging on the Immune System and its Relevance to Transplantation
John Greenland, MD, PhD, University of California, San Francisco, CA, USA

Senescence and Aging in Transplantation
Stefan Tullius, MD, PhD, Brigham and Women’s Hospital, Boston, MA, USA

Cellular Senescence
Jan Van Deursen, PhD, Unity Biotechnology, Rochester, MN, USA

Program Topic: Heart

Buy One Get One Free? Assessing Renal Function in Heart Failure to Define Thresholds for Combined Heart-Kidney Transplant

10:25 AM - 11:25 AM
Moderators:
Emilio Poggio, MD, Cleveland Clinic, Cleveland, OH, USA
Mirneta Byku, MD, PhD, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

Oldie but a Goodie - Creatinine Based GFR in Advanced HF
Eileen Hsich, MD, Cleveland Clinic, Cleveland, OH, USA

New Kids on the Block - Cystatin C and Nuclear GFR Role

Program Topic: Psychosocial and Ethics

Promoting Equity in Kidney and Liver Transplantation for Minoritized Populations

10:25 AM - 11:25 AM
Moderators:
Alexandra Strauss, MD, PhD, MIE, Johns Hopkins University, Baltimore, MD, USA
Wendy Balliet, PhD, Medical University of South Carolina, Charleston, SC, USA

Health Disparities in Transplant Among Latinx/Hispanic Populations
Rebeca Castellanos, PhD, Medical University of South Carolina, Charleston, SC, USA

Trends in Gender Disparities in Transplant Access and Outcomes
Silvi Shah, MD MS, University of Cincinnati, Cincinnati, OH, USA

The Multi-Level Perspective of Disparities in Liver Transplantation
Lisa McElroy, MD MS, Duke, Durham, NC, USA

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Liver

Liver Transplantation in Critically ill Patients with Cirrhosis (ACLF)

10:25 AM - 11:25 AM
Moderators:
Justin Boike, MD, MPH, Northwestern University, Chicago, IL, USA
Robert Rahimi, MD, MSCR, Baylor Dallas, Dallas, TX, USA

10:25 AM - 10:40 AM
ACLF vs Decomp Cirrhosis: Definitions and Differences
Jennifer Lai, MD, MBA, University of California San Francisco, San Francisco, CA, USA

10:40 AM - 10:55 AM
ACLF - Current Management and Beyond
Christina Lindenmeyer, Cleveland Clinic, Cleveland, OH, USA

10:55 AM - 11:10 AM
ACLF in LT: Who, When, and Where is the Point of Futility
Lance Stein, MD, Piedmont Transplant Institute, Piedmont Atlanta Hospital, Atlanta, GA, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Translational

Expansion of the Use of CAR-T Therapy in Transplantation

10:25 AM - 11:25 AM
Moderators:
James Mathew, PhD, Northwestern University, Chicago, IL, USA
Mohamed Sayegh, MD, Brigham & Women’s Hospital, Boston, MA, USA

10:25 AM - 10:40 AM
Use of CAR-T Therapy in Solid Organ Transplant Recipients With Refractory Posttransplant Lymphoproliferative Disorder
Tarek Alhamad, MD, Washington University School of Medicine at St. Louis, Manchester, MO, USA

10:40 AM - 10:55 AM
Tregs to Treat GvHD
Everett Meyer, MD, PhD, Stanford University, Stanford, CA, USA

10:55 AM - 11:10 AM
Use of Polyfunctional CAR-T Cells Targeting Glypican-3 to Eliminate Hepatocellular Carcinoma
Mitchell Ho, PhD, National Cancer Institute, NIH, Bethesda, MD, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Pediatric

Building a Sustainable Pediatric Transplant Workforce

10:25 AM - 11:25 AM
Moderators:
Roshan George, MD, Emory University & Children’s Healthcare of Atlanta, Atlanta, GA, USA
Burnett Kelly, MD, MBA, FACS, FAST, DCI Donor Services, Inc., Sacramento, CA, USA

10:25 AM - 10:40 AM
Systemic Factors Contributing to Workforce Decline
Nicole Pilch, PharmD, MS, BCPS, CPHQ, FAST, Medical University of South Carolina, Charleston, SC, USA

10:40 AM - 10:55 AM
Changing the Face of Mental Health in Health Care Providers

10:55 AM - 11:10 AM
Recognizing and Preventing Burnout
Katherine Twombly, MD, Medical University of South Carolina, Charleston, SC, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Liver

Expanding the Liver Donor Pool: Living or DCD Donors, What is the Best Strategy?
10:25 AM - 11:25 AM
Moderators:
George Loss, MD, PhD, Ochsner Multi-Organ Transplant Institute, New Orleans, LA, USA
Caroline Jadlowiec, MD, Mayo Clinic Arizona, Phoenix, AZ, USA

10:25 AM - 10:40 AM
Current Status and Future Directions to Address the Ongoing Organ Shortage for Liver Transplantation
Amar Gupta, MD, Baylor University Medical Center/Baylor Simmons Transplant Institute, Dallas, TX, USA

10:40 AM - 10:55 AM
Possible DCD Liver? Sign Me Up
Amit Mathur, MD, MS, FACS, Mayo Clinic, Phoenix, AZ, USA

10:55 AM - 11:10 AM
Living Liver Donation is the Way to Go
Koji Hashimoto, MD, PhD, Cleveland Clinic, Cleveland, OH, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Pharmacy

An Update from TPAC (Transplant Pharmacy Adherence Consortium) on Transplant Adherence: Sharing Published Experiences and Lessons Learned

10:25 AM - 10:40 AM
Moderators:
Jennifer Melaragno, PharmD, University of Rochester Medical Center, Rochester, NY, USA
Tiffany Kaiser, PharmD, University of Cincinnati, Cincinnati, OH, USA

10:25 AM - 10:40 AM
Describe Current Center Practice and Perceptions Regarding Transplant Medication Nonadherence: Results of a Survey.
Jillian Fose, PharmD, University of Wisconsin Hospital and Clinics, Verona, WI, USA

10:40 AM - 10:55 AM
Is Pre-transplant Home-based Video Education Effective? Results from a Multicenter RCT (funded by TIRN grant)
Holly Mansell, PharmD, University of Saskatchewan, Saskatoon, SK, Canada

10:55 AM - 11:10 AM
Does Non-Adherence to Laboratory and Clinical Follow up Impact Medication Nonadherence?
David Taber, PharmD, MS, Medical University of South Carolina, Charleston, SC, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Infectious Disease

Innovations in Transplant ID Medical Education

10:25 AM - 11:25 AM
Moderators:
Varun Phadke, MD, Emory University, Decatur, GA, USA
Todd McCarty, MD, UAB, Birmingham, AL, USA

10:25 AM - 10:40 AM
Creating Online Educational Resources for Transplant ID
Yoram Puius, MD, PhD, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY, USA

10:40 AM - 10:55 AM
Using Podcasts as a Teaching Tool
Sara Dong, MD, Beth Israel Deaconess Medical Center & Boston Children’s Hospital, Boston, MA, USA

10:55 AM - 11:10 AM
Developing a Curriculum for a Transplant ID Fellowship Program
Raymund Razonable, MD, Mayo Clinic College of Medicine, Rochester, MN, USA

11:10 AM - 11:25 AM
Q&A

Program Topic: Kidney

Emerging Tools to Improve Defining and Managing T Cell Mediated Rejection

10:25 AM - 11:25 AM
Moderators:
Evan Farkash, MD, PhD, FAST, Michigan Medicine, Ann Arbor, MI, USA

10:25 AM - 11:25 AM
Does Non-Adherence to Laboratory and Clinical Follow up Impact Medication Nonadherence?
David Taber, PharmD, MS, Medical University of South Carolina, Charleston, SC, USA

11:10 AM - 11:25 AM
Q&A
10:25 AM - 10:40 AM
How Best to Assess the Reversibility of TCMR
Chris Wiebe, MD, University of Manitoba, Winnipeg, MB, Canada

10:40 AM - 10:55 AM
Emerging Diagnostic Technologies Playing a Role on Rejection Resolution Assessment
Philip Halloran, MD, University of Alberta, Edmonton AB, AB, Canada

10:55 AM - 11:10 AM
Towards an Improved Diagnostic Standard for Kidney Transplant Rejection: Reflections on the Banff Classification and Precision Medicine Approaches
Roslyn Mannon, MD, FAST, University of Nebraska Medical Center, Omaha, NE, USA

11:10 AM - 11:25 AM
Q&A

Break
11:25 AM - 11:30 AM

ASTS Research Grants Recognition
11:30 AM - 12:00 PM

State-of-the-Art Lecture #2
12:00 PM - 12:30 PM

Program Topic: All Topics
Paul I. Terasaki State-of-the-Art Lecture
Sponsored by the Terasaki Innovation Center

12:00 PM - 12:30 PM
Growing Organs In Vivo: iPS Cell-derived Xeno-created Organs for Transplantation
Hiro Nakauchi, MD, PhD, Institute for Stem Cell Biology and Regenerative Medicine, Stanford University School of Medicine, Stanford, CA, USA

Break
12:30 PM - 12:45 PM

Sponsored Satellite Symposia
12:45 PM - 1:45 PM

Program Topic: All Topics
What’s New, and What’s Next? Customizing COVID-19 Prevention Approaches in Transplant Patients to Increase Uptake, Access, and Efficacy Supported by an independent educational grand from AstraZeneca LP

A Closer Look at Co-Stimulation Blockade in Organ Transplantation Supported by and independent educational grant from Veloxis

Incorporating New Therapies to Hone the Treatment of Resistant or Refractory CMV in the Post-SOT Setting Supported by an independent educational grant from Takeda

Symposia will take place at the Manchester Grand Hyatt Hotel. These symposia are not part of the ATC official educational program, and the sessions and content are not endorsed by ATC.

These are open to all registered ATC attendees and there is no separate registration fee to attend.

Meet the Expert Sessions
12:45 PM - 1:45 PM

Program Topic: Professional Development
Assessing and Mitigating Burnout of the Transplant Professional
12:45 PM - 1:45 PM
Moderators:
Jennifer Melaragno, PharmD, University of Rochester, Rochester, NY, USA
Al-Faraaz Kassam, MD, MBA, UC Health, Cincinnati, OH, USA

12:45 PM - 1:00 PM
Clinician Burnout in Transplant
Michelle Jesse, PhD, Henry Ford Health System, Detroit, MI, USA

1:00 PM - 1:15 PM
Pharmacist Burnout in Transplant
Alicia Lichvar, PharmD, MS, University of California San Diego Health, La Jolla, CA, USA

1:15 PM - 1:30 PM
Nursing Burnout in Transplant
Rebecca Duke, DNP, MSN, APRN-CNP, Northwestern Memorial Hospital, Chicago, IL, USA

1:30 PM - 1:45 PM
Psychology of Burnout
Michelle Jesse, PhD, Henry Ford Health System, Detroit, MI, USA

Program Topic: Psychosocial and Ethics
Being the Rainbow in Someone Else’s Cloud: Optimizing Care for LGBTQ Transplant Patients and Supporting LGBTQ Providers

12:45 PM - 1:45 PM
Moderators:
Mitchell Lunn, MD, MAS, FASN, FACP, Stanford University, Palo Alto, CA, USA
Samira Farouk, MD, MSCR, FASN, Icahn School of Medicine at Mount Sinai, New York, NY, USA

12:45 PM - 1:00 PM
Providing LGBTQ Inclusive Transplant Care: The Patient Perspective
Ken Sutha, MD, PHD, Stanford University School of Medicine, Palo Alto, CA, USA

1:00 PM - 1:15 PM
Providing LGBTQ Inclusive Transplant Care: The Provider Perspective
Tzu-Hao (Howard) Lee, MD, Baylor College of Medicine, Houston, TX, USA

1:15 PM - 1:30 PM
Pre- and Post-Donation Interventions to Improve Living Donor Candidacy in Obese Individuals
Yuri Genyk, Division Chief, University of Southern California, Los Angeles, CA, USA

1:30 PM - 1:45 PM
Outcomes of LDLT from Obese Donors
Alexandra Shingina, MD, MSc, VUMC, Nashville, TN, USA

Program Topic: Liver
Challenging Issues for Growing your Program

12:45 PM - 1:45 PM
Moderators:
Benjamin Samstein, MD, Weill Cornell Medicine
Amit Nair, MD, University of Rochester Medical Center, Rochester, NY, USA

12:45 PM - 1:00 PM
Non-Directed Donors in LDLT
Nazia Selzner, MD, PhD, Toronto General Hospital, Toronto, ON, Canada

1:00 PM - 1:15 PM
Pre- and Post-Donation Interventions to Improve Living Donor Candidacy in Obese Individuals
Yuri Genyk, Division Chief, University of Southern California, Los Angeles, CA, USA

1:15 PM - 1:30 PM
Outcomes of LDLT from Obese Donors
Alexandra Shingina, MD, MSc, VUMC, Nashville, TN, USA

1:30 PM - 1:45 PM
Q&A

Program Topic: Infectious Disease
Transplantation and COVID-19 - Challenges and Controversies

12:45 PM - 1:45 PM
Moderators:
Max Weder, MD, University of Virginia, Charlottesville, VA, USA
Michael Ison, MD, MS, Respiratory Diseases Branch, NIH/NIAID/DMID, Bethesda, MD, USA

12:45 PM - 1:00 PM
Transplant for COVID-related Lung Disease: Candidate Selection and Outcomes
Saima Aslam, MBBS, University of California San Diego, San Diego, CA, USA

1:00 PM - 1:15 PM
COVID-19 in Organ Donors and Wait-listed Patients
Emily Eichenberger, MD MHS, Emory University School of Medicine, Atlanta, GA, USA

1:15 PM - 1:45 PM
Q&A

Program Topic: Pancreas

Improved Access to Pancreas Transplant: A Collaborative Effort of Endocrinologist, Nephrologist, and Surgeons

12:45 PM - 1:45 PM
Moderators:
Neeraj Singh, MD, Willis-Knighton Health System, Shreveport, LA, USA
Swati Rao, MBBS, University of Virginia, Charlottesville, VA, USA

1:45 PM - 1:00 PM
Will This Patient Benefit from Pancreas Transplant? - Endocrinologist Perspective
Meaghan Stumpf, MD, University of Virginia, Charlottesville, VA, USA

1:00 PM - 1:15 PM
Will This Patient Benefit from Pancreas Transplant? - Nephrologist Perspective
Samy Riad, MD, MS, University of Minnesota, Rochester, MN, USA

1:15 PM - 1:30 PM
Will This Patient Benefit from Pancreas Transplant? - Surgeon Perspective
Rachel Forbes, MD, MBA, FACS, Vanderbilt University Medical Center, Nashville, TN, USA

1:30 PM - 1:45 PM
Q&A

Break
1:45 PM - 2:00 PM

IMPACT Sessions
2:00 PM - 3:00 PM

Program Topic: Intestine

Anthropometrics / Sarcopenia Evaluation in the Intestinal Rehabilitation and Transplant Population

2:00 PM - 3:00 PM
Moderators:
Alan Langnas, DO, University of Nebraska Medical Center, Omaha, NE, USA
Beverly Kosmach-Park, DNP, RN, FAAN, Children's Hospital of Pittsburgh, Allison Park, PA, USA

2:00 PM - 2:15 PM
Sarcopenia and Anthropometrics: Definitions and Measurements
Thomas Pietrowsky, MS, RD, CCTD, Henry Ford Hospital, Detroit, MI, USA

2:15 PM - 2:30 PM
Anthropometrics: Use in the Intestinal Failure Population
Kishore Iyer, FACS, MBBS, FRCS, Mount Sinai Medical Center, New York, NY, USA

2:30 PM - 2:45 PM
Anthropometrics in the Intestinal Transplant Population
Shaheed Merani, MD, PhD, FRCSC, FACS, University of Nebraska Medical Center, Omaha, NE, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Basic Science

Monitoring Rejection and Tolerance Through High Throughput TcR Sequencing

2:00 PM - 3:00 PM
Moderators:
Tomoaki Kato, MD, MBA, Columbia University, New York, NY, USA
Angus Thomson, PhD, DSc, FRCPath, FAST, Thomas E. Starzl Transplantation Institute, Pittsburgh, PA, USA
2:00 PM - 2:15 PM
TcR Sequencing of Biopsies for Diagnosing Rejection
Tiffany Shi, B.S., Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

