



PHILADELPHIA

AMERICAN TRANSPLANT CONGRESS 2015

MAY 2-6, 2015

PHILADELPHIA, PA

PENNSYLVANIA CONVENTION CENTER

www.atcmeeting.org

REGISTRATION BROCHURE

PRE-REGISTRATION DEADLINE: APRIL 1, 2015

PRE-MEETING SYMPOSIA • SATURDAY, MAY 2, 2015

ATC ANNUAL MEETING • SUNDAY, MAY 3 – WEDNESDAY, MAY 6, 2015

EXHIBITS • SATURDAY, MAY 2 – TUESDAY, MAY 5, 2015

***AS OF FEBRUARY 4, 2015**



AMERICAN TRANSPLANT CONGRESS 2015



Welcome Letter

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 2015 American Transplant Congress (ATC) – the fifteenth joint American transplant meeting.

The ATC is the foremost educational event in the field of basic and clinical transplantation. For the 2015 Congress, we head to Philadelphia, Pennsylvania and will hold the meeting in the Pennsylvania Convention Center. The center is conveniently located to a number of hotels that have easy access to the venue as well as museums, shopping and restaurants.

The overall format of the meeting will not change. The Saturday afternoon pre-meeting symposia will continue to provide focused updates for those attendees who choose to come early to the meeting. We will continue the Sunday – Wednesday morning format starting with Sunrise Symposia, followed by a joint plenary session and closing with our single-focused Midday Symposia. The afternoons will be for concurrent oral presentations and posters from selected abstracts and special featured sessions.

ATC Night Out will return this year as *ATC's Got Talent* on Tuesday evening. Breakout your tap shoes or dust off your magic hat! It's time to show ATC who has the most talent!

The ever popular, "What's Hot, What's New" will be the feature presentation on Wednesday, the final day of the meeting.

The American Transplant Congress is the meeting to attend with the widest range of educational opportunities. Philadelphia is a modern city, steeped in history that offers visitors a full-on fusion of old and new, traditional and trendy. World-class dining, eclectic entertainment and unmatched shopping will make this Congress one to remember, so please join us for a week of outstanding programs and for the opportunity to network with your colleagues and friends.

Robert Fairchild, PhD, Chair
Dorry Segev, MD, PhD, Chair
Peter Heeger, MD, Co-Chair
Randall Sung, MD, Co-Chair
Josh Levitsky, MD, Co-Chair Elect
David Mercer, MD, PhD, Co-Chair Elect



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ATC Committees & Staff

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ATC Meeting Headquarters and Staff

MEETING HEADQUARTERS

American Transplant Congress

1120 Route 73, Suite 200

Mt. Laurel, NJ 08054

Phone: 856-439-0880 • Fax: 856-439-0525

Email: atc@ahint.com

Website: www.atcmeeting.org

STAFF

Shannon C. Fagan, CMP

Director of Meetings and Exhibits

Direct Line: 856-642-4428

Email: sfagan@ahint.com

Robin Geary, CMP

Senior Exhibit Manager

Direct Line: 856-793-0804

Email: rgeary@ahint.com

Caitlin Dougherty, CMP

Meeting Manager

Direct Line: 856-380-6820

Email: cdougherty@ahint.com

Stephanie Zuba

Registration Manager

Direct Line: 856-380-6917

Email: szuba@ahint.com

Maureen Sojka

Meeting Coordinator

Direct Line: 856-380-6863

Email: msojka@ahint.com

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AST NATIONAL OFFICE

1120 Route 73, Suite 200

Mt. Laurel, NJ 08054

Telephone: 856-439-9986

Fax: 856-439-9982

Email: info@myAST.org

Website: www.myAST.org



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ASTS NATIONAL OFFICE

2461 South Clark St., Suite 640

Arlington, VA 22202

Telephone: 703-414-7870

Fax: 703-414-7874

Email: asts@asts.org

Website: www.asts.org

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Who Should Attend

This meeting is designed for physicians, surgeons, scientists, nurses, organ procurement personnel and pharmacists who are interested in the clinical and research aspects of solid organ and tissue transplantation.

Overview of the American Transplant Congress (ATC)

- 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 symposia, oral abstracts, concurrent workshops, and poster presentations as well as small group session designed for in-depth exploration of both clinical and basic science topics.

Registration Information

The American Transplant Congress offers discounted registration rates if you register by April 1, 2015. Registration must be made online along with full payment by this date in order to qualify for the early registration. Early registration is strongly recommended to ensure timely processing of your registration and to avoid lengthy onsite lines. Congress registration includes entrance to all scientific sessions Sunday-Wednesday and the opening reception/exhibit hall. Pre-meeting symposia, workshops and ATC Night Out are additional fees.

Payment

Registration must be made online using a valid credit card.

Registration Rates

The American Transplant Congress offers discounted registration rates to AST and ASTS members who are in good standing by April 1, 2015.

*Trainee non-members must provide proof of eligibility.

**The student rate is not intended for poster or oral abstract presenters. Verification is required onsite. Residents must provide a letter from their program director; students should contact their department chairs. The student rate includes the special student program session that is designed for medical students and residents being presented on Sunday, May 3, 2015 from 2:15 - 5:00 pm. It also includes access to the posters, exhibit hall, sunrise, midday, plenary and concurrent sessions.

Pre-Meeting Symposia - Saturday, May 2

Registration Type	Early Registration By April 1, 2015	Onsite Registration After April 1, 2015
Member (AST, ASTS or Dual)	\$135.00	\$185.00
Trainee Member (AST or ASTS)	\$40.00	\$70.00
Trainee Non-member*	\$75.00	\$99.00
Non-member	\$230.00	\$280.00
Non-Doctoral Member (AST or ASTS)	\$80.00	\$101.00
Non-Doctoral Non-member	\$110.00	\$140.000
Senior/Emeritus Member	\$50.00	\$50.00

Annual Meeting - Sunday, May 3 - Wednesday, May 6

Registration Type	Early Registration By April 1, 2015	Early Registration By April 1, 2015 Best Value Package***	Onsite Registration After April 1, 2015	Onsite Registration After April 1, 2015 Best Value Package***
Member (AST, ASTS, Dual)	\$450.00	\$550.00	\$575.00	\$690.00
Trainee Member (AST or ASTS)	\$100.00	\$200.00	\$125.00	\$240.00
Trainee Non-member	\$195.00	\$295.00	\$295.00	\$410.00
Non-member	\$895.00	\$995.00	\$995.00	\$1,110.00
Non-Doctoral Member (AST or ASTS)	\$240.00	\$340.00	\$325.00	\$440.00
Non-Doctoral Non-member	\$370.00	\$470.00	\$450.00	\$565.00
Senior/Emeritus	\$175.00	\$275.00	\$225.00	\$340.00
Medical Student/Resident (Sunday, May 3 only)	\$50.00	N/A	\$50.00	N/A

Ticketed Workshops & Social Events

Ticketed Workshops	\$49.00 per workshop
ATC's Night Out	\$50.00

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Registration Information

The ASTS and AST offer a discounted registration fee if you register by April 1, 2015. Registration forms, including complete payment, must be received by this date to qualify for the early registration discount. Early registration is strongly recommended for those who wish to ensure their choice for workshop tickets. Additionally, early registration ensures timely processing of your registration and helps avoid lengthy onsite lines. The early registration fees are considerably lower than onsite fees due to the increased costs for onsite registration including equipment, staff and set-up.

Cancellation/Change Fee Policy

Requests for refunds must be submitted via email to szuba@ahint.com by April 21, 2015 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 April 21, 2015 will not be honored. There are no refunds for ticketed or social events.

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 szuba@ahint.com by April 21, 2015.

We are not able to change your registration type after this date.

Letter 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."



ATC Night Out featuring ATC's Got Talent!

ATC Night Out will take place Tuesday evening, with a new twist. As in recent years, this will be a fun networking event at a 2-story pub right near the convention center, with snacks, drinking, and dancing to a live band; but this year, we have added an extra dimension of entertainment: ATC's Got Talent! You'll be shocked to see how much talent is hiding within our community, but don't worry, your colleagues will only be taking the stage during the band breaks.

ATC OnDemand

ATC On Demand is your online portal to educational information from a variety of sessions from the American Transplant Congress. This portal allows you to view Congress sessions virtually and includes speaker handouts, audio streaming presentations, MP3 downloadable files and so much more.

This is available to Annual Meeting Registrants only. A link will be sent by email approximately 2 months after the meeting to those that purchase this product. Customers can purchase any conference compilation after the event has concluded through our easy to use shopping cart, however, rates increase after the meeting.

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Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Transplant Surgeons and the American Society of Transplantation. The American Society of Transplant Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Transplant Coordinators

Category I Continuing Education Points for Transplant Coordinators (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).

Pharmacists

This activity is eligible for ACPE credit; details will be posted online in April 2015.