2:15 PM - 2:30 PM
Non-invasive Diagnosis of Rejections in Blood and Urine by Monitoring Donor Reactive T Cell Clones
James Mathew, PhD, Northwestern University, Chicago, IL, USA

2:30 PM - 2:45 PM
Monitoring Tolerance Through High Throughput TcR Sequencing.
Jianing Fu, PhD, Columbia University Irving Medical Center, New York, NY, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Other
Hospital Based Donor Recovery Centers

2:00 PM - 3:00 PM
Moderators:
Jennifer Pavone, MS, RN, AGACNP-BC, NYU Langone Health, New York, NY, USA
Richard Hasz, CPTC, MFS, Gift of Life Donor Program, Philadelphia, PA, USA

2:00 PM - 2:15 PM
Implementation of a Transplant Hospital Based Donor Recovery Center
Jennifer Milton, BSN, MBA, University Health Transplant Institute, San Antonio, TX, USA

2:15 PM - 2:30 PM
The Role of the Intensivist and Clinical Donor Management Protocols
Niels Martin, MD, University of Pennsylvania, Philadelphia, PA, USA

2:30 PM - 2:45 PM
Unique Research Opportunities Facilitated by a DRC
Emily Vail, MD, MSc, University of Pennsylvania, Philadelphia, PA, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Basic Science
Late Breaking IMPACT: Transplantation Nanomedicine - The New Frontier

2:00 PM - 3:00 PM
Moderators:
Vijay Gorantla, MD, PhD, FRCS, Wake Forest Institute for Regenerative Medicine, Winston-Salem, NC, USA
Kim Solez, MD, University of Alberta, Edmonton, AB, Canada

2:00 PM - 2:15 PM
Advanced Nanocarriers for Ischemia Mitigation and Prolonged Ex Vivo Organ Transplant Preservation
Jelena Janjic, PharmD, PhD, Duquesne University, Pittsburgh, PA, USA

2:15 PM - 2:30 PM
Advances in Transplant Targeted Immunosuppression Using Nanotechnology Strategies
Phil Campbell, PhD, Carnegie Mellon University, Pittsburgh, PA, USA

2:30 PM - 2:45 PM
Nanobiomaterials for Transplant Immunomodulation - Potential and Promise
Vijay Gorantla, MD, PhD, FRCS, Wake Forest Institute for Regenerative Medicine, Winston-Salem, NC, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Translational
Screening and Therapeutic Options for Graft Versus Host Disease in Solid Organ Transplant

2:00 PM - 3:00 PM
Moderators:
Lorenzo Gallon, MD, Northwestern University, Chicago, IL, USA
Nadiesda Costa, MD, MPH, Medstar Georgetown Transplant Institute, Washington, DC, USA

2:00 PM - 2:15 PM
Monitoring for Graft Versus Host Disease in Solid Organ Transplant: Make it a Routine
Christina Lindenmeyer, MD, Cleveland Clinic, Cleveland, OH, USA

2:15 PM - 2:30 PM
Utility of Blood Chimerism for Monitoring and Detection of Graft Versus Host Disease in SOT
Joseph Leventhal, MD, PhD, Northwestern Medicine, Chicago, IL, USA

2:30 PM - 2:45 PM
HSCT as Salvage Therapy in SOT Recipients
Jason Cooper, MD, PhD, University of Washington, Seattle, WA, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Kidney
Allocating End-of-Chain Kidneys in Paired Exchange: Where Should the Kidney Go?

2:00 PM - 3:00 PM
Moderators:
Stephanie Yi, MD, FACS, MPH, Houston Methodist Hospital, Houston, TX, USA
Elizabeth Thomas, DO, University of Texas Health San Antonio, San Antonio, TX, USA

2:00 PM - 2:15 PM
The Best Use of End-Of-Chain Kidneys Is to Remain with the Exchange
Jeffrey Veale, MD, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

2:15 PM - 2:30 PM
The Best Use of End-of-chain Kidneys is to be Allocated through UNOS
Michael Rees, MD, PhD, University of Toledo Physicians, LLC, Toledo, OH, USA

2:30 PM - 2:45 PM
End-of-Chain Kidneys Should Stay with the Donor’s Center of Record
Vanessa Humphreville, MD, University of Minnesota Medical Center, Minneapolis, MN, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Kidney
Utility and Beneficence Consideration in Organ Allocation for Simultaneous Heart Kidney & Lung Kidney Transplant

2:00 PM - 3:00 PM
Moderators:
Christie Thomas, MD, Carver College of Medicine - University of Iowa, Iowa City, IA, USA
Richard Formica, MD, Yale University School of Medicine, New Haven, CT, USA

2:00 PM - 2:15 PM
Kidney Function and Non-renal Solid Organ Transplantation
Program Topic: Pancreas

Long-term Successes of Pancreas Transplantation

2:00 PM - 3:00 PM
Moderators:
Ronald Parsons, MD, Emory University School of Medicine, Atlanta, GA, USA
Angie Nishio-Lucar, MD, University of Virginia, Charlottesville, VA, USA

2:00 PM - 2:15 PM
Let’s Remember in Pancreas Transplantation: the Long-Term Benefits are There for the Taking
Sandesh Parajuli, MD, University of Wisconsin, Madison, WI, USA

2:15 PM - 2:30 PM
The Rules of The Game: Current UNOS Policy Requirements for SPK Listing
Raja Kandaswamy, MD, FACS, University of Minnesota, Minneapolis, MN, USA

2:30 PM - 2:45 PM
Liberal Criteria for SPKT Will Increase Adoption and Benefit More Patients - Optimizing Utilization of Pancreas for all Insulin Dependent Diabetes Patients
Silke Niederhaus, MD, University of Maryland School of Medicine, Baltimore, MD, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Liver

How Do You Build an Abdominal Normothermic Regional Perfusion DCD Program?

2:00 PM - 3:00 PM
Moderators:
Gregory McKenna, MD, Baylor Simmons Transplant Institute, Dallas, TX, USA
Aaron Ahearn, MD, PhD, University of Southern California, Los Angeles, CA, USA

2:00 PM - 2:15 PM
Establishing an Argument for Abdominal NRP DCD Transplant - A Review of the Ethics, Costs, Outcomes
Anji Wall, MD, PhD, Baylor Simmons Transplant Institute,
2:15 PM - 2:30 PM
Assembling the Abdominal NRP DCD Team and Gaining Institutional Buy-in.
Aleah Brubaker, MD, PhD, University of California San Diego, La Jolla, CA, USA

2:30 PM - 2:45 PM
The OPO Perspective on Abdominal NRP DCD - Logistics, Outreach and Hospital Standardization
Bradley Adams, JD, Southwest Transplant Alliance, Dallas, TX, USA

2:45 PM - 3:00 PM
Q&A

Program Topic: Liver & Pediatric
Every Child Should Have Access to LDLT in the USA

2:00 PM - 3:00 PM
Moderators:
Caroline Lemoine, MD, Ann and Robert H. Lurie Children’s Hospital/Northwestern University, Chicago, IL, USA
Pamela Valentino, MD, MSc, Seattle Children’s Hospital, Seattle, WA, USA

2:00 PM - 2:15 PM
Policy and Heath System Barriers to Pediatric LDLT in USA
Manuel Rodriguez-Davalos, MD, Primary Children’s Hospital, Salt Lake City, UT, USA

2:15 PM - 2:30 PM
Pro: All Children Should have Access to LDLT
Megan Adams, MD, Children’s Hospital Colorado, Aurora, CO, USA

2:30 PM - 2:45 PM
Con: Pediatric LDLT Should be Reserved for Select Cases
Deepak Vikraman, MD, Duke University Medical Center, Durham, NC, USA

2:45 PM - 2:50 PM
Rebuttal: Pro

2:50 PM - 2:55 PM
Rebuttal: Con

2:55 PM - 3:00 PM
Q&A

Sponsor Networking
3:00 PM - 3:30 PM

Program Topic: All Topics

Sponsor Networking
Join your fellow colleagues in the Exhibit Hall for the opening reception with sponsors. Beverages and Hors D’oeuvres will be served.

Poster Session D
3:00 PM - 3:30 PM

Program Topic: Poster Session D Presenters in Attendance

- **Basic Science**: Treg / Other Regulatory Cell / Tolerance
- **Basic Science**: Vascular, Lymphatic, Stromal and Parenchymal Cell Biology
- **Basic Science**: Xenotransplantation
- **Basic Science**: B-cell / Antibody /Autoimmunity
- **Basic Science**: Tissue Engineering, Cellular, and Regenerative Medicine
- **Basic Science**: Machine Perfusion and Organ Rehabilitation - Basic
- **Basic Science**: Histocompatibility and Immunogenetics
- **Basic Science**: Immunosuppression & Tolerance: Preclinical & Translational Studies
- **Basic Science**: Ischemia Reperfusion
- **VCA**
- **Psychosocial & Ethics**: Psychosocial and Treatment Adherence
- **Psychosocial & Ethics**: Non-Organ Specific: Economics & Ethics
- **Psychosocial and Ethics**: Non-Organ Specific: Equity and Ethics
- **Infectious Disease**: Other Infection Including Heart and Lung
- Pharmacy: Non-Organ Specific: Pharmacokinetics / Pharmacogenomics / Drug interactions
- Kidney: Kidney Technical
- Kidney: Acute Cellular Rejection
- Kidney: Pediatrics
- Kidney: Kidney Living Donor: Long Term Outcomes
- Kidney: Kidney Living Donor: Selection
- Kidney: Kidney Psychosocial
- Kidney: Recurrent Kidney Disease & Genetics
- Liver: Surgery Innovative Techniques
- Liver: Retransplantation and Other Complications
- Liver: Living Donor Liver Transplant and Partial Grafts
- Liver: Recipient Selection
- Organ Inclusive: Transplant Oncology

**Poster Chats Session 3**
3:00 PM - 3:30 PM

**Program Topic: Heart & Kidney**
Heart, Kidney, and Organ Inclusive

3:00 PM - 3:30 PM
Moderator:
Christina Doligalski, PharmD, BCPS, CPP, FAST, FCCP, University of North Carolina, Chapel Hill, NC, USA

3:00 PM - 3:10 PM
Efficacy and Safety of Early ACEi/ARB Use in Heart Transplant Recipients
A. H. Bui¹, R. Lee², K. Khush³, J. J. Teuteberg³, Y. Moayedi⁴, H. I. Luikart³, J. Han⁵, B. Guenthart³, E. Henricksen², ¹Sentara Norfolk General Hospital, Norfolk, VA, ²Stanford Medicine, Stanford, CA, ³Stanford University, Stanford, CA, ⁴University Health Network, Toronto, ON, Canada, ⁵University of Chicago, Chicago, IL

3:10 PM - 3:20 PM
Association of Pre-Transplant Dialysis Modality with Incident Atrial Fibrillation Following Kidney Transplantation
L. Pozo Garcia¹, S. Liu², C. Lenihan², W. C. Winkelmayer¹, P. Khairallah¹, ¹Baylor College of Medicine, Houston, TX, ²Stanford Medicine, Palo Alto, CA

3:20 PM - 3:30 PM
Rapid Portable Digital Spectrophotometry to Assess Macrovesicular Steatosis in the Liver
M. Kueht, J. Gosnell, H. Ghani, R. Zhang, A. Moghe, H. L. Stevenson, University of Texas Medical Branch, Galveston, TX

**Program Topic: Administrative & Advanced Practice Provider**
Administrative, APP, and All Topics

3:00 PM - 3:30 PM
Moderator:
Navpreet Kaur, MD, USC - Keck School of Medicine, Los Angeles, CA, USA

3:00 PM - 3:10 PM
30 and 365 Readmissions in Patients with Orthotopic Liver Transplantation in a Large Volume Single Center
L. A. Mercado¹, H. K. Bhangu¹, F. Gil-Lopez², K. Gungor³, R. Chirila⁴, M. Yataco⁴, T. Menser⁴, D. M. Harnois⁴, ¹Liver Transplant, Mayo Clinic, Jacksonville, FL, ²Mayo Clinic, Jacksonville, FL, ³Transplant, Mayo Clinic, Jacksonville, FL, ⁴Internal Medicine, Mayo Clinic, Jacksonville, FL, ⁵Gastroenterology and Hepatology, Mayo Clinic, Jacksonville, FL, ⁶Health Care Delivery Research, Mayo Clinic, Jacksonville, FL

3:10 PM - 3:20 PM
Patient Survival Outcome with Dcd Donor Over 90 Minutes
V. E. Whittaker, James J. Peters Medical Center, Bronx, NY

3:20 PM - 3:30 PM
Polyclonal Treg Therapy for Renal Allograft Inflammation: Results of CTOT-21, A Randomized Controlled Clinical Trial
S. Chandran¹, Q. Tang¹, J. C. Leung¹, Z. Laszik¹, B. Armstrong², M. Morshheimer², E. Farkash³, R. B. Mannon⁴, S. Davis⁴, J. Friedewald⁴, F. Vincenti⁴, ¹UCSF, San Francisco, CA, ²Rho, Durham, NC, ³DAIT, NIAID, Bethesda, MD, ⁴U of Michigan, Ann Arbor, MI, ⁵U of Nebraska, Omaha, NE, ⁶U of Colorado, Denver, CO, ⁷Northwestern U, Chicago, IL

**Rapid Fire Oral Abstract Sessions**
3:30 PM - 5:00 PM
Program Topic: Liver

**Hepatic Malignancy**

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

**Moderators:**
Abbas Rana, MD, Baylor College of Medicine, Houston, TX, USA
Vatche Agopian, MD, University of California Los Angeles (Multi-Organ), Los Angeles, CA, USA

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

Dynamic Changes During the 6-Month Waiting Period Predict Waitlist Outcome in Liver Transplant Candidates with Hepatocellular Carcinoma

A. Kwong1, J. Norman1, T. Ghaziani1, N. Mehta2, 1Stanford University, Stanford, CA, 2UCSF, San Francisco, CA

**3:40 PM - 3:50 PM**

Phase I Study of Adjuvant Immunotherapy Using Donor Liver Natural Killer Cells for Liver Transplant Recipients with Hepatocellular Carcinoma

M. Ohira1, Y. Imaoka1, K. Imaoka1, T. Bekki1, R. Nakano1, H. Sakai1, N. Tanimine1, H. Tahara1, K. Ide1, T. Kobayashi1, Y. Tanaka1, A. G. Tzakis2, S. Nishida2, H. Ohdan1, 1Hiroshima University, Hiroshima, Japan, 2University of Miami, Miami, FL

**3:50 PM - 4:00 PM**

A Prospective Multicenter Validation of Retreat for Post-Transplant Hepatocellular Carcinoma Recurrence Prediction

J. Li1, P. Tabrizian2, D. Dahe2, V. Ajmera4, E. Montalvan5, J. A. Gutierrez6, K. Zhou7, F. Imdad8, F. Delebecque9, N. Garcia10, B. Barrick11, C. Wong12, L. Nephew13, J. Holden14, S. Dave15, G. Schnickel16, N. Rich17, S. Florman18, F. Yao19, A. Singal20, N. Mehta21, 1UCSF, SF, CA, 2Mt. Sinai, New York, NY, 3UTSW, Dallas, TX, 4UCSD, SD, CA, 5Indiana University, Indianapolis, IN, 6Scripps, La Jolla, CA, 7USC, LA, CA

**4:00 PM - 4:10 PM**

Prognostic Gene Signature Present within Background Liver Parenchyma of Transplant Recipients with Hepatocellular Carcinoma


**4:10 PM - 4:20 PM**

Dendritic Cell-Based Immunotherapy for Recurrent Hepatocellular Carcinoma After Liver Transplantation


**4:20 PM - 4:30 PM**

Impact of Immune Checkpoint Inhibitors Pre Transplantation: Intention to Treat Outcomes from a Multi-Center Study

P. Tabrizian1, Y. Bekki2, V. Ajmera3, A. Kim4, K. Zhou5, G. Schnickel1, K. Torosian7, M. Hoteit8, F. Yao9, S. Florman2, M. Schwartz2, N. Mehta2, 1Mount Sinai Medical Center NY, RMTI, New York, NY, 2RMTI, NY, NY, 3UCSD, SD, CA, 4JH, Baltimore, MD, 5USC, SC, CA, 6UPenn, Philadelphia, PA, 7UCSF, SF, CA

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

Unaccounted Tumor Deposits in Pathologic Specimens of Patients with Colorectal Liver Metastases Treated with Liver Transplantation