Nurses

Continuing nursing education credit available; details will be posted online in April 2015

Hotel and Travel Information

Make your hotel reservation by visiting 2015.atcmeeting.org.

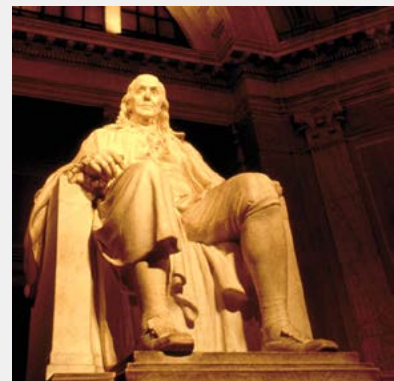
The hotel reservation deadline is April 1, 2015. The official ATC housing company is OnPeak.

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@crystaltravel.biz.

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



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Schedule at a Glance

SATURDAY, MAY 2

1:00 pm – 5:30 pm	Pre-Meeting Symposia (pg. 9)
5:30 pm – 7:30 pm	Opening Reception with Exhibits
5:30 pm – 7:30 pm	Poster Session A



SUNDAY, MAY 3

7:00 am – 8:15 am	Sunrise Symposia (pg. 15)
8:15 am – 8:30 am	Break
8:30 am – 9:45 am	Joint Plenary
9:45 am – 10:00 am	ASTS Lifetime Achievement Awards
10:00 am – 10:15 am	AST Lifetime Achievement Awards
10:15 am – 10:45 am	State-of-the-Art Speaker: John Lambris, PhD
10:45 am – 11:00 am	Break
11:00 am – 12:30 pm	Midday Symposia (pg. 17)
12:30 pm – 1:00 pm	Break
1:00 pm – 2:00 pm	Luncheon Workshops (pg. 21)
1:00 pm – 4:00 pm	Transplantation in Depth
2:00 pm – 2:15 pm	Break
2:15 pm – 3:45 pm	Concurrent Oral Abstract Sessions
2:15 pm – 5:00 pm	Specialty Symposia (pg. 22)
3:45 pm – 4:00 pm	Break
4:00 pm – 5:30 pm	Concurrent Oral Abstract Sessions
5:30 pm – 6:30 pm	Poster Session B

MONDAY, MAY 4

7:00 am – 8:15 am	Sunrise Symposia (pg. 24)
8:15 am – 8:30 am	Break
8:30 am – 9:30 am	Joint Plenary
9:30 am – 9:45 am	ASTS Awards
9:45 am – 10:15 am	ASTS Presidential Address
10:15 am – 10:45 am	State-of-the-Art Speaker: Atul Butte, PhD
10:45 am – 11:00 am	Break
11:00 am – 12:30 pm	Midday Symposia (pg. 26)
12:30 pm – 2:15 pm	Break
2:15 pm – 3:45 pm	Concurrent Oral Abstract Sessions
3:45 pm – 4:00 pm	Break
4:00 pm – 5:30 pm	Concurrent Oral Abstract Sessions
5:30 pm – 6:30 pm	Poster Session C
6:00 pm – 7:00 pm	ASTS Business Meeting

TUESDAY, MAY 5

7:00 am – 8:15 am	Sunrise Symposia (pg. 31)
8:15 am – 8:30 am	Break
8:30 am – 9:15 am	Joint Plenary
9:15 am – 9:30 am	AST Awards
9:30 am – 10:00 am	AST Presidential Address
10:15 am – 11:00 am	Controversies in Transplantation
11:00 am – 11:15 am	Break
11:15 am – 12:45 pm	Midday Symposia (pg. 34)
12:45 pm – 1:00 pm	Break
1:00 pm – 2:00 pm	Luncheon Workshops (pg. 36)
2:15 pm – 3:45 pm	Concurrent Oral Abstract Sessions
2:15 pm – 5:00 pm	Specialty Symposia (pg. 37)
3:45 pm – 4:00 pm	Break
4:00 pm – 5:30 pm	Concurrent Oral Abstract Sessions
5:30 pm – 6:30 pm	Poster Session D
6:00 pm – 7:00 pm	AST Town Hall
7:30 pm – 11:00 pm	ATC Night Out – Offsite

WEDNESDAY, MAY 6

7:00 am – 8:15 am	Sunrise Symposia (pg. 39)
8:15 am – 8:30 am	Break
8:30 am – 10:00 am	Joint Plenary
10:00 am – 10:15 am	Break
10:15 am – 11:30 am	Innovators in Transplantation
11:30 am – 12:30 pm	What's Hot, What's New





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Saturday, May 2, 2015

Pre-Meeting Symposia

ADVANCED IMMUNOLOGY UPDATES FOR BASIC AND CLINICAL SCIENTISTS

Moderators: Anita Chong, MD, University of Chicago, Chicago, IL, USA and Marisa Alegre, MD, PhD, University of Chicago, G. Knapp Center for Lupus & Immun. Research, Chicago, IL, USA

1:00 pm – 1:30 pm

Update on Innate Immunity in Transplantation

Paolo Cravedi, MD
Ichan School of Medicine at Mt. Sinai
New York, NY, USA

1:30 pm – 2:00 pm

Update on T Cell Development and Function

Leonardo Riella, MD, PhD
Brigham and Women's Hospital Harvard University
Boston, MA, USA

2:00 pm – 2:30 pm

Update on B Cell Development

Geetha Chalasni, MD
Thomas E. Starzl Transplant Institute
Pittsburgh, PA, USA

2:30 pm – 3:00 pm

Update on Tregs

Qhizi Tang, PhD
University of California San Francisco
San Francisco, CA, USA

3:00 pm – 3:15 pm

Coffee Break

3:15 pm – 3:45 pm

Update on Bregs

David Rothstein, MD
Thomas E Starzl Transplant Institute
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

3:45 pm – 4:15 pm

Update on T Cell Memory

Jonathan Maltzman, MD
University of Pennsylvania
Philadelphia, PA, USA

4:15 pm – 4:45 pm

Top 10 Immunology Papers of the Year

Marisa Alegre, MD, PhD
University of Chicago
G. Knapp Center for Lupus & Immun. Research
Chicago, IL, USA

and

Anita Chong, MD
University of Chicago
Chicago, IL, USA

BASIC IMMUNOLOGY AND TRANSPLANT IMMUNOLOGY FOR THE CLINICIAN

Moderators: Robert Gaston, MD, University of Alabama at Birmingham, Birmingham, AL, USA and Stefan Tullius, MD, PhD, Brigham & Womens Hospital, Harvard Medical School, Boston, MA, USA

1:00 pm – 1:30 pm

Overview – What Does an Immune Response Look Like, Start to Finish

Robert Fairchild, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

1:30 pm – 2:00 pm

Innate Immunity and Its Role in Graft Rejection

Andrew Gelman, PhD
Washington University
School of Medicine
St. Louis, MO, USA

2:00 pm – 2:30 pm

Development and Detection of Donor-Reactive T Cell Responses

Melissa Yeung, MD, FRCPC
Brigham & Women's Hospital/Harvard Medical School
Boston, MA, USA

2:30 pm – 3:00 pm

Cell Mediated Rejection: Effector Mechanisms in Graft Injury

Jonathan Bromberg, MD
University of Maryland
School of Medicine
Baltimore, MD, USA



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Saturday, May 2, 2015

3:00 pm – 3:15 pm	Coffee Break
3:15 pm – 3:45 pm	B Cells and Antibody Mediated Effector Mechanisms in Graft Injury William Baldwin, MD, PhD Cleveland Clinic Cleveland, OH, USA
3:45 pm – 4:15 pm	T Cell and B Cell Targeted Immunosuppression in Transplantation Roslyn Mannon, MD University of Alabama at Birmingham Birmingham, AL, USA
4:15 pm – 4:45 pm	Impact of Immunological Memory on Graft Outcome Andrew Adams, MD Emory University School of Medicine Atlanta, GA, USA
4:45 pm – 5:15 pm	Designing and Implementing Tolerance Strategies for Clinical Transplantation TBD

Medical Care of the Kidney Transplant Recipient

KEEPING THE KIDNEY RECIPIENT ALIVE

Moderators: Gabriel Danovitch, MD, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA and John Friedewald, MD, Northwestern University, Chicago, IL, USA

1:00 pm – 1:25 pm	Skin Cancer: Should Immunosuppression Be Altered? Germaine Wong, MBBS, PhD University of Sydney Medical School Sydney, Australia
1:25 pm – 1:50 pm	Metabolic Syndrome: Can This Be Prevented? Harini Chalkkera, MD, MPH Mayo Clinic Arizona Phoenix, AZ, USA

1:50 pm – 2:15 pm	New KDIGO Lipid Guidelines: Should These Be Applied to Our Transplant Patients? Christoph Wanner, MD University of Medicine Wuerzburg, Germany
2:15 pm – 2:40 pm	CMV: What is Optimal Treatment of CMV in 2015? Kevin Gregg, MD University of Michigan Ann Arbor, MI, USA
2:40 pm – 3:05 pm	Recurrent UTI: Is Surgical Management Preferred Over Medical Therapy? John Stoffel, MD University of Michigan School of Medicine Ann Arbor, MI, USA
3:05 pm – 3:15 pm	Coffee Break

KEEPING KIDNEY ALLOGRAFT ALIVE

Moderators: Joseph Kim, MD, PhD, Toronto General Hospital, Toronto, ON, Canada and Bertram Kasiske, MD, Hennepin County Medical Center, Minneapolis, MN, USA

3:15 pm – 3:45 pm	Chronic AMR: Should This Diagnosis Alter Therapy? Kathryn Tinckam, MD University Health Network Toronto, ON, Canada
3:45 pm – 4:15 pm	eGFR Measurement: Is This Really Better than Serum Creatinine for Assessing Renal Function? Andrew Rule, MD Mayo Clinic Rochester, MN, USA
4:15 pm – 4:45 pm	BK Virus Nephropathy: Are We Making Any Progress with Therapy? Parmjeet Randhawa, MD University of Pittsburgh Medical Center Pittsburgh, PA, USA

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Saturday, May 2, 2015

4:45 pm – 5:15 pm

Recurrent Glomerulonephritis: What Therapies Are Effective?

Christopher Blosser, MD
University of Washington
Seattle, WA, USA

Moving Forward in Quality and Outcomes: A Team Approach

SESSION ONE

Moderators: Marian O'Rourke, RN, CCTC, Jackson Memorial Hospital, Miami, FL, USA and Laura Stillion, MHA, FACHE, The Ohio State University Wexner Medical Center, Columbus, OH, USA

1:00 pm – 1:05 pm

Introductory Remarks

Marian O'Rourke, RN, CCTC
Jackson Memorial Hospital
Miami, FL, USA

1:05 pm – 1:45 pm

Transplantation, The First Government Takeover of Healthcare?

John Lake, MD
University of Minnesota Medical School
Minneapolis, MN, USA

1:45 pm – 2:30 pm

Developing an Effective QAPI Program

Jennie Perryman, RN, PhD
Emory University Hospital
Atlanta, GA, USA

2:30 pm – 3:30 pm

Managing and Analyzing Data

Jesse Schold, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

3:30 pm – 3:45 pm

Coffee Break

SESSION TWO

Moderators: Angelina Korsun, RN, MS, University of Iowa Hospital and Clinics, Iowa City, IA, USA and Betty Crandall, MS, RN, Wake Forest Baptist Medical Center Transplant, Winston-Salem, NC, USA

3:45 pm – 4:30 pm

Keeping Ahead of SRTR Program Specific Reports

Brigitte Sullivan, MBA
The Johns Hopkins Comprehensive Transplant Center
Baltimore, MD, USA

4:30 pm – 5:15 pm

More Than You Want to Know About CUSUM and Bayesian Models

Dorry Segev, MD, PhD
Johns Hopkins University
Department of Surgery
Baltimore, MD, USA

5:15 pm – 5:30 pm

Panel Discussion

5:30 pm

Closing Remarks

Current Challenges in HPB and Liver Transplant Surgery

1:00 pm – 1:05 pm

Introduction

William Chapman, MD
Washington University in St. Louis
St. Louis, MO, USA

STRATEGIES FOR MANAGEMENT OF HCC

Moderators: Chris Sonnenday, MD, MHS, University of Michigan, Ann Arbor, MI, USA and Majella Doyle, MD, Washington University, St. Louis, MO, USA

1:05 pm – 1:25 pm

Current Methods and Program Requirements for Downstaging: Does it Matter?

Francis Yao, MD
University of California San Francisco
San Francisco, CA, USA

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Saturday, May 2, 2015

1:25 pm – 1:45 pm

Resection vs. Transplantation for HCC

Alan Hemming, MD
University of California, San Diego
Department of Surgery
San Diego, CA, USA

4:20 pm – 4:40 pm

Liver Transplantation for Metastatic Neuroendocrine Cancer

Jan Lerut, MD, PhD
University Hospitals St. Luc
Brussels, Belgium

1:45 pm – 2:05 pm

Resection with Salvage Transplantation Should Be Our Preferred Approach for HCC

Myron Schwartz, MD
Ichan School of Medicine at Mt. Sinai
New York, NY, USA

4:40 pm – 5:00 pm

Case Presentations

2:05 pm – 2:30 pm

Liver Donor OLT for HCC Beyond Milan: What are the Limits?

Laura Kulik, MD
Northwestern University
Chicago, IL, USA

Exciting Updates in Transplant ID: Case-based Learning

PREPARING FOR TRANSPLANT/PERITRANSPLANT PERIOD

Moderators: Emily Blumberg, MD, Hospital of the University of Pennsylvania, Philadelphia, PA, USA and Angela Caliendo, MD, PhD, Brown University, Providence, RI, USA

2:30 pm – 3:00 pm

Case Presentations

3:00 pm – 3:20 pm

Coffee Break

1:00 pm – 1:20 pm

Crossing Muddy Waters: VAD Infections

Shirish Huprikar, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

CHOLANGIOCARCINOMA AND METASTATIC NEUROENDOCRINE CANCER – WHERE ARE WE IN 2015?

Moderators: Christopher Anderson, MD, University of Mississippi Medical Center, Jackson, MS, USA and Devin Eckhoff, MD, University of Alabama at Birmingham, Birmingham, AL, USA

1:20 pm – 1:40 pm

Lurking Red Snappers: Latent TB

Michelle Morris, MD
University of Miami Miller School of Medicine
Miami, FL, USA

3:20 pm – 3:40 pm

Liver Transplantation for Hilar Cholangiocarcinoma

Charles Rosen, MD
Mayo Clinic
Rochester, MN, USA

1:40 pm – 2:00 pm

Safely Expanding the Donor Pool

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

3:40 pm – 4:00 pm

Liver Resection for Hilar Cholangiocarcinoma

TBD

VIRUSES: THE ACHILLES HEEL AFTER TRANSPLANT

Moderators: Michelle Morris, MD, University of Miami Miller School of Medicine, Miami, FL, USA and Raymund Razonable, MD, Mayo Clinic College of Medicine, Rochester, MN, USA

4:00 pm – 4:20 pm

Management of Borderline Resectable Intrahepatic Cholangiocarcinoma

William Chapman, MD
Washington University in St. Louis
St. Louis, MO, USA

2:00 pm – 2:20 pm

Advances in CMV

Camille Kotton, MD
Massachusetts General Hospital
Infectious Diseases Division
Boston, MA, USA

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2:20 pm – 2:40 pm

Prevention and Treatment of PTLD

Michael Green, MD, MPH
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

2:40 pm – 3:00 pm

Crossing the HOPE Frontier: HIV and Transplantation

Emily Blumberg, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

3:00 pm – 3:20 pm

Less Famous Viruses: JC, Adenovirus, HHV6, Parvovirus

Raymund Razonable, MD
Mayo Clinic College of Medicine
Rochester, MN, USA

3:20 pm – 3:40 pm

Coffee Break

WHAT ENQUIRING MINDS WANT TO KNOW

Moderators: Daniel Kaul, MD, University of Michigan, Ann Arbor, MI, USA and Michael Green, MD, MPH, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA

3:40 pm – 4:00 pm

MDR Organisms, Antibiotic Stewardship and Infection Control

Lillian Abbo, MD
University of Miami Miller School of Medicine
Miami, FL, USA

4:00 pm – 4:20 pm

Antifungal Prophylaxis in SOT

Barbara Alexander, MD, MHS
Duke University
Durham, NC, USA

4:20 pm – 4:40 pm

Vaccination of the Adult Transplant Recipient

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

4:40 pm – 5:00 pm

Transplant ID Diagnostic Pearls Every Clinician Should Know

Angela Caliendo, MD, PhD
Brown University
Providence, RI, USA

ON YOUR TOES: RAPID FIRE CASES

5:00 pm – 5:30 pm

Rapid Fire Cases

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

Shirish Huprikar, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

Camille Kotton, MD
Massachusetts General Hospital
Infectious Diseases Division
Boston, MA, USA

Immune Monitoring in Thoracic Organ Transplantation

METHODS AND MECHANISMS

Moderators: Jeffrey Teuteberg, MD, University of Pittsburgh, Pittsburgh, PA, USA and Cynthia Gries, MD, MSc, University of Pittsburgh, Pittsburgh, PA, USA