M. Chávez-Villa1, L. I. Ruffolo1, B. Al-judaibi2, M. Fujiki3, K. Hashimoto4, J. Kallas1, C. Kwon2, A. Nair4, M. Orloff4, K. Pineda-Solis5, R. Raj2, K. Sasaki6, K. Tomiyama7, F. Aucejo5, R. Hernandez-Alejandro1, 1University of Rochester Medical Center, Rochester, NY, 2Cleveland Clinic Foundation, Cleveland, OH, 3Stanford University Medical Center, Stanford, CA

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

Living Donor Liver Transplantation for Colorectal Cancer Liver Metastases: Midterm Outcomes at a Single Center in North America

C. Kaltenmeier, D. Geller, S. Ganesh, S. Tohme, M. Molinari, A. Tevar, C. Hughes, A. Humar, University of Pittsburgh, Pittsburgh, PA

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

Liver Transplantation with Neoadjuvant Therapy or Resection in Localized Intrahepatic Cholangiocarcinoma: A National Cancer Database Analysis

R. W. Hu1, O. Moon1, S. Na2, P. Silberstein3, 1Creighton University School of Medicine, Omaha, NE, 2Renaissance School of Medicine at Stony Brook University, Stony Brook, NY, 3Catholic Health Initiatives, Omaha, NE

Program Built in Pacific Time Zone

PROGRAM AS OF JUNE 3, 2023
Program Topic: Basic Science

Treg / Other Regulatory Cell / Tolerance

3:30 PM - 5:00 PM
Moderators:
Suzanne Ildstad, MD, University of Louisville, Louisville, KY, USA
James Mathew, PhD, Northwestern University, Chicago, IL, USA

3:30 PM - 3:40 PM
A Role for IgG in GzmB+ Regulatory B Cells in Tolerance
L. Cappeller, N. Yeremenko, N. Sailliet, F. Brinas, R. Danger, S. Brouard, L. Berthelot, Nantes Université, Inserm, CR2TI UMR1064, Nantes, France

3:40 PM - 3:50 PM
Donor PD-L1 is Required for Organ Transplant Tolerance in MHC-Mismatched Mixed Chimeras
Y. Huang, X. Wu, S. Tang, U. Nasri, Q. Qin, Q. Song, B. Wang, H. Tao, A. Chong, D. Zeng, DMRI, City of Hope National Medical Center, Duarte, CA, Department of Computational and Quantitative Medicine, City of Hope, Duarte, CA, DMRI, City of Hope, Duarte, CA, Department of Hepatobiliary Surgery, Union Hospital, Wuhan, China, City of Hope, Duarte, CA, Department of Surgery, The University of Chicago, Chicago, IL

3:50 PM - 4:00 PM
Multiple Infusions of Ex Vivo-Expanded Polyclonal Treg Delay Rejection and Promote Systemic and Intragraft CD163+ Myeloid Cells in Kidney Allograft Recipient Monkeys
M. Kubo, K. Sasaki, L. Lu, V. Vujevich, M. A. Wood-Trageser, K. Golnosi, A. Lesnial, V. Gunabushanam, A. Ganoza, M. Wijikstrom, A. Demetris, A. Humar, A. Thomson, M. Ezzelarab, Department of Surgery, Thomas E. Starzl Transplantation Institute, University of Pittsburgh, Pittsburgh, PA, Department of Pathology, University of Pittsburgh, Pittsburgh, PA

4:00 PM - 4:10 PM
Maintenance of Lung Graft Tolerance is Dependent on Continuous Recruitment of Foxp3+ Cells to Allografts
Y. Bai, W. Li, Y. Terada, H. M. Shepherd, J. M. Gauthier, Y. Yokoyama, A. Berry, A. Alessandrini, P. T. Sage, A. Bharati, R. G. Nava, A. S. Kru McNick, A. E. Gelman, K. J. Lavine, D. Kreisel, Washington University in St. Louis, St. Louis, MO, Massachusetts General Hospital, Boston, MA, Brigham and Women’s Hospital, Boston, MA, Northwestern University, Chicago, IL, University of Maryland, Baltimore, MD

Program Topic: Psychosocial & Ethics

Psychosocial, Economics, and Ethics

3:30 PM - 5:00 PM
Moderators:
Keren Ladin, PhD MSc, Tufts University, Medford, MA, USA
Barrett Crowther, PharmD, BCPS, FCCP, FAST, University of Colorado Health, Aurora, CO, USA

3:30 PM - 3:40 PM
Pre-Transplant Multidisciplinary Assessment on Medication Adherence and Transplant Outcomes
3:40 PM - 3:50 PM
Cost-Effectiveness Analysis of Adult Living-Donor Liver Transplantation in Japan

T. Tajima\textsuperscript{1}, J. Shin\textsuperscript{1}, S. Kunisawa\textsuperscript{1}, N. Sasaki\textsuperscript{1}, K. Hata\textsuperscript{2}, K. Fushimi\textsuperscript{3}, E. Hatano\textsuperscript{2}, Y. Imanaka\textsuperscript{1}, \textsuperscript{1}Healthcare Economics and Quality Management, Kyoto University, Kyoto, Japan, \textsuperscript{2}HBP Surgery and Transplantation, Kyoto University, Kyoto, Japan, \textsuperscript{3}Health Policy and Informatics, Tokyo Medical and Dental University, Tokyo, Japan

3:50 PM - 4:00 PM
The Development of Psychological Services for Lung Transplant Patients

K. Schmidt, C. Balderas, M. Lucido, Psychiatry & Behavioral Sciences, Emory University, Atlanta, GA

4:00 PM - 4:10 PM
Associated Factors to Nonadherence to Routine Health Care Appointments After Kidney Transplantation: The Adhere Brazil Multicenter Study

H. Sanders-Pinheiro\textsuperscript{1}, R. L. Karlburger\textsuperscript{1}, J. H. Pinho\textsuperscript{1}, F. A. Colugnati\textsuperscript{1}, J. O. Medina\textsuperscript{2}, T. V. Sandes-Freitas\textsuperscript{3}, S. De Geest\textsuperscript{4}, S. ADHERE BRAZIL\textsuperscript{5}, \textsuperscript{1}Nephrology, Federal University of Juiz de Fora, Juiz de Fora, Brazil, \textsuperscript{2}Nephrology, Hospital do Rim. Federal University of São Paulo, São Paulo, Brazil, \textsuperscript{3}Clinical Medicine, Federal University of Ceara, Fortaleza, Brazil, \textsuperscript{4}Department of Public Health, Institute of Nursing Science, University of Basel, Basel, Switzerland, \textsuperscript{5}Federal University of Juiz de Fora, Juiz de Fora, Brazil

4:10 PM - 4:20 PM
A Patient Facing Tool for Multiorgan Transplant Outcomes

Y. Ahn\textsuperscript{1}, G. Lyden\textsuperscript{1}, Y. Mi\textsuperscript{2}, D. Zaun\textsuperscript{1}, C. Schaffhausen\textsuperscript{1}, J. Snyder\textsuperscript{1}, A. Hart\textsuperscript{1}, \textsuperscript{1}Scientific Registry of Transplant Recipients, Minneapolis, MN, \textsuperscript{2}St. Olaf College, Northfield, MN

4:20 PM - 4:30 PM
A Multicomponent Medication Adherence Promotion System Decreases Late T-Cell Mediated Rejection

J. Bonn\textsuperscript{1}, A. Taylor\textsuperscript{1}, T. Ambrosino\textsuperscript{1}, S. Wadhwa\textsuperscript{1}, \textsuperscript{1}Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, \textsuperscript{2}University of California San Francisco, Oakland, CA

4:30 PM - 4:40 PM
Psychiatric Disease is Common After Adult Liver Transplantation and Associated with Significant Financial Burden in a Large U.S. National Cohort

A. R. Jones\textsuperscript{1}, Y. Jiang\textsuperscript{1}, M. Patel\textsuperscript{1}, B. Lippe\textsuperscript{1}, A. Shenoy\textsuperscript{3}, T. Gurley\textsuperscript{1}, V. Ngo\textsuperscript{1}, M. Olumesi\textsuperscript{1}, R. Trudeau\textsuperscript{1}, A. Noriega Ramirez\textsuperscript{1}, A. Mufti\textsuperscript{1}, L. VanWagner\textsuperscript{1}, A. Singal\textsuperscript{1}, S. R. Lieber\textsuperscript{1}, \textsuperscript{1}University of Texas Southwestern Medical Center, Dallas, TX, \textsuperscript{2}Duke University, Durham, NC, \textsuperscript{3}Columbia University Medical Center, New York, NY

4:40 PM - 4:50 PM
Behind the Scenes of Pre-Transplant Vaccine Requirements: Experiences, Challenges, and Lessons

O. S. Kates\textsuperscript{1}, H. C. Sung\textsuperscript{1}, C. M. Durandi\textsuperscript{1}, D. L. Segev\textsuperscript{1}, J. Sugarman\textsuperscript{1}, \textsuperscript{1}Johns Hopkins University, Baltimore, MD, \textsuperscript{2}Surgery, NYU Langone Health, New York, NY

4:50 PM - 5:00 PM
Underserved Communities Receiving Kidney Transplant Have Optimal Graft and Patient Survival and is Cost Effective

J. Almaro Alvarez\textsuperscript{1}, E. Petrochenkov\textsuperscript{1}, G. Bencini\textsuperscript{1}, K. S. Gutowski\textsuperscript{2}, B. E. Guillin\textsuperscript{2}, A. Martinino\textsuperscript{1}, P. Di coco\textsuperscript{1}, M. Spaggiari\textsuperscript{1}, I. Tzvetanov\textsuperscript{1}, E. Benedetti\textsuperscript{1}, \textsuperscript{1}Surgery, University of Illinois at Chicago, Chicago, IL, \textsuperscript{2}University of Illinois at Chicago College of Medicine, Chicago, IL, \textsuperscript{3}Surgery, University of Illinois at Chicago, Chicago, IL

Program Topic: Pancreas

Pancreas and Islet: All Topics

3:30 PM - 5:00 PM
Moderators:
Rachel Forbes, MD, MBA, Vanderbilt University Medical Center, Nashville, TN, USA
Sandesh Parajuli, MD, University of Wisconsin, Madison, WI, USA

3:30 PM - 3:40 PM
Changes to Kidney-Pancreas Waiting Time Criteria Improved Equity without Adverse Impact on Post-Transplant Outcomes

S. E. Booker\textsuperscript{1}, J. White\textsuperscript{1}, D. K. Klassen\textsuperscript{1}, R. Trudeau\textsuperscript{1}, \textsuperscript{1}UNOS, Richmond, VA, \textsuperscript{2}Rush University Medical Center, Chicago, IL, \textsuperscript{3}Vanderbilt University Medical Center, Nashville, TN
3:50 PM - 4:00 PM
The Pancreas Graft Response to Oral Glucose Challenge in Type 1 vs. Type 2 Diabetes
Y. Ye, A. R. Sadhu, E. A. Graviss, D. T. Nguyen, S. G. Yi, A. Gaber, R. J. Knight, Houston Methodist Hospital, Houston, TX

4:00 PM - 4:10 PM
Understanding Barriers and Potential Strategies to Increase Pancreas Transplantation in the United States: A Delphi Survey of U.S. Transplant Professionals
K. Lentine, MD, PhD1, K. Maher2, K. J. Woodside3, M. Jesse4, R. Parsons5, M. Cooper6, D. Dadhania7, M. Doshi8, T. B. Dunn9, R. Forbes10, J. Fridell11, M. Pavlakis12, N. Singh13, D. Sawinski7, D. Axelrod14, 1Saint Louis University Transplant Center, St. Louis, MO, MO, 2Saint Louis University, Saint Louis, MO, 3Ann Arbor Academy, Ann Arbor, MI, 4Henry Ford, Detroit, MI, 5Emory Univ, Atlanta, GA, 6Medical College W, Milwaukuee, WI, 7Well Cornell, New York, NY, 8Univ Michigan, Ann Arbor, MI, 9Univ Pennsylvania, Philadelphia, PA, 10Vanderbilt, Nashville, TN, 11Indiana Univ, Indianapolis, IN, 12Beth Israel, Boston, MA, 13Willis-Knighton, Shreveport, LA, 14Univ Iowa, Iowa City, IA

4:10 PM - 4:20 PM
Covid-19 Caused Higher Mortality in Simultaneous Pancreas/Kidney Transplants in Patients with Dm Type 2
A. C. Gruessner, A. C. Gruessner, SUNY Downstate Medical Center, Brooklyn, NY

4:20 PM - 4:30 PM
Expansion and Differentiation of Adult Human Islet Cell Precursors for Islet Cell Transplantation
C. M. Darden1, J. Kuncha2, J. Mattke3, Y. Li4, B. Naziruddin5, M. Lawrence6, 1Baylor Simmons Transplant Institute, Dallas, TX, 2Baylor Scott and White Research Institute, Dallas, TX, 3Baylor University, Waco, TX, 4Case Western Reserve University, Cleaveland, OH, 5Baylor University Medical Center, Dallas, TX

4:30 PM - 4:40 PM
Pancreas After Kidney Transplantation Outcomes Over the Past 20 Years in the USA
M. Moein, S. Ishkagi, R. Shahbazov, M. Hanlon, A. Bahraini, R. Saidi, Surgery/Transplant, SUNY Upstate Medical University, Syracuse, NY

4:40 PM - 5:00 PM
The Utility of Robotic Assisted Pancreas Transplants - A Single Center Retrospective Study
A. Martinino1, G. Bencini2, E. Petrochenkov1, J. Zhang2, S. Akshelyan1, P. Di Cocco1, J. Almario Alvarez1, I. Tzvetanov1, E. Benedetti1, M. Spaggiari1, 1Surgery, University of Illinois at Chicago, Chicago, IL, 2University of Illinois at Chicago College of Medicine, Chicago, IL

4:50 PM - 5:00 PM
Utilization of Non-Insulin Antidiabetic Agents Following Pancreas Transplantation
E. Rubido1, A. Rogers1, A. Hutchins2, E. Rizk2, A. R. Sadhu1, R. J. Knight2, 1Houston Methodist Hospital, Houston, TX, 2Pharmacy, Houston Methodist Hospital, Houston, TX, 3Surgery, Houston Methodist Hospital, Houston, TX

Program Topic: VCA
VCA

3:30 PM - 5:00 PM
Moderators:
Vijay Gorantla, MD, PhD, FRCS, Wake Forest Institute for Regenerative Medicine, Winston-Salem, NC, USA
Leonardo Riella, MD, PhD, Harvard Medical School, Boston, MA, USA

3:30 PM - 3:40 PM
Immunoregulatory Pathways Are Upregulated in T Cell Mediated Rejection of Human Face Transplants
W. J. Crisler, T. S. Win, R. A. Clark, Department of Dermatology, Harvard Medical School, Brigham & Women's Hospital, Boston, MA

3:40 PM - 3:50 PM
Prolonged Subzero Preservation of Vascularized Composite Allografts with Nature-Inspired Cryoprotectants
Y. Zhang1, A. Bodine1, S. Baicu2, M. Taylor2, B. Weegman2, B. Oh1, G. Brandacher1, 1Plastic and Reconstructive Surgery, Johns Hopkins School of Medicine, Baltimore, MD, 2Sylvatica Biotech, Inc., North Charleston, SC

3:50 PM - 4:00 PM
VCA Graft Outcomes Have Improved Over Time
S. E. Booker, K. Laurie, K. Poff, W. S. Cherikh, D. K. Klassen, J. L. Wainright, UNOS, Richmond, VA

4:10 PM - 4:20 PM
Insights from Immunoproteomic Profiling of a Rejected Full-Face Allograft
C. A. Lee1, D. Wang1, M. Kauke-Navarro2, E. Russell-Goldman1, S. Xu1, K. N. Mucciarone1, S. Sohrabi1, C. G.
3:30 PM - 3:40 PM
Combining Peripheral Blood Gene Expression Profiling and Donor-Derived Cell-Free DNA to Identify the Absence of Subclinical Rejection in Pediatric Kidney Transplantation
M. E. Seifert1, T. Blydt-Hansen2, J. Holman3, M. First4, J. Fleming5, J. Weems5, R. Etteneger6, 1UBA Heersink School of Medicine, Birmingham, AL, 2University of British Columbia, Vancouver, BC, Canada, 3Transplant Genomics, Inc., East Providence, RI, 4UCLA Center for Health Science, Los Angeles, CA