1:00 pm – 1:30 pm

Mechanisms of Rejection in Solid Organ Transplantation

Stanley Jordan, MD
Cedars Sinai Medical Center
Los Angeles, CA, USA

1:30 pm – 2:00 pm

Blood Biomarkers for the Detection of Rejection in Transplant Recipients

Bruce McManus, MD
St. Paul's Hospital
Vancouver, BC, Canada

2:00 pm – 2:30 pm

Cellular and Molecular Mechanisms of Tolerance

James Allan, MD
Massachusetts General Hospital
Marblehead, MA, USA



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Saturday, May 2, 2015

2:30 pm – 3:00 pm

Significance of Circulating Antibodies in Immune Monitoring

Monica Colvin, MD, MS
University of Minnesota
Minneapolis, MN, USA

3:00 pm – 3:20 pm

Coffee Break

CLINICAL APPLICATIONS

Moderators: Howard Eisen, MD, Drexel University College of Medicine, Philadelphia, PA, USA and Ed Garrity, MD, The University of Chicago, Chicago, IL, USA

3:20 pm – 3:50 pm

Current Immune Monitoring in Heart Transplantation: Allomap, ImmuneKnow, Others (BNP, CRP, Troponin) – Advantages and Limitations

Jon Kobashigawa, MD
Cedars Sinai Heart Institute
Los Angeles, CA, USA

3:50 pm – 4:20 pm

Current Immune Monitoring in Lung Transplantation

Sangeeta Borade, MD
Northwestern Memorial Hospital
Chicago, IL, USA

4:20 pm – 4:50 pm

The Future is Now in Immune Monitoring after Heart Transplantation: The Clinical Use of Cell-Free DNA and mRNA

Michael Pham, MD, MPH
Stanford Health Care
Stanford, CA, USA

4:50 pm – 5:20 pm

The Future of Immune Monitoring in Lung Transplantation

TBD

Opening of Exhibits

5:30 pm – 7:30 pm

Poster Session A

5:30 pm – 7:30 pm



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Sunday, May 3, 2015

Sunrise Symposia 7:00 am – 8:15 am

ANTIBODY-MEDIATED REJECTION IN LIVER TRANSPLANTATION: WHAT WE KNOW AND WHERE WE'RE GOING

This session qualifies for MOC credits.

Moderators: M. Isabel Fiel, MD, Ichan School of Medicine at Mt. Sinai, New York, NY USA and Abraham Shaked, MD, The Hospital of the University of Pennsylvania, Philadelphia, PA, USA

7:00 am – 7:25 am	AMR: What We Know from Other Solid Organ Transplants Vinay Nair, DO Ichan School of Medicine at Mt. Sinai New York, NY, USA
7:25 am – 7:50 am	The Pathological Spectrum of AMR in Liver Transplantation: C4d and Beyond Anthony Jake Demetris, MD UPMC – Montefiore Pittsburgh, PA, USA
7:50 am – 8:15 am	Prevention and Treatment of AMR in Liver Transplantation Jacqueline O'Leary, MD Baylor University Medical School Dallas, TX, USA

BEST PRACTICES TO OPTIMIZE HEALTHCARE INFORMATION TECHNOLOGY IN TRANSPLANTATION: THE ELECTRONIC FUTURE OF TRANSPLANT IS NOW

Moderators: Travis Dick, PharmD, Intermountain Medical Center, North Salt Lake, UT, USA and Kathleen Giles, MS, RN, Yale New Haven Hospital, New Haven, CT, USA

7:00 am – 7:25 am	EMR Use of Standard Post-Transplant Order Sets: Operational Efforts to Ensure Best Clinical Practices Gregory Malat, PhD Hahnemann University Hospital Philadelphia, PA, USA
7:25 am – 7:50 am	Drug-Drug Interactions and Innovative Steps to Minimize Alert Fatigue Ruchi Tiwari, PharmD., MS Deloitte LLC Boyds, MD, USA
7:50 am – 8:15 am	Simplifying Transplant REMS Programs: The Promise of Information Technology Demetra Tsapepas, PharmD New York Presbyterian Hospital/ Columbia University New York, NY, USA

MECHANISMS OF IMMUNOREGULATION IN RESPONSE TO LIVER ALLOGRAFT

Moderators: Jerzy Kupiec-Weglinski, MD, PhD, University of California Los Angeles, Los Angeles, CA, USA and Neehar Parikh, MD, MS, University of Michigan, Ann Arbor, MI, USA

7:00 am – 7:25 am	Antigen-Presenting Cells in the Liver Angus Thomson, PhD, DS University of Pittsburgh School of Medicine Pittsburgh, PA, USA
7:25 am – 7:50 am	Immunoregulation by Liver Allografts Timucin Taner, MD, PhD Mayo Clinic Rochester, MN, USA



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7:50 am – 8:15 am

Biomarkers in Tolerant Liver Transplant Recipients

Alberto Sanchez-Fueyo, MD, PhD
Kings College London
London, United Kingdom

TRANSPLANTATION AND THE TEENAGER: OPENING PANDORA'S BOX

In collaboration with the International Pediatric Transplant Association (IPTA)

Moderators: Sandra Amaral, MD, MHS, Children's Hospital of Philadelphia, Philadelphia, PA, USA and Estella Alonso, MD, H. Lurie Children's Hospital of Chicago, Chicago, IL, USA

7:00 am – 7:25 am

What Are They Thinking? The Adolescent Brain and Risk Taking Behavior

Kristin Reikert, PhD
Johns Hopkins School of Medicine
Baltimore, MD, USA

7:25 am – 7:50 am

The Birds and the Bees: Puberty and Beyond

Aletha Akers, MD, MPH
The Children's Hospital of Philadelphia
Philadelphia, PA, USA

7:50 am – 8:15 am

For Better or Worse? PTSD and Other Mental Health Issues in Adolescent Transplant Recipients

Rachel Moore, PhD
Children's Mercy
Kansas City, MO, USA

PERFORMANCE ANXIETY: IMPROVING THE PERFORMANCE ASSESSMENT PROCESS

Moderators: Jon Snyder, PhD, Minneapolis Medical Research Foundation, Minneapolis, MN, USA and Joseph Kim, MD, PhD, Toronto General Hospital, Toronto, ON, Canada

7:00 am – 7:25 am

The Good, The Bad, The Needs: Current Prediction Methods Used in PSRs

Ajay Israni, MD
Hennepin County Medical Center
Minneapolis, MN, USA

7:25 am – 7:50 am

The OPTN Data Advisory Committee and New Variables that Adjust for Risk TBD

7:50 am – 8:15 am

Creating the Ideal Performance Evaluation

Jesse Schold, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

INFECTION, IMMUNITY AND THE MICROBIOME

Moderators: Robin Avery, MD, Johns Hopkins, Baltimore, MD, USA and Diana Florescu, MD, University of Nebraska Medical Center, Omaha, NE, USA

7:00 am – 7:25 am

Gut Microbiota, Immunity and the Allograft

Peter Mannon, MD
University of Alabama at Birmingham
Birmingham, AL, USA

7:25 am – 7:50 am

Enteric Viruses: Norovirus and Rotavirus

Michael Green, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

7:50 am – 8:15 am

Modern Therapy of Clostridium Difficile

Aneesh Mehta
Emory University School of Medicine
Atlanta, GA, USA

LUNG TRANSPLANTATION THE SECOND TIME AROUND – CONSIDERATIONS IN RE-DO LUNG TRANSPLANTATION

Moderators: Phillip Camp, MD, Brigham and Women's Hospital, Boston, MA, USA and TBD

7:00 am – 7:25 am

Patient Selection and Technical Pitfalls

Robert (Duane) Davis, MD, MBA
Duke University Medical Center
Durham, NC, USA

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7:25 am – 7:50 am

Should EVLP Treated Lungs or Other Extended Criteria Lungs be Offered to Patients for Re-do Lung Transplantation?

TBD

7:50 am – 8:15 am

Re-do Lung Transplantation: Are We Doing the Right Thing?

Christopher Wigfield, MD
The University of Chicago Medicine & Biological Science
Chicago, IL, USA

PRETRANSPLANT IMMUNOLOGICAL RISK ASSESSMENT FOR SUCCESSFUL TRANSPLANTATION OF SENSITIZED PATIENTS

Moderators: Howard Gebel, PhD, Emory University Hospital, Atlanta, GA, USA and Aji Djamali, MD, University of Wisconsin Madison, Madison, WI, USA

7:00 am – 7:25 am

Solid Phase Assays for HLA Antibody Detection: Panacea or Pandora

Robert Bray, PhD
Emory University Hospital
Atlanta, GA, USA

7:25 am – 7:50 am

Cell Based Assays for Assessing Immunologic Risk: What Role Should They Play?

Emilio Poggio, MD
Cleveland Clinic
Cleveland, OH, USA

7:50 am – 8:15 am

The Role of the Molecular Microscope: The Molecular Approach to the Sensitized Recipient

Enver Akalin, MD
Albert Einstein College of Medicine
Montefiore Medical Center Kidney Transplant
Bronx, NY, USA

Break

8:15 am – 8:30 am

Joint Plenary 8:30 am – 9:45 am

ASTS Awards

9:45 am – 10:00 am

AST Awards

10:00 am – 10:15 am

State-of-the-Art Presentation

10:15 am – 10:45 am

Complement: More Than a “Guard” Against Pathogens

John Lambris, PhD
University of Pennsylvania
Department of Pathology & Laboratory Medicine
Philadelphia, PA, USA

Coffee Break

10:45 am – 11:00 am

Midday Symposia

11:00 am – 12:30 pm

WHEN TRANSPLANTING A HEART IS NOT ENOUGH – THE ROLE OF DUAL ORGAN TRANSPLANTATION

Moderators: Teresa De Marco, MD, University of California San Francisco, San Francisco, CA, USA and Jon Kobashigawa, MD, Cedars Sinai Medical Center, Los Angeles, CA, USA

11:00 am – 11:10 am

Combined Heart/Kidney Transplantation

Allen Anderson, MD
Northwest Medicine
Chicago, IL, USA

11:10 am – 11:20 am

Kidney Transplant Surgical Response to Speaker

Yolanda Becker, MD
University of Chicago
Chicago, IL, USA

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11:20 am – 11:30 am **Combined Heart/Liver Transplantation**

Keyur Shah, MD
Virginia Commonwealth University
Richmond, VA, USA

11:30 am – 11:40 am **Liver Transplant Surgical Response to Speaker**

Adrian Cotterell, MD
Medical College of Virginia Hospitals
Richmond, VA, USA

11:40 am – 11:55 am **Combined Heart/Lung Transplantation**

Gosta Pettersson, MD, PhD
Cleveland Clinic
Shaker Heights, OH, USA

11:55 am – 12:00 pm **Q/A Discussion**

GENERIC TACROLIMUS: GOOD MEDICINE OR CHEAP FIX

Moderators: Daniel Brennan, MD, Washington University in St. Louis, Renal Division, St. Louis, MO, USA and Wenlei Jiang, PhD, Food and Drug Administration, Silver Spring, MD, USA

11:00 am – 11:30 am **Results of Brand, Generic H1 and Generic Lo Tacrolimus Pharmacokinetic Studies in Kidney and Liver Transplant Recipients**

Rita Alloway, PharmD
University of Cincinnati
College of Medicine
Cincinnati, OH, USA

11:30 am – 12:00 pm **State of the Art Tacrolimus Analytical Methodology Application to Tacrolimus Product and Bioequivalence Testing**

Uwe Christians, MD, PhD
iC42 Clinical Research and Development
University of Colorado
Aurora, CO, USA

12:00 pm – 12:30 pm **Evaluating the Impact of Pharmacogenetics on Tacrolimus Bioequivalence in Transplant Recipients**

Alexander Vinks, PharmD
Cincinnati Children's Hospital Medical Center
Cincinnati, OH, USA

LIVER ALLOCATION: STRENGTHS, PROBLEMS AND PITFALLS WITH CURRENT AND FUTURE ISSUES

Moderators: Susan Orloff, MD, Oregon Science Health University, Portland, OR, USA and David Foley, MD, University of Wisconsin, Madison, WI, USA

11:00 am – 11:30 am **Share 35: Pros and Cons after 36 Months after Implementation**

David Mulligan, MD
Yale University School of Medicine
New Haven, CT, USA

11:30 am – 12:00 pm **Redistricting of Liver Organs: Looking into the Crystal Ball**

Sommer Gentry, PhD
United States Naval Academy
Annapolis, MD, USA

12:00 pm – 12:30 pm **Redistricting of Liver Organs: Potential Problems and Pitfalls**

Michael Charlton, MD
Intermountain Medical Center
Murray, UT, USA

SHORT AND LONG NON-ENCODING RNA MEDIATED REGULATION OF IMMUNITY

Moderators: Olivia Martinez, PhD, Stanford University School of Medicine, Stanford, CA, USA and Alessandro Alessandrini, MD, Massachusetts General Hospital, Boston, MA, USA

11:00 am – 11:30 am **Non-Encoding RNA Regulation of Cell Physiology**

Harvey Lodish, PhD
Massachusetts Institute of Technology/
Whitehead Institute
Cambridge, MA, USA

11:30 am – 12:00 pm **Modulation of the Innate Immunity by Long Non-Encoding RNA**

Susan Carpenter, PhD
University of California San Francisco
San Francisco, CA, USA

12:00 pm – 12:30 pm **MicroRNAs in T Cell Differentiation and Function**

Sheri Krams, PhD
Stanford University School of Medicine
Stanford, CA, USA



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LIVING DONATION IS SAFE: FACT OR FICTION?

Moderators: Hassan Ibrahim, MD, University of Minnesota, Minneapolis, MN, USA; Lloyd Ratner, MD, MPH, Columbia University, New York NY, USA, Alan Leichtman, MD, University of Michigan, Ann Arbor, USA and Krista Lentine, MD, St. Louis University School of Medicine, St. Louis, MO, USA

11:00 am - 11:15 am

Risk of End-Stage Renal Disease Following Donation

Dorry Segev, MD, PhD
Johns Hopkins University
Department of Surgery
Baltimore, MD, USA

11:15 am - 11:20 am

Discussion

Led by Alan Leichtman, MD
University of Michigan
Ann Arbor, MI, USA

11:20 am - 11:35 am

Long-Term Risks for Kidney Donors

Hallvard Holdaas, MD, PhD
Rikshospitalet
Oslo, Norway

11:35 am - 11:40 am

Discussion

Led by Lloyd Ratner, MD, MPH
Columbia University
New York, NY, USA

11:40 am - 11:55 am

Mortality and Cardiovascular Disease among Older Live Kidney Donors

Peter Reese, MD, MS
University of Pennsylvania
Philadelphia, PA, USA

11:55 am - 12:00 pm

Discussion

Led by Hassan Ibrahim, MD
University of Minnesota HC
Minneapolis, MN, USA

12:00 pm - 12:15 pm

Medical Outcomes among Publicly and Privately Insured Living Donors

Amit Garg, MD
London Health Sciences Service Center
London, ON, Canada

12:15 pm - 12:20 pm

Discussion

Led by Krista Lentine, MD
St. Louis University School of Medicine
St. Louis, MO, USA

T REGULATORY CELLS

Moderators: Jonathan Maltzman, MD, University of Pennsylvania, Philadelphia, PA, USA and Sophie Brouard, PhD, University of Nantes-ITUN, Nantes, France

11:00 am - 11:30 am

Mouse and Human Treg Populations

Megan Levings, MD
University of British Columbia
Vancouver, BC, Canada

11:30 am - 12:00 pm

Microbial Metabolites Regulate Treg Homeostasis of the Colon

TBD

12:00 pm - 12:30 pm

Skin-Resident Tregs in Health and Disease

Laurence Turka, MD
Massachusetts General Hospital
Boston, MA, USA

KIDNEY TRANSPLANTATION IN THE ELDERLY

Moderators: Gabriel Danovitch, MD, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA and Jagbir Gill, University of British Columbia, Vancouver, BC, Canada

11:00 am - 11:30 am

Frailty - Novel Metric or Novelty?

Mara McAdams-DeMarco, MS, PhD
Johns Hopkins University
Baltimore, MD, USA

11:30 am - 12:00 pm

What is the Best Type of Allograft for the Elderly Candidate?

John Gill, MD
St. Paul's Hospital
Vancouver, BC, Canada

12:00 pm - 12:30 pm

Defining the Optimal Immunosuppressive Regimen for the Elderly Kidney Transplant Recipient

Dianne McKay, MD
University of California San Diego
La Jolla, CA, USA

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REGENERATIVE MEDICINE TECHNOLOGIES FOR NEW GENERATION BIOARTIFICIAL ENDOCRINE PANCREAS

Moderators: Antonello Pileggi, MD, PhD, University of Miami, Miller School of Medicine, Miami, FL, USA and Lorenzo Piemonti, MD, IRCCS San Raffaele Scientific Institute, Milan, Italy

11:00 am – 11:30 am

Clinical Programs of Stem Cell Therapy for Diabetes

Daniel Pipeleers, MD, PhD
Brussels Free University VUB
Brussels, Belgium

11:30 am – 12:00 pm

What Cells Shall We Use to Bioengineer a New Generation Bioartificial Pancreas?

Lorenzo Piemonti, MD
IRCCS San Raffaele Scientific Institute
Milan, Italy

12:00 pm – 12:30 pm

Cell Reprogramming for the Treatment of Diabetes

Juan Dominguez-Bendala, PhD
University of Miami
Diabetes Research Institute/Surgery
Miami, FL, USA

EMERGING INSIGHTS IN VIRAL INFECTIONS AND SOLID ORGAN TRANSPLANTATION

Moderators: Deepali Kumar, MD, MSc, University Health Network, Toronto, ON, Canada and Michael Green, MD, MPH, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA

11:00 am – 11:30 am

Novel Prevention of BK: Monitoring, Cellular Assays, and Quinolones Plus Other Combination Therapies

Gregory Knoll, MD
The Ottawa Hospital
Ottawa, ON, Canada

11:30 am – 12:00 pm

Outcomes in HIV-positive Kidney Transplant Patients Compared to HCV-infected or HIV/HCV co-infected Recipients

Deidre Sawinski, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

12:00 pm – 12:30 pm

Transfusion- Transmitted Viral Infections: Emerging Data in Transplant Recipients

Camille Kotton, MD
Massachusetts General Hospital
Boston, MA, USA

LONG-TERM RESULTS OF CLINICAL TOLERANCE – IN COMPARISON WITH CONVENTIONAL IMMUNOSUPPRESSION

Moderators: Steve Bartlett, MD, University of Maryland, Baltimore, MD, USA and Ali Naji, MD, PhD, University of Pennsylvania Hospital, Philadelphia, PA, USA

This session qualifies for MOC credits.