3:40 PM - 3:50 PM
Belatacept Outcomes in Pediatric Kidney Transplantation: An International Multicenter Study
C. Duneton1, R. George2, R. Liverman2, A. Sellier-Leclerc3, O. Dunand4, V. Baudouin5, E. Cheyssac1, L. Greenbaum2, J. Hogan1, R. Garro2, 1Robert Debré Hospital, Paris, France, 2CHOA, Atlanta, GA, 3Mother-Child Hospital, Lyon, France, 4Félix Guyon Hospital, La Reunion, France

3:50 PM - 4:00 PM
Validation of a Dynamic Prediction Model of Kidney Allograft Survival in Pediatric Kidney Transplant Recipients
G. M. Karakhele1, F. Manca Barayre1, R. Kabore2, R. Patzer1, C. Larsen1, J. Harambat3, K. Leffondre4, J. Hogan5, 1Emory University, Atlanta, GA, 2University of Bordeaux, Bordeaux, France, 3Pellegrin Children Hospital, Bordeaux University Hospital, Bordeaux, France, 4INSERM, Bordeaux Population Health Research Center, University of Bordeaux, Bordeaux, France, 5Transplant Research Center, Department of Surgery, Emory University, Atlanta, GA

4:00 PM - 4:10 PM
Utility of a Blood Gene Expression Profiling Score (AlloMap) to Predict Rejection Events in Pediatric Kidney Transplant Recipients
R. Dandamudi1, J. Lujain1, L. Walther1, N. Sulejmani2, H. xu3, S. Dholakia3, V. Dharnidharka1, 1Pediatrics, Washington University School of Medicine, St. Louis, MO, 2CareDx, Sterling Heights, MI, 3CareDx, Brisbane, CA

4:10 PM - 4:20 PM
Donor-Derived Cell-Free Dna Testing in Children: Indications and Utility
J. Chanda1, M. Defreitas1, R. Ponsirenas2, G. Burke III1, 1University of Miami and Miami Transplant Institute, Miami, FL, 2CareDx, Miami, FL
Program Topic: Basic Science

Xenotransplantation

3:30 PM - 5:00 PM
Moderators:
Paige Porrett, MD PhD, University of Alabama at Birmingham, Birmingham, AL, USA
Joseph Leventhal, MD, PhD, FACS, Northwestern Medicine, Chicago, IL, USA

3:30 PM - 3:40 PM
Anti-SLA IgG Xenoantibodies Contribute to Graft Rejection in Highly Sensitized Non-Human Primate Xenotransplantation
J. Ladowski1, I. DeLauro1, I. Anwar1, A. Jackson1, S. Knecht1, J. Kwon2, Duke University, Durham, NC, 2Duke Transplant Center, Durham, NC

3:40 PM - 3:50 PM
Contribution of Anti-SLA Antibodies to Rejection in Nonhuman Primate Model of Kidney Xenotransplantation

3:50 PM - 4:00 PM
Pre- and Post-Transplant Donor Specific Anti-Porcine Antibodies in Transplantation of Kidney Xenografts with Triple Knock-Out with or without Multiple Human Transgenes in Nonhuman Primates
A. Karadagi1, T. Hirose1, G. Lassiter1, T. Tomosugi1, R. Otsuka1, D. J. Firl1, R. Anand2, D. Heja2, J. Layer2, I. Rosales1, S. Low2, E. Katz2, M. Curtis2, W. Qin2, M. Youd2, T. Kawai1, Massachusetts General Hospital and Harvard Medical School, Boston, MA, eGenesis, Inc, Cambridge, MA

4:00 PM - 4:10 PM
Human Immunoglobulin Preparations Contain Significant Anti-Pig Antibodies
M. Mangiola1, J. Stern2, J. Kim2, A. Dandro2, K. Khalili2, S. Mehta2, T. Lewis2, D. Ayares3, A. Griesemer2, R. A. Montgomery2, 1NYU Langone Health, New York, NY, 2NYU, New York, NY, 3Revivicor, Blacksburg, VA

4:10 PM - 4:20 PM
Genetically Modified Porcine Kidneys Expressing Human Transgenes Support >2-Year Survival in Pig to
4:20 PM - 4:30 PM
Xenorecognition and costimulation of porcine endothelium-derived extracellular vesicles in initiating human porcine-specific T-cell immune responses
S. Li, I. J. Anwar, H. Xu, A. D. Kirk, Surgery, Duke University, Durham, NC

4:30 PM - 4:40 PM
Routine cold storage (5 hours) leads to hyperacute graft loss in pig-to-primate kidney xenotransplantation: Static cold storage versus hypothermic machine perfusion
Y. Hisadome1, D. Eisenson1, H. Iwase1, M. Santillan1, M. Adams1, M. Sykes2, D. Sachs2, H. Sahara1, A. Cameron1, K. Yamada1, 1Johns Hopkins University, Baltimore, MD, 2Columbia University, New York, NY

4:40 PM - 4:50 PM
Multimodality deep phenotyping of genetically modified pig kidney xenografts transplanted to human recipients reveals antibody-mediated rejection
V. Goutaudier1, A. Giarraputo1, B. Robin1, F. Mezine1, B. Parent2, A. Griesemer2, A. Certain1, K. Khalil2, M. Rabant1, S. Mehta2, N. Navneet2, H. Pass2, A. Sannier1, D. Ayares3, M. Wu2, V. Tatapudi2, J. Stern2, P. Bruneval1, M. Mangiola2, R. Montgomery2, A. Loupy1, 1Paris Transplant Group, Paris, France, 2New York University Langone Transplant Institute, New York, NY, 3Revvicor, Blacksburg, VA

4:50 PM - 5:00 PM
Spatiotemporal immune atlas of the first clinical-grade, gene-edited pig-to-human kidney xenotransplant
M. Cheung, R. Asilmwe, J. George, J. Locke, P. Porrett, University of Alabama at Birmingham, Birmingham, AL

5:00 PM - 5:10 PM
A nomogram for predicting major adverse cardiovascular events after kidney transplantation
G. Wu, C. Wang, Q. Li, S. Yu, L. Peng, J. Min, W. Lai, J. Qiu, G. Chen, The First Affiliated Hospital of Sun Yat-sen University, Guangzhou, China

3:30 PM - 4:50 PM
Kidney: Cardiovascular and Metabolic Complications
Moderators:
Kenneth Brayman, MD, PhD, University of Virginia Health System, Charlottesville, VA, USA

3:30 PM - 4:30 PM
Clinical impact of early blood transfusion after kidney transplantation
M. Kang, H. Koh, E. Min, S. Yim, M. Choi, S. Shin, S. Shin, H. Kim, K. Huh, M. Kim, J. Lee, Surgery, Yonsei University College of Medicine, Seoul, Korea, Republic of

3:40 PM - 4:00 PM
Impact of arterial calcification and vascular stiffness on cardiovascular outcomes in kidney transplant recipients: Results from the know-KT study
H. Jung, J. Ha, J. Yang, Nephrology, Severance Hospital, Seoul, Korea, Republic of

3:50 PM - 4:10 PM
The association between the uremic solute asymmetric dimethylarginine and regression of myocardial fibrosis post kidney transplantation
L. Fane1, S. Ahlawat2, S. Al-kindii2, H. Sapa1, A. Padiyar2, A. Humi1, M. Dobre1, 1Case Western Reserve University, Cleveland, OH, 2University Hospitals Cleveland Medical Center, Cleveland, OH, 3Cleveland Clinic, Cleveland, OH

4:10 PM - 4:20 PM
Utility of pre-transplant cardiac catheterization in high cardiovascular risk kidney transplant candidates
L. Morena1, A. Al Jurdi1, E. Leal Adam2, R. Verhoeff1, F. E. Hullekes1, A. Cohen Bucay1, N. Elias1, R. Palsson1, L. Rielia1, 1Massachusetts General Hospital- Harvard Medical School, Boston, MA, 2Universidade Federal do Parana, Curitiba, Brazil

4:20 PM - 4:30 PM
A nomogram for predicting major adverse cardiovascular events after kidney transplantation
G. Wu, C. Wang, Q. Li, S. Yu, L. Peng, J. Min, W. Lai, J. Qiu, G. Chen, The First Affiliated Hospital of Sun Yat-sen University, Guangzhou, China

Program Topic: Kidney

Kidney: Cardiovascular and Metabolic Complications - 1
Program Topic: Kidney

Kidney Deceased Donor Allocation

4:30 PM - 4:40 PM
Multimodal Late Fusion Model for Predicting Risk of Post Kidney Transplant Major Adverse Cardiac Events

4:40 PM - 4:50 PM
Kidney Transplantation Improves Survival in Patients with Treated Severe Pulmonary Hypertension Compared to Dialysis: A Single Center Approach
D. Kumar¹, I. Moinuddin¹, N. Raju¹, D. Thomas¹, S. Tripathi², G. Gupta¹, ¹*VCUHealth, Richmond, VA*, ²*RNA, Richmond, VA*

4:50 PM - 5:00 PM
Effectiveness of Metformin in Kidney Transplant Recipients with Post-Transplantation Diabetes Mellitus
J. Y. Lee¹, J. Y. Jung², D. Y. Lee¹, S. C. Kim¹, J. W. Lee², C. H. Baek¹, H. W. Kwon¹, S. Shin¹, Y. H. Kim¹, S. J. Shin³, S. K. Park¹, J. Y. Park³, H. S. Kim¹, ¹*Asan Medical Center, Seoul, Korea, Republic of*, ²*Dongguk University Ilsan Hospital, Goyang, Korea, Republic of*, ³*Dongguk University College of Medicine, Gyeongju, Korea, Republic of*

3:30 PM - 5:00 PM
Moderators:
Richard Formica, MD, Yale University School of Medicine, New Haven, CT, USA
Jim Kim, MD, FACS, Keck Medicine of USC, Los Angeles, CA, USA

3:30 PM - 3:40 PM
Unintended Consequences of a Change in Deceased-Donor Kidney Allocation
D. C. Cron¹, S. A. Husain², K. L. King³, S. Mohan³, J. T. Adler⁴, ¹*Surgery, Massachusetts General Hospital, Boston, MA*, ²*Division of Nephrology, Department of Medicine, Columbia University Medical Center, New York, NY*, ³*Medicine - Nephrology, Columbia University Medical Center, New York, NY*, ⁴*Surgery and Perioperative Care, University of Texas at Austin Dell Medical School, Austin, TX*

3:40 PM - 3:50 PM
Time to Next Transplantable Deceased Donor Kidney Offer
M. Stuart¹, C. McCharen¹, C. Martinez¹, R. Shean¹, D. Klassen¹, K. Andreoni², ¹*United Network for Organ Sharing, Richmond, VA*, ²*Surgery, University Hospitals Cleveland, Cleveland, OH*

3:50 PM - 4:00 PM
Patient Level Social Determinants of Health Are Associated with Kidney Waitlist Outcomes in the United States
T. G. Mupfudze, R. Shean, T. Wilson, A. M. Zehner, L. Cartwright, *United Network for Organ Sharing, Richmond, VA*

4:00 PM - 4:10 PM
Association of Race and Ethnicity with Priority for Transplantation with High-Quality Deceased Donor Kidneys in the US
N. W. Asfour¹, K. Zhang², J. Lu¹, M. Saunders², P. Reese³, W. F. Parker², ¹*Pritzker School of Medicine, University of Chicago, Chicago, IL*, ²*University of Chicago, Chicago, IL*, ³*University of Pennsylvania, Philadelphia, PA*

4:10 PM - 4:20 PM
Should HLA DR Mismatch Scoring Continue to Be Used in the Kidney Allocation System, an Analysis of SRTR Database
D. Keith, E. Lessmann, *Ascension Sacred Heart Kidney Transplant Program, Pensacola, FL*

4:20 PM - 4:30 PM
Racial/Ethnic Fairness in Eplet-Based Kidney Allocation
M. Mankowski¹, D. Segev², S. Gentry², M. Mangiola³, ¹*Erasmus University Rotterdam, Rotterdam, Netherlands*, ²*NYU, New York, NY*

4:30 PM - 4:40 PM
"List Diving" to Allocate Kidneys to Lower Waitlist Priority Candidates
K. L. King¹, S. Husain², M. Yu³, J. Adler³, J. Schold⁴, S. Mohan³, ¹*Medicine - Nephrology, Columbia University Medical Center, New York, NY*, ²*Columbia University Medical Center, New York, NY*, ³*University of Texas at Austin Dell Medical School, Austin, TX*, ⁴*University of Colorado Anschutz Medical Campus, Aurora, CO*

4:40 PM - 4:50 PM
Resolving the Use of Race in Kidney Donor Profile Index (KDPI)
J. Lu, W. F. Parker, *University of Chicago Pritzker School of Medicine, Chicago, IL*

4:50 PM - 5:00 PM
Increasing Use of Kidneys in Multi-Organ Transplants

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Organ Inclusive

Non-Organ Specific: Disparities to Outcome and Access to Healthcare

3:30 PM - 5:00 PM
Moderators:
James Rodrigue, PhD, Beth Israel Deaconess Medical Center / Harvard Medical School, Boston, MA, USA
Elisa Gordon, PhD, MPH, Vanderbilt University Medical Center, OAK PARK, IL, USA

3:30 PM - 3:40 PM
Financial Burden after Liver Transplantation in a Large U.S. National Patient Cohort
S. R. Lieber1, A. R. Jones2, Y. Jiang3, N. Ufere4, T. Gurley5, M. Patel6, V. Ngo7, M. Olumes8, R. Trudeau9, A. Mufti10, A. G. Singal11, L. B. VanWagner3, 1Internal Medicine / Division of Digestive and Liver Diseases, University of Texas at Southwestern Medical Center, Dallas, TX, 2Internal Medicine, University of Texas Southwestern, Dallas, TX, 3Statistical Science, Duke University, Durham, NC, 4Massachusetts General Hospital and Harvard Medical School, Boston, MA, 5University of Texas Southwestern, Dallas, TX, 6University of Texas Southwestern Medical Center, Dallas, TX, 7University of Texas Southwestern, Dallas, TX

3:40 PM - 3:50 PM
Acuity Circle Policy Associated with Persistent Racial and Ethnic Disparities in Waitlist Outcomes and Access to Liver Transplant
P. Lymeropoulos1, V. Narayana1, T. Lee1, A. Fuller1, T. N. Galvan1, S. K. Satapathy2, J. Goss3, F. Kanwal1, A. Rana1, G. Cholankeri3, 1Bayler College of Medicine, Houston, TX, 2Northwell, New Hyde Park, NY

3:50 PM - 4:00 PM
Racial and Socioeconomic Disparities in Patients Receiving Heart or Lung Transplantation
A. B. Karanam1, R. Munshi2, R. N. Criner1, R. Gupta1, K. V. Shenoy1, A. J. Mamary1, F. Cordova1, N. Marchetti1, G. J. Criner1, F. Anjum1, 1Thoracic Medicine and Surgery, Temple University, Philadelphia, PA, 2Cardiovascular Diseases, MercyOne Medical Center, Mason City, IA

4:00 PM - 4:10 PM
How Big is Our Blind Spot? Estimating the Burden of Organ Failure Unmet by Transplantation - An Analysis by the AST Setting the Tent Work Group
L. McMichael1, V. Sridhar2, R. Lopez1, D. Levine4, J. Teuteberg1, E. Verna3, J. Schold2, J. Gill1, 1University of British Columbia, Vancouver, BC, Canada, 2University of Toronto, Toronto, ON, Canada, 3University of Colorado, Aurora, CO, 4Stanford University, San Antonio, TX, 5Stanford University, Stanford, CA, 6Columbia University, New York, NY

4:10 PM - 4:20 PM
Identifying and Understanding Variation in Population-Based Access to Liver Transplantation in the United States
K. Ross-Driscoll1, J. Gunasti1, A. Ayuk-Arrey1, J. Adler2, D. Axelrod3, L. McElroy4, R. Lynch1, 1Emory University, Atlanta, GA, 2University of Texas at Austin Dell Medical School, Austin, TX, 3University of Iowa, Iowa City, IA, 4Duke University, Durham, NC

4:20 PM - 4:30 PM
Racial Disparities in Access to Liver Transplantation in the United States
A. Kwong1, M. Yilma2, J. Lake3, W. Kim1, J. Snyder4, A. Israni3, R. Hirose2, 1Stanford University, Stanford, CA, 2University of California, San Francisco, San Francisco, CA, 3University of Minnesota, Minneapolis, MN, 4SRTR, Hennepin Healthcare Research Institute, Minneapolis, MN