11:00 am – 11:30 am

Long-term Results of Renal Allograft Tolerance in HLA Identical Kidney Transplantation

John Scandling, MD
Stanford University Medical Center
Palo Alto, CA, USA

11:30 am – 12:00 pm

Long-term Results of Allograft Tolerance with Stable Full Donor Chimerism in HLA Mismatched Kidney Transplantation

Joseph Leventhal, MD, PhD
Northwestern University Medical School
Chicago, IL, USA

12:00 pm – 12:30 pm

Long-term Results of Renal Allograft Tolerance after Induction of Transient Chimerism

Tatsuo Kawai, MD, PhD
Massachusetts General Hospital
Boston, MA, USA

MY TOUGHEST #\$\$^&! CASE: TECHNICAL CHALLENGES IN KIDNEY TRANSPLANTATION

Moderators: Andrew Singer, MD, PhD, Mayo Clinic, Phoenix, AZ, USA and Adam Bingaman, MD, Methodist Specialty and Transplant Hospital, San Antonio, TX, USA

11:00 am – 11:20 am

A Heinous Happening at Hopkins

Robert Montgomery, MD, D.Phil.
Johns Hopkins University School of Medicine
Baltimore, MD, USA

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11:20 am – 11:40 am

THE Disaster at THE Ohio State University

Mitchell Henry, MD
Ohio State University
Columbus, OH, USA

11:40 am – 12:00 pm

Michigan Maelstrom

John Magee, MD
University of Michigan Health System
Ann Arbor, MI, USA

12:00 pm – 12:20 pm

Calamity in the Carolinas

Kenneth Chavin, MD, PhD
Medical University of South Carolina
Charleston, SC, USA

Break

12:30 pm – 1:00 pm

Luncheon Workshops*

1:00 pm – 2:00 pm

ADVANCING PHARMACIST/PHYSICIAN COLLABORATIVE PRACTICE AGREEMENTS IN TRANSPLANTATION

Eric Tichy, PharmD, BCPS, FCCP, Yale New Haven Hospital, New Haven, CT, USA and Nicole Pilch, PharmD, Medical University of South Carolina, Charleston, SC, USA

IS THE EMERGENCE OF AUTOIMMUNITY IN TRANSPLANT RECIPIENTS AN IMMEDIATE CAUSE OF ALLOGRAFT INJURY OR A SEQUELAE TO GRANT REJECTION?

William Burlingham, PhD, University of Wisconsin, Madison, WI, USA and Thalachallour Mohanakumar, PhD, Washington University School of Medicine, St. Louis, MO, USA

PRACTICAL APPROACH TO INTEGRATING CLINICAL AND PATHOLOGICAL FINDINGS IN AMR: WHAT TO DO WITH THE BIOPSY FINDINGS

Cynthia Drachenberg, MD, University of Maryland, Baltimore, MD, USA and Fernando Cosio, MD, Mayo Clinic, Rochester, MN, USA

TOTAL PANCREATECTOMY AND ISLET AUTOTRANSPLANTATION

Martin Wijkstrom, MD, University of Pittsburgh, Pittsburgh, PA, USA, Ty Dunn, MD, MS, University of Minnesota, Minneapolis, MN, USA and Balamurugan Appakalai, PhD, Cardiovascular Innovation Institute, Louisville, KY, USA

NEONATAL DONATION: EXPANDING OPTIONS FOR DONOR FAMILIES THROUGH TRANSPLANT AND MEDICAL RESEARCH

Gina Dunn-Smith, International Institute for Advancement of Medicine, Edison, NJ, USA and TBD

** Ticketed event with separate registration fee. Limited attendance.*

Transplantation in Depth 1:00 pm – 4:00 pm

THE IMPACT OF INFECTION AND TRAUMA ON THE IMMUNE SYSTEM

Moderators: Heth Turnquist, PhD, University of Pittsburgh, Thomas E Starzl Transplant Institute, Pittsburgh, PA, USA and Daniel Goldstein, MD, Yale University, Woodbridge, CT, USA

1:00 pm – 1:30 pm

Mechanisms of Virus-Host Gene Interaction in Chronic Inflammatory Diseases

TBD

1:30 pm – 2:00 pm

Epithelial Cytokines and Danger Signals Shape Outcomes after Trauma

Tim Billiar, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

2:00 pm – 2:30 pm

Inflammatory Triggers of Lung Graft Rejection

Daniel Kreisel, MD
Washington University St. Louis
St. Louis, MO, USA

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2:30 pm – 3:00 pm

Viral Induced Heterologous Alloimmunity

Mandy Ford, PhD
Emory University
Atlanta, GA, USA

2:45 pm – 3:15 pm

Clinical Strategies to Prevent New Onset Diabetes after Transplant (NODAT)

Kevin Carney, MSN, CRNP
University of Pennsylvania
Philadelphia, PA, USA

3:00 pm – 3:30 pm

The Impact of Necroptosis in Tissue Inflammation

Anthony Jevnikar, MD
London Health Sciences Center
London, ON, Canada

3:15 pm – 3:45 pm

Management Strategies for Chronic Infections: Norovirus, Rotavirus and Clostridium Difficile

Daryle Blackstock, PA-C, MPH, CCTC
New York Presbyterian Hospital
Columbia University
New York, NY, USA

3:30 pm – 4:00 pm

The Impact of Tissue Inflammation on Treg Function

TBD

3:45 pm – 4:00 pm

Break

Break

2:00 pm – 2:15 pm

4:00 pm – 4:30 pm

Dermatology for the Transplant Recipient: Risks, Monitoring and Treatment Strategies

June Robinson, MD
Northwestern University
Chicago, IL, USA

**Concurrent Oral
Abstract Sessions
2:15 pm – 3:45 pm**

4:30 pm – 5:00 pm

Obesity and Transplant

Mary Ellen Olbrisch, PhD
Virginia Commonwealth University
Richmond, VA, USA

**Student Program
2:15 – 5:00 pm**

5:00 pm – 5:30 pm

The Challenges of Retransplantation in the Sensitized Patient: How to Best Prepare

Heidi Schaefer, MD
Vanderbilt University
Nashville, TN, USA

Allied Health Symposium

SHARPENING YOUR SKILLS: PRACTICE UPDATES FOR THE ALLIED HEALTH PROVIDER

Moderators: Michael Bucci, PA, University of Florida, Gainesville, FL, USA and Deonna Moore, ACNP, Vanderbilt University Medical Center, Nashville, TN, USA

2:15 pm – 2:45 pm

Managing Immunosuppression to Minimize Risk

Eric Tichy, PharmD, BCPS, FCCP
Yale New Haven Hospital
New Haven, CT, USA



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Pediatric Symposium

UPDATE ON MANAGEMENT OF RARE DISEASES

Cystinosis and Oxalosis!!! What is New and Novel in Therapy?

Moderators: Amira Al-Uzri, MD, Oregon Health and Sciences University, Portland, OR, USA and Nada Yazigi, MD, Medstar Transplant Institute, Washington, DC, USA

2:15 pm – 2:45 pm

New Therapies on the Horizon: Gene Modified Auto Stem Cell Transplantation

Stephanie Cherqui, PhD
University of California San Diego
LaJolla, CA, USA

2:45 pm – 3:15 pm

Can Transplantation be avoided? Update on Therapy for Cystinosis

William Gahl, MD, PhD
National Institutes of Health
Bethesda, MD, USA

3:15 pm – 3:45 pm

Genetics and Medical Management of Primary Hyperoxaluria

Dawn Milliner, MD
Mayo Clinic
Rochester, MN, USA

3:45 pm – 4:00 pm

Coffee Break

WHAT IS THE ROLE OF TRANSPLANTATION IN RARE SYSTEMIC METABOLIC DISEASES IN CHILDREN?

Moderators: Walter Andrews, MD, Children's Mercy Hospital, Kansas City, MO, USA and Kathleen Campbell, MD, Cincinnati Children's Hospital, Cincinnati, OH, USA

4:00 pm – 4:30 pm

Primary Hyperoxaluria

George Mazariegos, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

4:30 pm – 5:00 pm

Propionic and Methylmalonic Acidemia

Charles Venditti, MD, PhD
National Institutes of Health
Bethesda, MD, USA

5:00 pm – 5:30 pm

MSUD and Urea Cycle Disorders

TBD

Coffee Break

3:45 pm – 4:00 pm

Concurrent Oral Abstract Sessions

4:00 pm – 5:30 pm

Poster Session B

5:30 pm – 6:30 pm



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Monday, May 4, 2015

Sunrise Symposia 7:00 am – 8:15 am

ALCOHOL ABUSE AND LIVER TRANSPLANTATION: OUTCOMES, TREATMENT AND ETHICAL CONSIDERATIONS

Moderators: Zeeshan Butt, PhD, Northwestern University Feinberg School of Medicine, Chicago, IL, USA and Sheila Jowsey-Gregoire, MD, Mayo Clinic, Rochester, MN, USA

7:00 am – 7:25 am

Assessment and Treatment of Alcoholism in Liver Transplant Candidates

Andrea DiMartini, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

7:25 am – 7:50 am

Clinical Outcomes of Liver Transplantation for Alcoholic Liver Disease

TBD

7:50 am – 8:15 am

Ethical Considerations Related to Liver Transplantation for Alcoholics

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

ANTIBODIES IN THORACIC TRANSPLANTATION – SHEDDING NEW LIGHT ON THE SUBJECT

Moderators: Elaine Reed, PhD, University of California Los Angeles, Los Angeles, CA, USA and Adriana Zeevi, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

7:00 am – 7:25 am

Why Do Antibodies Occur?

Anat Tambur, DMB, PhD
Northwestern University
Chicago, IL, USA

7:25 am – 7:50 am

How Are Antibodies Measured, Quantified and Defined to be Clinically Relevant (or not)?

Kathryn Tinckam, MD
University Health Network
Toronto, ON, Canada

7:50 am – 8:15 am

Current and Developing Treatment Approaches to AMRS in Thoracic Transplantation

Christopher Ensor, PharmD
University of Pittsburgh
Pittsburgh, PA, USA

MANAGING THE KIDNEY WAITLIST

Moderators: Ajay Israni, MD, Hennepin County Medical Center, Minneapolis, MN, USA and John Gill, MD, MS University of British Columbia, Vancouver, BC, Canada

7:00 am – 7:25 am

New Kidney Allocation System: How will it Affect Current Waitlist Management?

John Friedewald, MD
Northwestern University
Chicago, IL, USA

7:25 am – 7:50 am

Kidney Waitlist: Should we be Routinely Re-Assessing Transplant Candidates?

Peter Reese, MD
University of Pennsylvania
Philadelphia, PA, USA

7:50 am – 8:15 am

Death on the Waitlist: Can We Improve Survival While Patients Wait for Transplant?

Panduranga Rao, MD
University of Michigan Health System
Ann Arbor, MI, USA

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STEM CELL MODIFICATION AND CELLULAR REPROGRAMMING STRATEGIES

Moderators: Jason Wertheim, MD, PhD, Northwestern University, Chicago, IL, USA

7:00 am – 7:25 am

In Vivo Development of Induced Pluripotent Stem Cells to Create Chimeric Liver Tissue

Holger Willenbring, MD
University of California San Francisco
San Francisco, CA, USA

7:25 am – 7:50 am

Blotocyst Complementation to Develop Chimeric Abdominal Organs

Juan Carlos Izpisua Belmonte, PhD
The Salk Institute for Biological Studies
La Jolla, CA, USA

7:50 am – 8:15 am

Reprogramming the Immune System Using CAR T Cells to Treat Leukemia

TBD

TRANSPLANTATION OF ORGANS FROM HIV-INFECTED DONORS - HOPE PUT INTO PRACTICE

Moderators: Matthew Kuehnert, MD, Centers for Disease Control and Prevention, Atlanta, GA, USA and Timothy Pruett, MD, University of Minnesota, Minneapolis, MN, USA

7:00 am – 7:25 am

HOPE: The Viral Frontier

Christine Durand, MD
Johns Hopkins University School of Medicine
Baltimore, MD, USA

7:25 am – 7:50 am

Seven Years of Experience with HIV+ to HIV+ Organ Transplantation

Elmi Muller, MD
Groote Schuur Hospital
Cape Town, South Africa

7:50 am – 8:15 am

Research Criteria and Implementation of the HOPE Act: Progress to Date

Jonah Odum, MD, PhD
National Institute of Allergy and Infectious Disease (NIAID)
National Institutes of Health (NIH)
Rockville, MD, USA

STATE-OF-THE-ART ISSUES IN INTESTINAL FAILURE

Moderators: Kareem Abu El Magd, MD, Cleveland Clinic, Cleveland, OH, USA and Douglas Farmer, MD, Ronald Reagan UCLA Medical Center, Los Angeles, CA, USA

7:00 am – 7:25 am

Donor Specific Antibodies in Intestinal Transplantation - What Do They Really Mean and What to Do About Them?

Cal Matsumoto, MD
Georgetown University Hospital
Washington, DC, USA

7:25 am – 7:50 am

Enteroplasties in Short Bowel Syndrome - Beneficial or Folly?

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

7:50 am – 8:15 am

Are Indications for Intestine Transplant in Adults Changing and Should They?

Thiago Beduschi, MD
University of Miami
Miami, FL, USA

TRANSPLANTATION IN THE ERA OF VALUE-BASED CARE

Moderators: Andrea Tietjen, MBA, St. Barnabas Medical Center, Livingston, NJ, USA and Michael Abecassis, MD, MBA, Northwestern University, Chicago, IL, USA

7:00 am – 7:25 am

Describing Value in Transplant Care

George Mazariegos, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

7:25 am – 7:50 am

Strategizing for Value in Transplant Care

Jon Friedman, MD
Optum
Cypress, CA, USA

7:50 am – 8:15 am

Delivering Value in Transplant Care

Michael Englesbe, MD
University of Michigan
Ann Arbor, MI, USA



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Break

8:15 am – 8:30 am

Joint Plenary

8:30 am – 9:30 am

ASTS Awards

9:30 am – 9:45 am

ASTS Presidential Address

9:45 am – 10:15 am

State-of-the-Art Presentation

10:15 am – 10:45 am

Transforming Trillions of Points of Data from Studies and Trials into New Drugs and Diagnostics

Atul Butte, MD, PhD
Stanford University
Stanford, CA, USA

Coffee Break

10:45 am – 11:00 am

Midday Symposia

11:00 am – 12:30 pm

ACHIEVING HCV ERADICATION IN ALL TRANSPLANT RECIPIENTS

Moderators: James Burton, MD, University of Colorado, Aurora, CO, USA and Josh Levitsky, MD, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

11:00 am – 11:30 am

Pre-and Peri-Transplant HCV Therapy: How to Safely Navigate HCV Eradication in Decompensated Cirrhosis

Norah Terrault, MD, MPH
University of California San Francisco
San Francisco, CA, USA

11:30 am – 12:00 pm

Post-Transplant HCV Therapy: Optimal Timing, Duration and Agents

Marina Berenguer, MD
La Fe Hospital
Valencia, Spain

12:00 pm – 12:30 pm

HCV Therapy in Waitlisted and Transplanted Non-Liver Recipients

Kimberly Brown, MD
Henry Ford Hospital
Detroit, MI, USA

KIDNEY ANTIBODY-MEDIATED REJECTION

Moderators: Jayme Locke, MD, MPH, University of Alabama at Birmingham, Birmingham, AL, USA and Eric Huang, MD, University of Michigan, Ann Arbor, MI, USA

11:00 am – 11:30 am

AMR: Update on Diagnostic Criteria

Lorraine Racusen, MD, FASN
Johns Hopkins University School of Medicine
Baltimore, MD, USA

11:30 am – 12:00 pm

The High-Risk Patient: Does Monitoring AMR Improve Outcomes?