4:30 PM - 4:40 PM
Patient Disparities in Consent for HCV NAT+ Solid Organ Transplant
S. M. Oshima1, K. Wegermann2, J. Henson2, A. Parish3, M. Samoylova4, D. Niedzwiecki5, L. McElroy4, L. King5, J. M. Wilder2, 1Department of Medicine, Duke University School of Medicine, Durham, NC, 2Division of Gastroenterology, Department of Medicine, Duke University School of Medicine, Durham, NC, 3Division of Biostatistics and Bioinformatics, Duke University School of Medicine, Durham, NC, 4Department of Surgery, Duke University School of Medicine, Durham, NC

4:40 PM - 4:50 PM
Hidden HLA Antibodies in Non-European Transplant Candidates
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
4:50 PM - 5:00 PM
Neighborhood Diversity, Segregation, and Access to Kidney Transplantation
Y. Li¹, G. Menon¹, E. Quint², D. Segev¹, M. McAdams-DeMarco¹, ¹NYU Langone Health, New York, NY, ²University Medical Center Groningen, Groningen, Netherlands

Program Topic: Basic Science
Acute Rejection

3:30 PM - 5:00 PM
Moderators:
James Gardner, MD, PhD, University of California, San Francisco, San Francisco, CA, USA
Varvara Kirchner, MD, Stanford University, Palo Alto, CA, USA

3:30 PM - 3:40 PM
Impact of the Microbiota on the Risk of Acute Cellular Rejection in Belatacept-Treated Kidney Transplant Recipients
F. Herr¹, K. Bargiel¹, J. Taupin², A. Vernochet³, D. Ciocan³, M. Dekeyser¹, A. Durrbach⁴, ¹UMR1186, Villejuif, France, ²Laboratory of Immunology and Histocompatibility, Saint-Louis Hospital, Paris, France, ³UMR996, Orsay, France, ⁴UMR1186/ université Paris Saclay, Villejuif, France

3:40 PM - 3:50 PM
Immune Regulation of the Liver via the PCSK9-CD36 Pathway During Heart Transplant Rejection
X. Zhang, J. Wu, Department of Cardiovascular Surgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China

3:50 PM - 4:00 PM
Graft-Specific CD8⁺ T Cells Weakly Proliferate and Differentiate into Potent CD43⁺ Effector Populations During Acute Rejection
G. Cohen¹, M. Kallarakal¹, S. M. Krummey², ¹Johns Hopkins University, Baltimore, MD, ²Pathology, Johns Hopkins University, Baltimore, MD

4:00 PM - 4:10 PM
Hypoxia-Driven Proinflammatory Responses in Pretransplant Peripheral Blood Leads to a High Risk of Early Acute Rejection in Kidney Transplant
C. Wei, M. Chen, Z. Sun, Z. Yi, J. Fu, W. Wang, S. Bin, S. Farouk, C. He, P. Cravedi, W. Zhang, Icahn School of Medicine at Mount Sinai, New York, NY

4:10 PM - 4:20 PM
Donor-Specific Antibody Promotes NK Cell Activation Through Induction of Allograft Expression of Rae-1 to Mediate Acute Antibody-Mediated Kidney Allograft Rejection
D. Okada¹, R. Fairchild², ¹Cleveland Clinic, Cleveland, OH, ²Cleveland Clinic Foundation, Cleveland, OH

4:20 PM - 4:30 PM
Gene Expression Profile of Bronchoalveolar Lavage Cd4⁺Cd57⁺Pdl1⁺ T Cells Suggests a Functional Role in the Pathogenesis of Lung Allograft Dysfunction
S. Moshkelgosha, S. Juvet, UHN, Toronto, ON, Canada

4:30 PM - 4:40 PM
Single-Nucleus RNA-sequencing of Human Kidney Transplant Biopsies Identifies a Novel Role of Pericytes and Endothelium in Cellular Rejection
A. Halawi¹, A. ElKurdi², K. A. Vernon³, Z. Solhjou¹, A. Saad¹, N. Younis¹, C. Deban¹, J. Y. Choi¹, R. El Fekih⁴, T. Merhej¹, C. O'Brien¹, P. Khoueiry⁵, A. Greka⁶, J. Azzi⁶, ¹Brigham and Women’s Hospital, Boston, MA, ²American University of Beirut, Beirut, Lebanon, ³Q32 BIO, Cambridge, MA, ⁴Brigham and Women Hospital, Boston, MA, ⁵American University of Beirut, Beirut, Lebanon, ⁶Harvard Medical School, Boston, MA

4:40 PM - 4:50 PM
CD56dim Natural Killer Cells Are Associated with Belatacept-Resistant Rejection
A. C. Johnson, A. B. Farris, C. P. Larsen, J. Hogan, Emory University, Atlanta, GA

4:50 PM - 5:00 PM
Graft Dendritic Cells Respond to P40 Homodimers and Produce Il-15 Driving Endogenous Donor-Reactive Memory Cd8 T Cell Activation within High-Risk Cardiac Allografts
H. Tsuda, A. Valujskikh, R. Fairchild, Inflammation and Immunity, Cleveland Clinic, Cleveland, OH

Year in 2023 Review
3:30 PM - 5:00 PM

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Infectious Disease

Top Papers in Transplant ID

3:30 PM - 5:00 PM
Moderators:
Ricardo La Hoz, MD, University of Texas Southwestern Medical Center, Dallas, TX, USA
Camille Kotton, MD, Massachusetts General Hospital, Newton, MA, USA

3:30 PM - 3:50 PM
Top Bacterial Papers in Transplant ID
Judith Anesi, MD, MSCE, University of Pennsylvania, Philadelphia, PA, USA

3:50 PM - 4:10 PM
Top Fungal Papers in Transplant ID
John Baddley, MD, MSPH, University of Maryland School of Medicine, Baltimore, MD, USA

4:10 PM - 4:30 PM
Top Viral Papers in Transplant ID
Dora Ho, MD, PhD, Stanford University Medical Center, Stanford, CA, USA

Break
5:00 PM - 5:10 PM

Rapid Fire Oral Abstract Sessions
5:10 PM - 6:40 PM

Program Topic: Basic Science

Ischemia Reperfusion

5:10 PM - 6:40 PM
Moderators:
Yuan Zhai, MD, PhD, Medical University of South Carolina, Charleston, SC, USA
Jerzy Kupiec-Weglinski, MD, PhD, UCLA Medical Center, Los Angeles, CA, USA

5:10 PM - 5:20 PM
Disulfide HMGB1 Increases Graft Injury and Pro-Inflammatory Macrophage Activation via Tlr4 and Tlr9 Following Liver Transplantation
A. Q. Terry1, H. Kojima2, F. M. Kaldas2, Y. Zheng1, R. A. Sosa1, B. V. Naini1, Y. Jin1, J. Chin1, T. Itoi, J. Nevarez-Meija1, R. W. Busuttilii, A. S. Meyer2, D. W. Gjertson1, J. Kupiec - Weglinski2, E. F. Reed1, 1Pathology, UCLA, Los Angeles, CA, 2Surgery, UCLA, Los Angeles, CA, 3Bioengineering, UCLA, Los Angeles, CA

5:20 PM - 5:30 PM
Circulating CD4+ Tfh and B Cells with Antibody-Secreting Phenotypes Are Detectable in Adult Liver Transplant Recipients with Ischemia-Reperfusion Injury
A. R. Bhat1, S. Sen2, A. Terry3, R. A. Sosa1, D. Gjertson2, F. Kaldas2, E. Reed4, 1Pathology and Lab Medicine, University of California, Los Angeles, CA, 2University of California, Los Angeles, CA, 3Pathology and Laboratory Medicine, University of California, Los Angeles, CA, 4University of California LA, Los Angeles, CA

5:30 PM - 5:40 PM
Preservation of Human Kidneys with Oxygenated Perfusion at Room Temperature
P. Luke1, J. Mello Offerni2, M. Richard-Mohamed1, L. Jiang3, A. Sener4, R. N. Bhattacharjee5, 1London Health Sciences Centre, London, ON, Canada, 2Urology, Western University, London, ON, Canada, 3Western University, London, ON, Canada, 4University of Western Ontario, London, ON, Canada

5:40 PM - 5:50 PM
Visualization of Ischemia Reperfusion Injury of Kidney and Prediction of Early Allograft Dysfunction After Kidney Transplantation Using Cysteine Probe
H. Woo, E. Jo, A. Cho, M. Ko, A. Han, S. Min, J. Ha, J. Shin, Seoul National University Hospital, Seoul, Korea, Republic of

5:50 PM - 6:00 PM
Hypoxia-Inducible Factor-1α Controls the Alternative Splicing of CEACAM1 and Enhances Hepatic Ischemia Tolerance in Mice and Humans
K. Dery1, H. Kojima2, K. Kadono3, H. Hirao4, S. Kageyama5, B. Cheng2, D. Farmer1, F. Kaldas2, Y. Zhai8, X. Yuan9, 1Surgery, UCLA, Los Angeles, CA, 2UCLA, LA, CA, 3Liver Transplant Surgery, UCLA, Los Angeles, CA, 4UCLA, Los Angeles, CA, 5Surgery, Dumont-UCLA Transplant Center, Los Angeles, CA, 6David Geffen School of Medicine at UCLA, Los Angeles, CA, 7University of California Los Angeles (Multi-Organ), Los Angeles, CA, 8Medical University of South Carolina, Los Angeles, CA, 9McGovern Medical School at UTHealth, Houston, TX

6:00 PM - 6:10 PM
Hepatocyte Notch1 Switches Pyroptosis to Apoptosis via

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
CHOP Dependent-Mechanism Against Oxidative Stress in Liver Transplantation
H. Hirao, H. Kojima, K. J. Dery, B. Ke, S. Yao, D. G. Farmer, F. M. Kaldas, J. Kupiec-Weglinski, UCLA, Los Angeles, CA

6:10 PM - 6:20 PM
Protective Effect of Extracellular Vesicles Derived from Mesenchymal Stromal Cells on Kidney Ischemia-Reperfusion Injury by Complement Inhibition and Induction of a T-Regulatory Phenotype
V. Cantaluppi, D. Medica, S. Bruno, G. Camussi, University of Piemonte Orientale (UPO), Novara, Italy

6:20 PM - 6:30 PM
Beneficial Effects of C1q in Resolving Ischemia Reperfusion in Kidney Transplants
H. Noguchi, R. Khedraki, R. Fan, K. S. Keslar, N. Dvorina, W. M. Baldwin, Cleveland Clinic Lerner Research Institute, Cleveland, OH

6:30 PM - 6:40 PM
Role of Reperfusion After Cold Preservation for Liver Transplant at Single Cell Resolution
S. Naik, M. Dogan, C. Watkins, A. Bajwa, C. Eymard, J. Eason, C. Kuscu, C. Kuscu, The University of Tennessee Health Science Center, Memphis, TN, James D. Eason Transplant Institute, Memphis, TN

Program Topic: Pharmacy
Clinical Pharmacy/Transplant Pharmacotherapy

5:10 PM - 6:40 PM
Moderators:
Matt Harris, PharmD, Duke, Durham, NC, USA
Jennifer Melaragno, PharmD, University of Rochester, Rochester, NY, USA

5:10 PM - 5:20 PM
Neutropenia/Leukopenia and Viral Resistance with Letermovir (LET) vs Valganciclovir (VGCV) as Cytomegalovirus (CMV) Prophylaxis in Adult Kidney Transplant Recipients (KTRs): Results of a Pivotal Randomized Phase 3 Trial
F. Vincenti, A. P. Limaye, K. Budde, A. Humar, J. Garcia-Diaz, R. P. Carroll, D. F. Florescu, Y. Murata, J. Strizki, V. L. Teal, C. L. Gilbert, B. Haber, Department of Medicine, University of California San Francisco, San Francisco, CA, University of Washington, Seattle, WA, Charité-Universitätsmedizin Berlin, Berlin, Germany, University of Toronto, Toronto, ON, Canada, Ochsner Medical Center, New Orleans, LA, Central Northern Adelaide Renal and Transplantation Service, Adelaide, Australia, Division of Infectious Diseases, University of Nebraska Medical Center, Omaha, NE, Merck & Co., Inc., Rahway, NJ

5:20 PM - 5:30 PM
Efficacy of CD154 Blockade with TNX-1500 to Prevent Heart Allograft Immune Injury

5:30 PM - 5:40 PM
Implementation of a Multi-Disciplinary Post-Transplant Diabetes Clinic Leads to More Frequent Prescribing of Antihyperglycemic Agents with Cardiovascular and Renal Benefit
J. Kerr, A. Lichvar, N. Mooney, K. Kulasa, University of California San Diego Health, San Diego, CA

5:40 PM - 5:50 PM
Renal Transplantation Can Be Performed Safely without Pre-Operative Apixaban Reversal
J. B. Littlejohn, K. L. Curtis, M. E. Kutcher, M. E. Jones-Carr, F. L. Koller, P. Matemavi, T. M. Earl, C. D. Anderson, J. J. Wynn, Surgery, University of Mississippi Medical Center, Jackson, MS, Trauma and Acute Care Surgery, University of Mississippi Medical Center, Jackson, MS, Transplant Surgery, University of Mississippi Medical Center, Jackson, MS

5:50 PM - 6:00 PM
Impaired Seroconversion Rates After Adjuvanted Hepatitis B Vaccination in Organ Transplant Candidates and Recipients
Y. Mawari, A. Reticker, A. Loethen, L. Potter, Chicago State University, Chicago, IL, University of Chicago Medicine, Chicago, IL, Pharmacy, University of Chicago Medicine, Chicago, IL, Pharmacy and Transplant Institute, University of Chicago Medicine, Chicago, IL

6:00 PM - 6:10 PM
Pharmacist Driven Cytomegalovirus Viremia Treatment in Liver Transplant Recipients
T. Gennaro, H. Snyder, S. Todd, K. McCrory, S. Golpayegany, D. Lo, Emory University Hospital, Atlanta, GA, UNC Medical Center, Chapel Hill, NC, Emory University School of Medicine, Atlanta, GA
6:10 PM - 6:20 PM
Evaluating the Use of Sodium-Glucose Cotransporter-2 Inhibitors (SGLT2i) in a Matched Cohort of Kidney and Liver Transplant Recipients
I. Baik1, H. Gonzalez2, A. Jantz1, A. Poparad-Stezar1, B. Summers1, D. Venkat2, M. Samaniego-Picota3, M. Fitzmaurice1, 1Transplant Institute, Henry Ford Health, Detroit, MI, 2Hepatology, Henry Ford Health, Detroit, MI, 3Nephrology, Henry Ford Health, Detroit, MI

6:20 PM - 6:30 PM
Impact of Glucagon-Like Peptide-1 Receptor Agonists on Tacrolimus Dose-to-Concentration Ratios in Solid Organ Transplant Recipients
H. Sweisse1, R. Hall1, S. Bhayana2, R. Patel2, A. Acosta3, C. Hernandez2, C. Long1, 1University Health Transplant Institute, San Antonio, TX, 2Department of Nephrology, University of Texas Health Science Center at San Antonio, San Antonio, TX, 3University of Incarnate Word, San Antonio, TX

6:30 PM - 6:40 PM
Conversion of Tacrolimus Immediate Release to LCP-Tacrolimus in Non-Kidney Transplant Recipients
S. E. Lucarelli1, T. Le2, A. Lichvar3, J. Kerr3, J. Kozuch3, S. Tsunoda4, A. Feist4, 1UC San Diego Health, San Diego, CA, 2Stanford Health Care, Mountain View, CA, 3UC San Diego Health, La Jolla, CA, 4UCSD Skaggs School of Pharmacy and Pharmaceutical Sciences, La Jolla, CA

5:20 PM - 5:30 PM
Renal Functional Reserve, Radioisotopic Glomerular Filtration Rate and Urinary Injury Biomarkers: The Next Steps for a Safer Evaluation and Follow-Up of Living Kidney Donors
V. Cantaluppi1, G. Guglielmetti1, S. Bruno1, G. Camussi1, C. Ronco2, 1University of Piemonte Orientale (UPO), Novara, Italy, 2International Renal Research Institute (IRRIV), Vicenza, Italy

5:30 PM - 5:40 PM
Are We Providing Optimal Care, Information, and Support to Living Kidney Donors? A Qualitative Study
K. Loban1, J. Robert1, H. Badenoch2, A. Bugeja3, P. Nugus4, C. Rodriguez1, S. Sandal1, 1McGill University, Montreal, QC, Canada, 2Canadian Donation and Transplantation Research Program, Ottawa, ON, Canada, 3The Ottawa Hospital, Ottawa, ON, Canada

5:40 PM - 5:50 PM
Pre-Donation Hypertension and Post-Donation Kidney Function in Living Kidney Donors
E. Tantisattamo1, S. Kunupakan2, C. Puchongmart3, P. Naunsilp4, P. Wattanachayakul5, B. J. Hasjim6, N. Eguchi7, F. J. Ferrey1, U. G. Reddy1, D. C. Dafoe2, H. Ichii7, 1Division of Nephrology, Hypertension and Kidney Transplantation, Department of Medicine, University of California Irvine School of Medicine, Orange, CA, 2Ramathibodi Excellent Center for Organ Transplantation, Bangkok, Thailand, 3Department of Emergency Medicine, Banpheao General Hospital, Samut Sakhon, Thailand, 4Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, 5Department of Microbiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, 6Department of Surgery, University of California Irvine School of Medicine, Orange, CA, 7Division of Kidney and Pancreas Transplantation, Department of Surgery, University of California Irvine School of Medicine, Orange, CA

5:50 PM - 6:00 PM
mKidney System: A Randomized Control Trial of a Mobile Health Platform for Collecting Living Donor Follow-Up Data
C. Sidoti1, A. Chang2, M. Waldrum2, J. Motter1, A. Thomas2, A. B. Massie1, A. Bingaman3, L. Cooper2, E. J. Gordon4, D. Segev1, M. Levani, 1Department of Surgery, New York University, New York, NY, 2Johns Hopkins University, Baltimore, MD, 3HCA Florida Largo Hospital, Largo, FL, 4Department of Surgery, Vanderbilt University Medical Center, Nashville, TN

Program Topic: Kidney
Kidney Living Donor: Long Term Outcomes

5:10 PM - 6:40 PM
Moderators:
Didier Mandelbrot, MD, UW Health, Verona, WI, USA
Anju Yadav, MD FASN, Thomas Jefferson University Hospital, Philadelphia, PA, USA

5:10 PM - 5:20 PM
Are Normal Kidneys Histologically Normal?: Prevalence of Abnormal Implantation Biopsy Findings in Living Donor Kidneys
B. Emmons1, I. Batal2, K. L. King2, M. Yu2, L. Ratner2, P. Sandoval2, K. McCune2, S. Mohan4, S. Husain4, 1Columbia University Vagelos College of Physicians and Surgeons, New York, NY, 2Columbia University, New York, NY, 3Medicine - Nephrology, Columbia University Medical Center, New York, NY, 4Columbia University Medical Center, New York, NY

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
6:00 PM - 6:10 PM
All-Cause Hospitalization Among Live Kidney Donors After Nephrectomy
A. Chang1, A. Phung2, S. Mehta2, I. Massie3, L. B. Zeiser3, J. Alejo3, D. S. Warren4, M. L. Levan3, C. Sidoti3, A. B. Massie3, D. L. Segev3, E. King2, A. Muzaale2, 1Johns Hopkins University School of Medicine, Baltimore, MD, 2Johns Hopkins School of Medicine, Baltimore, MD, 3NYU Grossman School of Medicine, New York, NY

6:10 PM - 6:20 PM
Living Donor Champion Program: Innovation leads to lives saved
K. Harrell1, S. Puente2, J. Woodworth1, E. Thomas1. 1UT Health San Antonio, San Antonio, TX, 2University Health, San Antonio, TX

6:20 PM - 6:30 PM
Utility of Urinary Epidermal Growth Factor in Predicting Post-Donation Kidney Function
K. Droke1, W. Ju2, A. Naik3, M. D. Doshi3, 1University of Michigan, Ann Arbor, MI, 2Internal Medicine, University of Michigan, Ann Arbor, MI, 3Medicine, University of Michigan, Ann Arbor, MI

6:30 PM - 6:40 PM
Impact of Area Social Deprivation Index on Long-Term Living Kidney Donor Outcomes
D. M. Vock1, E. Helgeson2, A. Matas2, 1University of Minnesota, Minneapolis, MN, 2U Minn, Mpls, MN

6:40 PM - 6:50 PM
A Visualization Model for Health-Related Big Data: Personalized Patient Contextualization After Kidney Transplantation
O. Rousseau1, E. Geffard1, A. Durand1, M. Giral2, A. Loupy2, S. Brouard2, C. Lefaucheur2, E. Morelon2, L. Couzi2, N. Kamar2, M. Le Quintréc2, N. Vince1, S. Limou1, P. Gourraud1, 1Nantes Université, CHU Nantes, Centrale Nantes, Inserm, Center for Research in Transplantation and Translational Immunology, UMR1064, Nantes, France, 2For the RHU KTD-Innov and Divat consortia, - , France

6:00 PM - 6:10 PM
Community-Level Social Vulnerability and Liver Waitlisting and Transplantation of Cirrhosis Patients
P. Polineni3, A. A. Huang1, R. Huang1, B. J. Hasjim1, K. Guo1, L. Zhao1, A. Furmanchuk1, M. M. Dechesmeh2, M. W. Lewis-Thames3, L. M. McKiernon3, D. C. Simpson2, S. Mehrotra2, L. B. VanWagner4, D. P. Ladner1, 1Northwestern University Feinberg School of Medicine, Chicago, IL, 2Northwestern University, Evanston, IL, 3Duke University Medical Center, Durham, NC, 4UT Southwestern Medical Center, Dallas, TX

Program Topic: Organ Inclusive
Machine Learning, Artificial Intelligence, and Social Media in Transplantation

5:20 PM - 5:30 PM
Extended Validation of the iBox in Real Life Setting, Different Transplant Systems and Clinical Trials: The iBox EXTENDED Trial

5:30 PM - 5:40 PM
The Effect of Social Issues and the Impact of Mass Media Expressed in Portal on Organ Donation in Korea
H. Ahn, Surgery, Kyung Hee University, Seoul, Korea, Republic of

5:40 PM - 5:50 PM
Multi-Institutional Validation of Automated AI Banff Lesion Score Predictions from Renal Allograft Biopsies
L. A. Cooper1, A. B. Farris2, L. Allegretti3, D. A. Gutman2, C. Rebello1, J. Hogan4, J. Friedewald1, 1Northwestern University, Chicago, IL, 2Emory University, Atlanta, GA, 3University of Wisconsin, Madison, WI, 4Université de Paris, Paris, France

5:50 PM - 6:00 PM
A Visualization Model for Health-Related Big Data: Personalized Patient Contextualization After Kidney Transplantation
O. Rousseau1, E. Geffard1, A. Durand1, M. Giral2, A. Loupy2, S. Brouard2, C. Lefaucheur2, E. Morelon2, L. Couzi2, N. Kamar2, M. Le Quintrec2, N. Vince1, S. Limou1, P. Gourraud1, 1Nantes Université, CHU Nantes, Centrale Nantes, Inserm, Center for Research in Transplantation and Translational Immunology, UMR1064, Nantes, France, 2For the RHU KTD-Innov and Divat consortia, - , France

5:00 PM - 6:00 PM
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
6:10 PM - 6:20 PM
Dynameld: Accurate, Equitable Modeling of End-Stage Liver Disease
M. Cooper¹, X. Gao¹, Y. Wang¹, A. Azhie², D. Chahal³, S. Holdsworth⁴, R. G. Krishnan¹, M. Bhat⁴, ¹Department of Computer Science, University of Toronto, Toronto, ON, Canada, ²University of Manitoba, Winnipeg, MB, Canada, ³University of British Columbia, Vancouver, BC, Canada, ⁴University Health Network, Toronto, ON, Canada

Subsequent Hospitalizations, Acute Liver Failure, and Liver Transplant
B. Orandi¹, C. McLeod², P. MacLennan², W. Lee³, R. Fontana³, C. Karvellas³, B. McGuire², C. Lewis², N. Terrault³, J. Locke², ¹UB/A/Conner, Birmingham, AL, ²UB, Birmingham, AL, ³UT Southwestern, Dallas, TX, ⁴U of MI, Ann Arbor, MI, ⁵U of Alberta, Edmonton, AB, Canada, ⁶USC, Los Angeles, CA

6:20 PM - 6:30 PM
Identification of Novel Liver Transplant Biopsies Phenotypes Associated with Distinct Biological Profiles and Allograft Survival
Z. Demir¹, O. Aubert¹, M. Sebagh², J. Duong-Van-Huyen², D. Debray³, F. Durand³, V. Paradis³, E. Vibert³, C. Feray³, C. Chardot³, C. Francoz³, C. Lefaucheux¹, A. Loupy¹, ¹Paris Transplant Group, Paris, France, ²Assistance Publique-Hôpitaux de Paris, Paris, France

5:40 PM - 5:50 PM
Discrepancies in Reported Outcomes Between National Kidney Transplant Data Registries in the United States
M. Yu¹, S. Husain¹, K. L. King², R. Patzer³, A. Huml⁴, J. Schold⁵, S. Mohan¹, ¹Columbia University Medical Center, New York, NY, ²Medicine - Nephrology, Columbia University Medical Center, New York, NY, ³Emory University, Atlanta, GA, ⁴Cleveland Clinic, Cleveland, OH, ⁵University of Colorado Anschutz Medical Campus, Aurora, CO

5:50 PM - 6:00 PM
Understanding Kidney Transplant Wait-List Mortality Risk
J. Mehta, N. Mendonca, D. Tatum, D. Khirfan, M. Sharshir, A. Alper, H. Jeon, M. Killackey, A. Paramesh, A. Vijay, Tulane University School of Medicine, New Orleans, LA

6:00 PM - 6:10 PM
P. J. Oh, M. Eltemamy, Y. Lin, C. Lansang, E. Poggio, D. Goldfarb, V. Krishnamurthi, A. Wee, Cleveland Clinic, Cleveland, OH

6:10 PM - 6:20 PM
Stability of New Cms Metrics for Organ Procurement Organizations: Comparison of 2 Consecutive Years
A. Israni, J. Snyder, Hennepin Healthcare, Univ of MN, Scientific Registry of Transplant Recipients, Minneapolis, MN

6:20 PM - 6:30 PM
A Single-Center Cross-Sectional Analysis of Vitamin D Management in Kidney Transplant Recipients: Are We Sufficiently Addressing Deficiency?
R. Anumolu¹, S. Martinez-Yamada¹, B. Schreiber¹, A. Chandraker², ¹Brigham and Women's Hospital, Boston, MA, ²Medicine, Brigham and Women's Hospital, Boston, MA

Program Topic: Administrative
Quality Assurance Process Improvement & Regulatory Issues

5:10 PM - 6:40 PM
Moderators:
Linda Ohler, MSN, FAAN, CCTC FAST, Transplant Quality Institute, Vienna, VA, USA
Ashley Cardenas, MAS, CPHQ, CHC, LSSBB, University of California San Diego Health, Vista, CA, USA

5:10 PM - 5:20 PM
Impact of Sodium-Glucose Cotransporter-2 Inhibitor (SGLT2i) Use in Kidney Transplant Recipients
M. Armadi¹, G. K. Alzaneen², A. House², ¹Nephrology, Western University, LHSC, London, ON, Canada, ²Nephrology, Western University, London, ON, Canada

5:20 PM - 5:30 PM
Cordance by Data Source for Defining Donor Potential Using Cause, Age, and Location Consistent with Donation Used for New CMS OPO Regulations
J. Schold¹, R. Lopez¹, D. Zingmond², ¹University of Colorado, Aurora, CO, ²University of California Los Angeles, Los Angeles, CA

5:30 PM - 5:40 PM
Association of FDA Mandate Limiting Acetaminophen in Prescription Combination Opioid Products and

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Infectious Disease

CMV and PTLD

5:10 PM - 5:20 PM
CMV in Association with Important Outcomes in Kidney Transplantation

5:20 PM - 5:30 PM
Real-World Experience with Cmv Insight T Cell Immunity Testing in Kidney and Pancreas Transplant Recipients
M. Jorgenson, E. Meyer, J. Descourouez, D. Mandelbrodt, J. Smith, C. Sadler, J. Odorico, University of Wisconsin Health, Madison, WI, UW Health, Madison, WI, University of Wisconsin Infectious Disease, Madison, WI

5:30 PM - 5:40 PM
Letermovir is Effective for Cytomegalovirus Prophylaxis in a Large, Heterogeneous Solid Organ Transplant Population
G. N. Codispodo, D. Burack, D. M. Salerno, N. W. Lange, J. Hedvat, D. Kovac, M. Pereira, Pharmacy, NewYork-Presbyterian Hospital, New York, NY, Columbia University Irving Medical Center, New York, NY, NewYork-Presbyterian Hospital, New York, NY, New York Presbyterian Hospital, New York, NY

5:40 PM - 5:50 PM
Real-Life Clinical Implementation and Validation of a Strategy Based on Cmv-Specific Cell-Mediated Immunity to Guide Cmv Preventive Therapy in Kidney Transplantation
D. Kerveella, I. Cidraque, E. Crespo, L. Donadeu, A. Torija, M. Meneghini, F. Moreso, E. Melilli, N. Montero, T. Blanchard, C. Kotton, D. Kumar, O. Bestard, Translational Transplant Center, Vall D’Hebron University Hospital, Barcelona, Spain, Bellvitge University Hospital, Barcelona, Spain, Oxford Immunotec, Marlborough, MA, Massachusetts General Hospital, Boston, MA, University Health Network, Toronto, ON, Canada, Translational Transplant Center, Vall d’Hebron University Hospital, Barcelona, Spain

5:50 PM - 6:00 PM
Assessing Viral Kinetics in SOT Recipients Receiving Maribavir for Resistant/Refractory Cmv Infection and/or Disease
J. Newman, N. Patel, A. Mills, F. Bartlett, C. Perez, Y. Alkabab, D. Taber, MUSC, Charleston, SC, Pharmacy, Medical University of South Carolina, Charleston, SC, Medical University of South Carolina, Charleston, SC, Med University of South Carolina, Charleston, SC

6:00 PM - 6:10 PM
Outcome Characteristics by Organ Involvement or Non-Destructive Type in a Large 3 Center Cohort of Post-Transplant Lymphoproliferative Disorders (PTLD)
V. Dharnidharka, L. Walther, M. Agarwal, A. Goss, for the PTLD-MSMS Group, Washington University in St. Louis, Saint Louis, MO, Washington University School of Medicine, Saint Louis, MO

6:10 PM - 6:20 PM
Tabelecleucel for Epstein-Barr Virus-Positive Post-Transplant Lymphoproliferative Disease After Failure of Rituximab ± Chemotherapy Following Solid Organ or Allogeneic Hematopoietic Cell Transplant (ALLELE)
K. M. Mahadeo, R. Baiocchi, A. Beilinjaneh, S. Chaganti, S. Choquet, D. Dierickx, R. Dinavahi, L. Gamelin, A. Ghobadi, N. Guzman-Becerra, A. Joshi, A. Mehta, S. Nikiforow, R. Reshef, S. Prockop, Duke University, Durham, NC, James Comprehensive Cancer Center, The Ohio State University, Columbus, OH, University of Miami/Jackson Memorial Hospital, Miami, FL, Centre for Clinical Haematology, University Hospital Birmingham, Birmingham, United Kingdom, Hospitalier Pitié Salpêtrière, Paris, France, University Hospitals Leuven, Leuven, Belgium, Atara Biotherapeutics, South San Francisco, CA, Washington University, Division of Oncology, St. Louis, MO, Dana-Farber Cancer Institute, Boston, MA, Columbia University Medical Center, NY, Boston Children’s Hospital/Dana Farber Cancer
Institute, Boston, MA

6:20 PM - 6:30 PM
Optimizing Epstein-Barr Virus Surveillance in Thoracic Transplantation for Early Diagnosis of Post-Transplant Lymphoproliferative Disorder

A. Kim, M. M. Joyce, N. S. Sharma, H. J. Goldberg, M. R. Mehra, M. M. Givertz, H. R. Mallidi, A. Itoh, A. Coppolino, M. A. Keshk, E. L. Woodcome, V. Durney, C. E. Harris, V. Kovac, B. E. Gewurz, N. C. Issa, A. S. LaCasce, L. R. Baden, A. E. Woolley, Brigham and Women's Hospital, Boston, MA, Dana-Farber Cancer Institute, Boston, MA

6:30 PM - 6:40 PM
Epstein-Barr Virus-Associated Post-Transplant Lymphoproliferative Disorders in Pediatric Transplantation: A Prospective Multicenter Study in the United States

T. Tajima, D. Bernstein, S. Boyd, D. Gratzinger, G. Lum, K. Sasaki, B. Tan, C. Twist, K. Weinberg, M. Robien, M. Brown, B. Armstrong, D. Desai, G. Mazariegos, C. Chin, T. Fishbein, A. Tekin, R. Venick, O. M. Martinez, S. M. Krams, C. O. Esquivel, Abdominal Transplantation, Stanford University, Stanford, CA, Pediatrics, Stanford University, Stanford, CA, Pathology, Stanford University, Stanford, CA, Rosewell Park, Buffalo, NY, National Institute of Allergy and Infectious Diseases, Rockville, MD, Rho, Durham, NC, UT Southwestern Medical Center, Dallas, TX, UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA, University of Cincinnati College of Medicine, Cincinnati, OH, MedStar Georgetown University Hospital, Washington, DC, University of Miami Miller School of Medicine, Miami, FL, David Geffen School of Medicine at UCLA, Los Angeles, CA

Program Topic: Basic Science
Infection and Immunity: Basic

5:10 PM - 6:40 PM
Moderators:
Xunrong Luo, MD, PhD, Duke University School of Medicine, Durham, NC, USA
Michael Ison, MD MS, National Institutes of Health, Rockville, MD, USA

Patients with Allogeneic Hematopoietic Stem Cell Transplant (HSCT): Insights from a Delphi Panel with HSCT Experts

M. Graf, R. Tuly, P. Pednekar, J. W. Chou, C. Wang, K. Batt, PRECISIONheor, Bethesda, MD, Nephrology, Hennepin County Medical Center, Minneapolis, MN, Wake Forest Baptist Medical Center, Raleigh, NC

5:20 PM - 5:30 PM
Cross-Pathogen Proteomic Signatures of Acute and Convalescent Infection Identify Pan-Infection Signatures with Post-Transplant CMV and BKV Infection

T. Sigdel, S. Sur, P. Boada, S. McDermott, C. S. Lindestam Arlehamn, K. O. Murray, L. K. Bockenstedt, M. Kerwin, E. Reed, E. Harris, K. Stuart, B. Peters, A. Sesma, R. R. Montgomery, M. Sarwal, UCSF, San Francisco, CA, Seattle Children Research Institute, Seattle, WA, La Jolla Institute for Immunology, La Jolla, CA, Baylor College of Medicine and Texas Children’s Hospital, Houston, TX, Yale School of Medicine, New Haven, CT, University of California LA, Los Angeles, CA, University of California Berkeley, Berkeley, CA, Mount Sinai School of Medicine, New York City, NY

5:30 PM - 5:40 PM
Cytomegalovirus (CMV)-Specific T-Cell and Humoral Immune Responses in a Randomized Trial of Preemptive Antiviral Therapy (PET) vs Antiviral Prophylaxis (PRO)

After High-Risk CMV D+R Liver Transplant (LTx)

D. Zamora, S. Dasgupta, M. Wagener, M. Akoto, B. Edmison, T. Stevens-Ayers, D. Winston, R. Razonable, G. M. Lyon, A. Mehta, F. P. Silveira, D. Koelle, M. Boech, N. Singh, A. Limaye, Fred Hutchinson Cancer Center, Seattle, WA, University of Pittsburgh, Pittsburgh, PA, UCLA Medical Center, Los Angeles, CA, Mayo Clinic College of Medicine, Rochester, MN, Emory University School of Medicine, Atlanta, GA, University of Washington, Seattle, WA

5:40 PM - 5:50 PM
Neutralizing and Cellular Responses Against SARS-CoV-2 Omicron BA.5 in Vaccinated and/or Infected Pediatric Solid Organ Transplant Recipients


Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Detectable Spike Antigen Following Third Mrna Sars-Cov-2 Vaccination is not Associated with Antibody Development in Kidney Transplant Recipients
A. Karaba1, Z. Swank2, M. Chahoud1, S. Hussain1, C. Larsen1, C. Durand1, P. Heeger4, D. Segev4, D. Walt2, W. Werbel1, 1Johns Hopkins, Baltimore, MD, 2Harvard, Boston, MA, 3Emory, Atlanta, GA, 4Cedars Sinai, Los Angeles, CA, 5NYU, NY, NY

Optimising Adjuvant Effect of Rapamycin to Improve the Immunogenicity of Covid-19 Vaccines
C. Chai1, G. Perkins3, A. Yeow1, M. Masavuli1, Z. Mekonnen1, R. Santos1, S. Kireta3, P. R. Hurtado3, J. Johnston3, K. Pilkington3, I. Comerford3, C. Drogemuller3, B. Grubnor-Bauk1, T. Coates1, 1University of Adelaide, Adelaide, Australia, 2School of Biological Sciences, University of Adelaide, Adelaide, Australia, 3Royal Adelaide Hospital, Adelaide, Australia, 4Cytek Bioscience, Adelaide, Australia, 5University of Adelaide, adelaide, Australia

Perturbations in the Urine Proteome to Distinguish COVID19 and Acute Rejection in Renal Transplantation
T. Sigdel, P. Boada, M. Kerwin, I. Damm, M. Sarwal, UCSF, San Francisco, CA

The Septic Spleen Continuously Releases Neutrophils with Distinct Functional and Transcriptomic Signatures Into the Blood
L. Qiu, M. Looney, University of California San Francisco, San Francisco, CA

Transplantation Increases CD8 T Cell Senescence Impacting Risk for Infection and Rejection After Kidney Transplantation
J. Schaezman, H. Pickering, M. Cappelletti, S. Sen, S. Bunnapradist, E. Reed, David Geffen School of Medicine at UCLA, Los Angeles, CA

Remission of Diabetes Mellitus in Kidney Transplant Recipients with Pre-Transplant Diabetes: A Multicenter 1-Year Prospective Study
J. Bang, C. Oh, Ajou University School of Medicine, Suwon, Korea, Republic of

Efficacy and Safety of Glucose Like Peptide-1 Receptor Agonist (GLP1-RA) in Patients with Diabetes Who Underwent Kidney Transplantation (KT): A Potential Approach to Improve Post-Transplant Metabolic Outcomes
H. Zelada1, M. Campana2, D. Redden3, V. Kumar4, 1Diabetes, Endocrinology and Metabolism, University of Alabama at Birmingham School of Medicine, Birmingham,
Program Topic: Kidney
Kidney Deceased Donor Selection

5:10 PM - 6:40 PM
Moderators:

5:10 PM - 6:40 PM
Cold Ischemia Time (CIT), Pumping, and Delayed Graft Function (DGF) in Deceased Donor Kidney (DDK) Transplant: A Paired Kidney Analysis
S. Khanna¹, M. Yu², K. L. King³, S. Mohan³, S. Husain³, ¹Columbia University, New York, NY, ²Medicine-Nephrology, Columbia University Medical Center, New York, NY, ³Columbia University Medical Center, New York, NY

5:20 PM - 5:30 PM
A Glomerulosclerosis-Informed KDPI to Better Predict Long-Term Kidney Graft Survival
S. Weiss¹, J. Foutz¹, L. Kamal², M. Cooper³, B. Tanriverdi⁴, G. Gupta², D. E. Stewart¹, ¹UNOS, Richmond, VA, ²Virginia Commonwealth University, Glen Allen, VA, ³MedStar Georgetown Transplant Institute, Washington, DC, ⁴University of Arizona College of Medicine, Tucson, AZ, ⁵NYU Langone Health, New York, NY

5:30 PM - 5:40 PM
Offer Decision-Making with Predictive Analytics in DonorNet Mobile Pilot Project
J. Wainright¹, L. Cartwright¹, M. Stuart¹, C. McCharen¹, M. Ghaifari², L. Board², D. Klassen³, ¹Research, UNOS, Richmond, VA, ²Information Technology, UNOS, Richmond, VA, ³Office of the Chief Medical Officer, UNOS, Richmond, VA

5:40 PM - 5:50 PM
Deceased Donor System Performance in a Jurisdiction with Early Communication Between Transplant and Opo Professionals
L. McMichael¹, D. Chang¹, I. Mailey², H. Butler², S. Keenan², J. Gill¹, J. Gill¹, ¹University of British Columbia, Vancouver, BC, Canada, ²BC Transplant, Vancouver, BC, Canada

5:50 PM - 6:00 PM
Wait Time Advantage for Transplant Candidates with HIV Who Accept Kidneys from Donors with HIV

Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023
Program Topic: Basic Science

Immunosuppression & Tolerance: Preclinical & Translational Studies

5:10 PM - 6:40 PM
Moderators: Ginny Bumgardner, MD PhD FACS, Ohio State University, Columbus, OH, USA
Colin Lenihan, MD, Stanford University, Stanford, CA, USA

5:10 PM - 5:20 PM
Anti-CD40L-Based Desensitization and Immunosuppression Promotes Long-Term Graft Survival in Allosensitized Nonhuman Primate Kidney Transplantation
I. J. Anwar, I. DeLauro, Q. Gao, J. Yoon, J. M. Ladowski, J. Kwun, S. J. Knechtle, Duke University Medical Center, Durham, NC

5:20 PM - 5:30 PM
Use of Anti-IL-6 or Anti-IL-6R mAb Therapy in a Mixed Chimerism Protocol to Achieve Heart Allograft Tolerance in Non-Human Primates
C. L. Miller, J. M. O, A. Dehnadi, S. M. Landino, J. T. Nawalaniec, M. Momodu, D. Muldoon, J. M. Muolo, H. Lee, I. M. Hanekamp, J. S. Allan, G. Benichou, J. C. Madsen, Center for Transplantation Sciences, Massachusetts General Hospital, Boston, MA, Center for Transplantation Sciences, Division of Cardiac Surgery, Massachusetts General Hospital, Boston, MA

5:30 PM - 5:40 PM
A Phase I/IIa Trial of Autologous Regulatory T Cell Therapy Together with Donor Bone Marrow Infusion in Kidney Transplantation
R. Oberbauer, M. Muckenhuber, J. Mucha, R. Reinl-Schwaighofer, A. Heinzel, G. Berlakovich, N. Worel, M. Woltz, T. Lion, M. Edinger, T. Wekerle, Medical Univ Vienna, Vienna, Austria, Univ Hosp Regensburg, Regensburg, Germany

5:40 PM - 5:50 PM
Impact of Immunosuppression Withdrawal in Donor(hla)-specific Memory B Cell Responses in Pediatric Liver Transplant Recipients
A. Torija, D. Kervella, L. Donadeu, M. Meneghini, E. Crespo, R. Buchli, A. Sanchez-Fueyo, J. Bucuvalas, S. Feng, O. Bestard, Transplantation Transplant Center, Vall D’Hebron University Hospital, Barcelona, Spain, Pure Protein, LLC, Oklahoma City, OK, King’s College London,
5:50 PM - 6:00 PM
Single Cell Analysis Reveals Distinct T Cell Receptor Repertoire of Ex Vivo Expanded Human Antigen Specific T Regulatory Cell Enriched Line (ASTRL)
S. Tripathi1, Z. Zhuo2, B. Schreiber3, A. M. Waaga-Gasser4, A. Chandraker1, 1Renal Medicine, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, 2Biostatistics, Harvard T.H. Chan School of Public Health, Boston, MA

6:00 PM - 6:10 PM
Fc-Modified Anti-Cd154 Mab Induced Long Term Renal Allograft Survival without Thromboembolic Complications
R. Otsuba, G. Lassiter, T. Hirose, A. Karadagi, T. Tomosugi, I. Rosales, T. Kawai, The First Affiliated Hospital, Sun Yat-sen University, Guang Zhou, China

6:10 PM - 6:20 PM
An Exome-Wide Study of Renal Operatioal Tolerance
A. Massart1, R. Danger2, C. Olsen3, M. J. Emond4, O. Viklicky5, V. Jacquemin5, J. Soblet6, S. Dueinckx5, D. Croes7, C. Perazzolo6, P. Hruba7, D. Daneels8, B. Caljon3, M. Sever8, J. Pascual9, I. Pirson8, L. Ghisdal6, G. Smits6, M. Giraf10, D. Abramowicz10, M. Abramowicz11, S. Brouard3, UZ Antwerpen, Antwerp, Belgium, 2Nantes Université, Nantes, France, 3VUB, Brussels, Belgium, 4University of Washington, Seattle, WA, 5IKEM, Prague, Czech Republic, 6ULB, Brussels, Belgium, 7UCL, Brussels, Belgium, 8Tip Fakültesi, Istanbul, Turkey, 9Hospital Universitario 12 de Octubre, Madrid, Spain, 10UZA, Antwerp, Belgium, 11HUG, Geneva, Switzerland

6:20 PM - 6:30 PM
A Novel Bi-Specific Fusion Protein with CTLA4-Ig/PD-L2 as a Novel Immunosupressant Molecule Modulating Alloimmune Responses
D. Kervella1, A. Torija1, E. Crespo1, L. Donadeu1, J. Guiteras2, N. Bolaños1, J. Torras2, J. Grinyó3, O. Bestard1, 1Translational Transplant Center, Vall d’Hebron University Hospital, Barcelona, Spain, 2IDIBELL, L’Hospitalet de Llobregat, Spain, 3Barcelona University, Barcelona, Spain

Program Topic: Infectious Disease
Polyoma Virus Infection
Program Topic: Liver

Liver MELD Allocation and Recipient Selection

5:10 PM - 6:40 PM
Moderators:
Mark Orloff, MD, University of Rochester, Rochester, NY, USA

Thomas Schiano, MD, The Mount Sinai Medical Center, ny, NY, USA

5:10 PM - 5:20 PM
Impact of Acuity Circles Model for Liver Allocation on Liver Transplantation for Patients with Alcohol Associated Liver Disease
D. M. Vock1, S. Chinnakotla2, 1University of Minnesota, Minneapolis, MN, 2U Minn, Mpls, MN

5:20 PM - 5:30 PM
MELD is a Poor Predictor of Liver Transplant Futility Compared with Biomarkers of Severe Pre-Transplant Immune Dysfunction
T. Zoumpou1, G. G. Panayotova1, D. T. Nguyen2, E. A. Graviss2, S. Simonishvili1, G. Prakash1, J. Marsh1, Y. Shah1, Y. Qin1, T. Ayorinde1, L. Jin3, J. Faybusovich1, L. J. Minze3, F. Paterno1, A. Amin1, G. Lee-Riddle1, R. M. Ghobrial2, J. V. Guerrera1, K. E. Lunsford1, 1Rutgers New Jersey Medical School, Newark, NJ, 2Houston Methodist Hospital, Houston, TX

5:30 PM - 5:40 PM
Local Liver Procurement Post-Adoption of Acuity Circles Does Not Impact Graft Survival
E. H. Li1, T. Ibeabuchi1, T. Bittermann2, N. Mahmud2, S. Abu-Gazala1, P. Abt1, 1Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA, 2Hospital of the University of Pennsylvania, Philadelphia, PA

5:40 PM - 5:50 PM
MMaT-3 Policy Implementation is Associated with Decreased Access to Transplant and Increased Use of Higher Risk Allografts for Hepatocellular Carcinoma Patients
E. M. Przybyszewski, E. K. Mitten, S. Yagos, L. Irwin, I. Bhan, E. D. Bethea, Massachusetts General Hospital, Boston, MA

5:50 PM - 6:00 PM
MUST-PEth: A Multicenter Study of Social Determinants of Health and Biochemical Alcohol Relapse in Patients Transplanted for Alcohol-Associated Liver Disease
K. Torosian1, W. Johnson2, A. Kwong3, N. Lim2, V. Ajmera4, 1Internal Medicine, UCSD, San Diego, CA, 2Hepatology, Univ. of Minnesota, Minneapolis, MN, 3Hepatology, Stanford, Redwood City, CA, 4Hepatology, UCSD, San Diego, CA

6:00 PM - 6:10 PM
Use of the Claims-Based Frailty Index for Pre-Transplant
Wednesday, June 7, 2023

**IMPACT Sessions**
7:00 AM - 8:00 AM

**Program Topic: Intestine**

*Immunologic Concerns in Intestine Transplantation*

7:00 AM - 8:00 AM
Moderators: Thomas Schiano, MD, Mount Sinai Medical Center, NY, NY, USA
Shaheed Merani, MD, PhD, University of Nebraska Medical Center, Omaha, NE, USA

7:00 AM - 7:15 AM
Management of the High DSA Patient
Kishore Iyer, FACS, MBBS, FRCS, Mount Sinai Medical Center, New York, NY, USA

7:15 AM - 7:30 AM
Balancing Rejection and Infection Risk
Mayur Ramesh, MD, Henry Ford Transplant Institute, Detroit, MI, USA

7:30 AM - 7:45 AM
How to Apply Biomarkers in IT/MVT Going Forward
Joshua Weiner, MD, New York-Presbyterian/Columbia University Medical Center, New York, NY, USA

7:45 AM - 8:00 AM
Q&A

**Program Topic: Administrative**

*Strategies for Leading a Transplant Program*

7:00 AM - 8:00 AM
Moderators: Edward Zavala, MBA, Vanderbilt University, Brentwood, TN, USA
Gwen McNatt, PhD, FNP-BC, FAAN, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

7:00 AM - 7:15 AM
Managing Regulatory Aspects of Transplantation
Gwen McNatt, PhD, FNP-BC, FAAN, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

7:15 AM - 7:30 AM
Andrea Tietjen, MBA, Saint Barnabas Medical Center, Verona, NJ, USA

7:30 AM - 7:45 AM
Managing a Transplant Team Through a Crisis
Laura Stillion, MHA, The Ohio State University Wexner Medical Center, Columbus, OH, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Pancreas

Pancreas: Capturing the Benefit-How to Rejuvenate Your Pancreas Transplant Program

7:00 AM - 8:00 AM
Moderators:
Darshana Dadhania, MD, MS, FAST, New York Presbyterian/Weill Cornell Medical Center, NY, NY, USA
Karthik Ramanathan, MD, University of Minnesota, Minneapolis, MN, USA

7:00 AM - 7:15 AM
Optimizing Surgical Approach and Immunosuppression for my Pancreas Recipient
Peter Stock, MD, PhD, University of California-San Francisco, San Francisco, CA, USA

7:15 AM - 7:30 AM
Recipient Selection - Does Advancing Age, BMI, and Insulin Dose Really Impact Outcomes for Pancreas Transplantation?
A Fridell, MD, Indiana University School of Medicine, Indianapolis, IN, USA

7:30 AM - 7:45 AM
Donor Selection - How Your Program can Start Growing--Increasing Procurement Confidence in the

Procuring Surgeon and the Recovering OPO
Ty Dunn, MD, Penn Medicine, Philadelphia, PA, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Public Policy and Regulatory Issues

Dead or Alive? How to Define Death in the Machine Preservation Era With Normothermic Regional Perfusion

7:00 AM - 7:15 AM
Moderators:
Korkut Uygun, PhD, Massachusetts General Hospital, Boston, MA, USA
Jorge Mallea, MD, Mayo Clinic Florida, Jacksonville, FL, USA

7:15 AM - 7:30 AM
Scientist's Perspective: What are the Limits of Death?
David Andrijevic, MD, Yale, New Haven, CT, USA

7:30 AM - 7:45 AM
Surgeon's Perspective: When is it too Late for an Organ?
Timothy Pruett, MD, Transplant Surgery, Minneapolis, MN, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Pharmacy & Infectious Disease

New Tools to Tame the Troll of Transplant: CMV in 2023

7:00 AM - 8:00 AM
Moderators:
Melissa McGowan, PharmD, The Ohio State University, Columbus, OH, USA
Raymund Razonable, MD, Mayo Clinic College of Medicine, Rochester, MN, USA
7:00 AM - 7:15 AM
Clinical Pearls: Letermovir
Jennifer Byrns, PharmD, Duke University Hospital, Chapel Hill, NC, USA

7:15 AM - 7:30 AM
Management of Refractory CMV
Dora Ho, MD, PhD, Stanford School of Medicine, Stanford, CA, USA

7:30 AM - 7:45 AM
Personalizing CMV Treatment: Pros and Pitfalls of Immune Assays
Atul Humar, MD, MSC, Toronto General Hospital, Toronto, ON, Canada

7:45 AM - 8:00 AM
CMV Stewardship Strategies
Jillian Fose, PharmD, UW Health, Verona, WI, USA

Program Topic: Women's Health
Reproductive Rights Legislature and Impact on Pre- and Post-Transplant Patients

7:00 AM - 8:00 AM
Moderators:
Alexandra Shingina, MD, MSc, Vanderbilt University Medical Center, Nashville, TN, USA
Lisa Coscia, RN, BSN, CCTC, Transplant Pregnancy Registry International, Philadelphia, PA, USA

7:00 AM - 7:15 AM
Incidence, Prevalence, and Challenges of Pregnancies on Women with End-stage Organ Failure and Following Transplantation (Liver and Other Organs)
Alexandra Shingina, MD, MSc, Vanderbilt University Medical Center, Nashville, TN, USA

7:15 AM - 7:30 AM
Ethical Issues Surrounding the Supreme Court's Roe vs Wade Decision and Impact on Transplant Patients
Hector Ramos, MD, MSc FACS, HEC-C, Department of Surgery University of Southern California Keck School of Medicine, Los Angeles, CA, USA

7:30 AM - 7:45 AM
Legal Background on Roe vs Wade Repercussions for Transplant Professionals: Providing a Framework for Reproductive Right Discussion

Alexandra Glazier, JD, MPH, New England Organ Bank, Waltham, MA, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Pediatric & Kidney
Utility of Non-Traditional Donors in Pediatric Kidney Transplantation

7:00 AM - 8:00 AM
Moderators:
Rachel Engen, MD, MS, Rachel Engen, Madison, WI, USA
Patrick Almond, MD, FACS, MBA, Driscoll Children’s Hospital, Corpus Christi, TX, USA

7:00 AM - 7:15 AM
Deceased After Cardiac Death Donors and Pediatric Candidates: an Opportunity to Expand the Donor Pool?
Christine Hwang, MD, University of Texas Southwestern Medical Center, Dallas, TX, USA

7:15 AM - 7:30 AM
What’s the Risk of Increased Risk: use of PHS Increased Risk Donors in Pediatric Transplantation
Sarah Kizilbash, MD, MS, University of Minnesota, Minneapolis, MN, USA

7:30 AM - 8:00 AM
Q&A

Program Topic: Organ Machine Perfusion
Machine Perfusion in Liver Transplantation: Current Usage and Future Directions

7:00 AM - 8:00 AM
Moderators:
Amit Mathur, MD, MS, FACS, Mayo Clinic, Phoenix, AZ, USA
Kristopher Croome, MD, Mayo Clinic Jacksonville, Jacksonville, FL, USA
Program Built in Pacific Time Zone
PROGRAM AS OF JUNE 3, 2023

7:00 AM - 7:15 AM
Increasing the Donor Pool Utilizing Normothermic Regional Perfusion in Donation After Cardiac Death
Eduardo Miñambres, MD, PhD, Marqués de Valdecilla University Hospital, Santander, Spain

7:15 AM - 7:30 AM
Current Status and Future Directions of Hypothermic Oxygenated Machine Perfusion
Philipp Dutkowski, MD, University Hospital Zurich, Zurich, Switzerland

7:30 AM - 7:45 AM
Can we Decrease Ischemic Cholangiopathy in DCD with Normothermic Machine Perfusion
Peter Friend, MD, FRCS, University of Oxford, Oxford, United Kingdom

7:45 AM - 8:00 AM
Q&A

Program Topic: Liver

Fueling the Fire or Quelling the Flames: Using Immunotherapy for Hepatocellular Carcinoma in the Setting of Liver Transplantation

7:00 AM - 8:00 AM
Moderators:
Manhal Izzy, MD, Vanderbilt University Medical Center, Nashville, TN, USA
John Fung, MD, PhD, University of Chicago, Chicago, IL, USA

7:00 AM - 7:15 AM
Review of the Utility of Immunotherapy in Liver Transplant Candidates
John Fung, MD, PhD, University of Chicago, Chicago, IL, USA

7:15 AM - 7:30 AM
PRO: Immunotherapy Can be used Safely in the Waitlisted Liver Transplant Candidates
Parissa Tabrizian, MD, MSc, FACS, Mount Sinai Medical Center NY, New York, NY, USA

7:30 AM - 7:45 AM
CON: Risk of Allograft Rejection is too High to Justify use in the Waitlisted Patients or Post Transplant Population
Neehar Parikh, MD, University of Michigan, Ann Arbor, MI, USA

Program Topic: Translational

Environmental Modifiers of Alloimmune Response

7:00 AM - 8:00 AM
Moderators:
Paolo Cravedi, MD, PhD, Mount Sinai, New York, NY, USA
Kassem Safa, MD, FASN, FAST, Massachusetts General Hospital, Boston, MA, USA

7:00 AM - 7:15 AM
Impact of Diet
John Iacomini, PhD, Tufts University School of Medicine, Boston, MA, USA

7:15 AM - 7:30 AM
Impact of Pollutants
Jessamyn Bagley, PhD, Tufts, Boston, MA, USA

7:30 AM - 7:45 AM
The Impact of the Gut Microbiota on the Metabolism of Immunosuppressive Medications
John Lee, MD, Weill Cornell Medicine, New York, NY, USA

7:45 AM - 8:00 AM
Q&A

Program Topic: Basic Science & Vascularized Composite Allograft

Transplant Immunology and Vascularized Composite Allografts

7:00 AM - 8:00 AM
Moderators:
Linda Cendales, MD, Duke University Medical Center, Durham, NC, USA
Program Topic: Other

A Bridge to Nowhere? What Destination Therapies are Reasonable Options for Our Transplant Ineligible Patients?

7:00 AM - 8:00 AM
Moderators:
Justin Boike, MD, MPH, Northwestern University, Chicago, IL, USA
Adam Mikolajczyk, MD, FACP, University of Illinois Chicago, Chicago, IL, USA

7:00 AM - 7:15 AM
Destination VAD: When is the Right Time for Ventricular Assist Devices in Congestive Heart Failure?
Jared Herr, MD, California Pacific Medical Center, San Francisco, CA, USA

7:15 AM - 7:30 AM
Destination Dialysis: The ESRD Patient Ineligible for Kidney Transplant: Home-dialysis Therapies are the Next Best Option
Vikram Aggarwal, MD.DNB, Northwestern University, Chicago, IL, USA

7:30 AM - 7:45 AM
Targeted Immunosuppression to Prevent VCA Rejection
Giorgio Raimondi, PhD, Johns Hopkins School of Medicine, Baltimore, MD, USA

7:45 AM - 8:00 AM
Q&A

8:00 AM - 8:15 AM
Break

8:15 AM - 9:15 AM
Plenary Oral Abstract Session

8:15 AM - 8:30 AM
Impact of Different Assumptions to Address the Impact of Covid-19 on Transplant Center Measured Performance
J. D. Schold, J. Pomposelli, B. Kaplan, E. Pomfret, University of Colorado, Aurora, CO

8:30 AM - 8:45 AM
Relevance of the Banff Human Organ Transplant Consensus Gene Panel for Detecting Antibody and T-Cell Mediated Rejection of Kidney Allografts
A. Giarraputo1, D. Zielinski2, V. Goutaudier2, B. Robin2, O. Aubert2, M. Haas3, A. Angelini4, M. Menge1, C. Lefaucheur2, A. Loupy2, 1Paris Transplant Group, Université de Paris, PARCC, INSERM, Paris, France, 2Paris Transplant Group, Paris, France, 3Cedars-Sinai Medical Center, Los Angeles, CA, 4Cardiovascular Pathology Unit, Padova, Italy, 5University of Alberta, Edmonton, AB, Canada

8:45 AM - 9:00 AM
Enzymatic Conversion of Human Blood Group a Kidneys to Universal Blood Group O
S. MacMillan1, S. S. Macdonald2, J. N. Kizhakkedathu3, S.
Regulatory Dendritic Cell Therapy in Humans Safely Modulates Peripheral and Allograft Immune Reactivity After Liver Transplantation
L. Tran, C. Macedo, A. Zahorchak, A. D. Singhi, A. Srivastava, D. Landsittel, A. Metes, A. Thomson, University of Pittsburgh School of Medicine, Pittsburgh, PA

9:15 AM - 10:45 AM

ATC’s People’s Choice Award

The Science of Fire and Ice: Machine Perfusion vs. Cryopreservation

9:50 AM - 11:00 AM

Moderators:
Erik Finger, MD, PhD, University of Minnesota, Minneapolis, MN, USA
To Be Determined

9:50 AM - 10:05 AM

The Science of Pumping: why Machine Perfusion is Here to Stay
Peter Friend, MD, FRCS, FMedSci, University of Oxford, Oxford, United Kingdom

10:05 AM - 10:20 AM

Cryopreservation is the Future
Korkut Uygun, PhD, Massachusetts General Hospital, Boston, MA, USA

10:20 AM - 10:25 AM

Pro - Rebuttal

10:25 AM - 10:30 AM

Con - Rebuttal

ATC’s People Choice Award

9:15 AM - 9:40 AM

Break

9:40 AM - 9:50 AM

Controversies in Transplantation

9:50 AM - 11:00 AM

Moderators:
Henry Randall, MD, Saint Louis University, St. Louis, MO, USA
Silas Norman, MD, University of Michigan, Ann Arbor, MI, USA

9:50 AM - 10:10 AM

What is Equity in Organ Transplantation?
10:30 AM - 11:00 AM
Q&A

Break
11:00 AM - 11:10 AM

Late Breaking Clinical Trials Oral Abstract Session
11:10 AM - 11:50 AM

Program Topic: All Topics
Late Breaking Clinical Trials Abstract Session

11:10 AM - 11:50 AM
Moderators:
John Friedewald, MD, Northwestern University, Chicago, IL, USA
Roberto Hernandez-Alejandro, MD, University of Rochester Medical Center, Rochester, NY, USA

11:10 AM - 11:20 AM
A Pilot Study Evaluating Dual Co-Stimulation Blockade with Dazodalibep (HZN4920) and Belatacept for Prophylaxis of Kidney Allograft Rejection
A. D. Kirk¹, J. Shoji², D. Wojciechowski³, J. Kim⁴, W. Xu⁵, T. M. Wilson⁶, F. Vincenti⁷, ¹Duke University, Durham, NC, ²UCSF, San Francisco, CA, ³UTSW, Dallas, TX, ⁴Surgery, USC, Los Angeles, CA, ⁵Horizon Therapeutics, Rockville, MD

11:20 AM - 11:30 AM
Treg Modulation with CD28 and IL-6 Receptor Antagonists in Kidney Transplant Recipients: Results of CTOT-24, a Prospective Clinical Trial
S. Chandran¹, Q. Tang¹, J. Leung¹, B. Armstrong², J. Friedewald³, A. Kirk⁴, M. Morshemer⁵, F. Vincenti⁶, ¹UCSF, San Francisco, CA, ²Rho, Durham, NC, ³Northwestern U, Chicago, IL, ⁴Duke U, Durham, NC, ⁵NIAID, Bethesda, MD

11:30 AM - 11:40 AM
A Phase 2, Randomized Controlled Trial of Anti-CMV Monoclonal Antibody, Fiztasovimab, to Prevent CMV Infection in Kidney Transplant Recipients: The LionHeart21 Study
N. Ichimaru¹, R. Alloway², D. Wojciechowski³, N. Castillo Almeida⁴, N. Goto⁵, T. Watanabe⁶, Y. Natori⁷, K. Nakagawa⁸, H. Egawa⁹, ¹Kinki Central Hospital, Hyogo, Japan, ²University of Cincinnati College of Medicine, ³University of Texas Southwestern, Dallas, TX, ⁴University of Nebraska Medical Center, Omaha, NE, ⁵Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Nagoya, Aichi, Japan, ⁶Nobelpharma Co., Ltd., Tokyo, Japan, ⁷University of Miami Miller School of Medicine, Miami, FL, ⁸Tokyo Dental College Ichikawa General Hospital, Chiba, Japan, ⁹Tokyo Women’s Medical University, Tokyo, Japan

11:40 AM - 11:50 AM
Double Lung Transplant REgistry Aimed for Lung-Limited Malignancies (DREAM) - A Prospective Registry Study for Double Lung Transplantation for Medically Refractory Cancers Limited to the Lungs
Y. Chae, L. Chung, R. Tomic, A. Bharat, Northwestern University, Chicago, IL

What’s Hot / What’s New
11:50 AM - 12:30 PM
Program Topic: All Topics
What’s Hot; What’s New

11:50 AM - 12:10 PM
Clinical
Paige Porrett, MD PhD, University of Alabama at Birmingham, Birmingham, AL, USA

12:10 PM - 12:30 PM
Basic
Valeria Mas, PhD, University of Maryland, Baltimore, MD, USA