Peter Nickerson, MD
University of Manitoba
Winnipeg, MB, Canada

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12:00 pm – 12:30 pm

AMR: Update on Treatment Strategies

Steven Chadban, MD
Royal Prince Alfred Hospital/University
of Sydney
Clontarf, Australia

12:00 pm – 12:30 pm

The Use of Extended Criteria Donor Hearts for Transplantation

Abbas Ardehali, MD
University of California Medical Center
Los Angeles, CA, USA

AUTOIMMUNITY DURING ALLOGRAFT REJECTION

Moderators: Anthony Jevnikar, MD, London Health Sciences
Center, London, United Kingdom and Thalachallour
Mohanakumar, PhD, Washington University School of Medicine, St.
Louis, MO, USA

NEW INSIGHTS INTO MEMORY T CELL BIOLOGY

Moderators: Agnes Azimzadeh, PhD, University of Maryland
School of Medicine, Baltimore, MD, USA and TBD

11:00 am – 11:30 am

Cell Death Dysregulation: A Central Trigger of Autoimmunity in Transplantation

Marie Josee Hebert, MD
CHUM Hospital Notre Dame
Montreal, QC, Canada

11:00 am – 11:30 am

Regulation of Memory CD8 T Cell Development

John Wherry, PhD
University of Pennsylvania
Philadelphia, PA, USA

11:30 am – 12:00 pm

Autoimmune-Mediated Injury in Lung Transplantation

David Wilkes, MD
Indiana University School of Medicine
Indianapolis, IN, USA

11:30 am – 12:00 pm

Tissue-Resident Memory T Cells

Steve Jameson, PhD
University of Minnesota
Minneapolis, MN, USA

12:00 pm – 12:30 pm

Anti-Endothelial Antibodies

Elaine Reed, PhD
University of California Los Angeles
Los Angeles, CA, USA

12:00 pm – 12:30 pm

Human Memory T Cell Populations

Donna Farber, PhD
Columbia University Medical Center
Columbia Center for Translational
Immunology
New York, NY, USA

OPTIMIZING DONOR HEART AVAILABILITY FOR TRANSPLANTATION

Moderators: Tom Mone, MS, One Legacy, Los Angeles, CA, USA
and David Nelson, MD, INTEGRIS Baptist Medical Center of
Oklahoma, Oklahoma City, OK, USA

CHALLENGES IN IMPLEMENTING KIDNEY PAIRED DONATION

Moderators: Mark Aeder, MD, University Hospitals Case Medical
Center, CWRU, Cleveland, OH, USA and Sommer Gentry, PhD,
United States Naval Academy, Annapolis, MD, USA

11:00 am – 11:30 am

Donor Management and The Use of Hypothermia in Organ Procurement

Darren Malinoski, MD
Portland VA Medical Center
Portland, OR, USA

11:00 am – 11:15 am

UNOS

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

11:30 am – 12:00 pm

The Heart in the Box

Fardad Esmailian, MD
Cedars Sinai Medical Institute
Los Angeles, CA, USA

11:15 am – 11:30 am

National Kidney Registry

Jeffrey Veale, MD
University of California Los Angeles
Los Angeles, CA, USA



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11:30 am – 11:45 am

Alliance for Paired Donation

Michael Rees, MD, MPH
University of Toledo Medical Center
Toledo, OH, USA

11:45 am -12:00 pm

Johns Hopkins

Janet Hiller, RN, MSN
Johns Hopkins Hospital
Baltimore, MD, USA

12:00 pm – 12:15 pm

San Antonio

Adam Bingaman, MD
Methodist Specialty and Transplant
Institute
San Antonio, TX, USA

12:15 pm – 12:30 pm

Netherlands

Marry De Klerk
Erasmus Medical Center
Rotterdam, The Netherlands

VASCULARIZED COMPOSITE ALLOTRANSPLANTATION UPDATE: IMMUNOSUPPRESSION, IMMUNE MONITORING AND IMPLEMENTATION

Moderators: Michael Marvin, MD, Jewish Hospital, Louisville, KY, USA and Marlon Levy, MD, FACS, Baylor All Saints Medical Center, Fort Worth, TX, USA

11:00 am – 11:30 am

Biomarkers and Immune Monitoring in VCA

Rolf Barth, MD
University of Maryland
School of Medicine
Baltimore, MD, USA

11:30 am – 12:00 pm

Implementation of the VCA Final Rule

Marlon Levy, MD, FACS
Baylor All Saints Medical Center
Fort Worth, TX, USA

12:00 pm -12:30 pm

Immunomodulation in VCA

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

KIDNEY BIOENGINEERING AND REGENERATION: STATE-OF-THE-ART

Moderators: Jason Wertheim, MD, PhD, Northwestern University, Chicago, IL, USA and Laura Perin, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA, USA

11:00 am – 11:30 am

Renal Progenitor Cells for Renal Regeneration

Benjamin Dekel, MD, PhD
Sheba Medical Center/Tel Aviv
University
Tel Hasomer, Israel

11:30 am – 12:00 pm

Discarded Kidneys as Platform for Kidney Bioengineering and Regeneration

Giuseppe Orlando, MD, PhD
Wake Forest University Baptist Medical
Center
Winston Salem, NC, USA

12:00 pm – 12:30 pm

Kidney Reprogramming

TBD

STATE-OF-THE-ART CMV PREVENTION AND THERAPY

Moderators: Andre Kalil, MD, University of Nebraska Medical Center, Omaha, NE, USA and Shirish Huprikar, MD, Ichan School of Medicine at Mt. Sinai, New York, NY, USA

11:00 am – 11:30 am

Thresholds for Therapy – Viral Load

Raymund Razonable, MD
Mayo Clinic College of Medicine
Rochester, MN, USA

11:30 am – 12:00 pm

Beyond Status Quo: Novel Therapies for CMV

Atul Humar, MD, MSC
Toronto General Hospital
Toronto, OH, USA

12:00 pm – 12:30 pm

Novel Immune Diagnostics: Are We There Yet?

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



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LIVER TRANSPLANTATION PLUMBING: CLOGS, CLOTS AND LEAKS

Moderators: Goran Klintmalm, MD, Baylor University Medical School, Dallas, TX, USA and Jean Emond, MD, Columbia University Medical Center, New York, NY, USA

11:00 am – 11:30 am

Managing Diffuse Portomesenteric Thrombosis – Liver Transplant Techniques versus Multivisceral Transplant

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

11:30 am – 12:00 pm

Management of Hepatic Artery Thrombosis: Timing is of the Essence

Joseph Tector, MD, PhD
Indiana University School of Medicine
Indianapolis, IN, USA

12:00 pm – 12:30 pm

Management of Difficult Biliary Complications both Early and Late after Liver Transplantation

Greg McKenna, MD, FACS
Baylor Simmons Transplant Institute
Dallas, TX, USA

Break

12:30 pm – 2:15 pm

Satellite Symposia

12:45 pm – 2:00 pm

Concurrent Oral Abstract Sessions

2:15 pm – 3:45 pm

Coffee Break

3:45 pm – 4:00 pm

Allied Health/ Pediatric Symposium

WHY DON'T THEY DO WHAT WE SAY? ADHERENCE AND SELF-CARE IN PEDIATRIC TRANSPLANT RECIPIENTS

It's Not My Fault! Understanding Barriers to Adherence and Self-care in Pediatric Transplant Recipients

Moderators: Nancy Halnon, MD, Mattel UCLA Children's Hospital, Los Angeles, CA, USA and Cozumel Pruette, MD, MHS, Johns Hopkins University, Baltimore, MD, USA

2:15 pm – 2:45 pm

The Developing Mind: Neurocognitive Barriers to Adherence/Self-care in Pediatric Patients

Eyal Shemesh, MD
Ichan School of Medicine at Mount Sinai
New York, NY, USA

2:45 pm – 3:15 pm

Moving Target: Psychosocial Influences on Adherence and Self-care in Pediatric Transplantation

Debra Lefkowitz, PsyD
Children's Hospital of Pennsylvania
Philadelphia, PA, USA

3:15 pm – 3:45 pm

Did They Hear What I Said? Organizational Health Literacy and Self-care

Kerri Cavanaugh, MD
Vanderbilt University School of Medicine
Nashville, TN, USA



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WHAT CAN WE DO? TOOLS TO OPTIMIZE SELF-CARE AND ADHERENCE

Moderators: Paul Volek, MPH, University of Cincinnati Medical Center, Cincinnati, OH, USA and Sandra Amaral, MD, MHS, Children's Hospital of Philadelphia, Philadelphia, PA, USA

4:00 pm – 4:30 pm

Are They Ready? Tools to Measure Self-management/Transition Preparedness

Maria Ferris, MD, MPH, PhD
University of North Carolina
Medicine and Pediatrics
Chapel Hill, NC, USA

4:30 pm – 5:00 pm

Peer Pressure: Using Peer Mentors to Optimize Adherence and Self-care in Adolescent Transplantation

Rachel Annunziato, PhD
Fordham University
Bronx, NY, USA

5:00 pm – 5:30 pm

Straight Talk: Health-literacy Sensitive Communication Tools for Pediatric Patients and their Careproviders

TBD

Concurrent Oral Abstract Sessions

4:00 pm – 5:30 pm

Poster Session C

5:30 pm – 6:30 pm

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Sunrise Symposia 7:00 am – 8:15 am

RISKY BUSINESS? ACCEPTING ORGANS FROM DONORS WITH HIGH RISK BEHAVIOR

Moderators: Deepali Kumar, MD, University Health Network, Toronto, ON, Canada and Devin Eckhoff, MD, University of Alabama at Birmingham, Birmingham, AL, USA

7:00 am – 7:25 am

Is All High Risk Behavior High Risk?

Michael Ison, MD, MS
Northwestern University
Chicago, IL, USA

7:25 am – 7:50 am

High Risk Donors: Choosing the Right Recipient

Jayne Locke, MD
University of Alabama at Birmingham
Birmingham, AL, USA

7:50 am – 8:15 am

Consenting Recipients of High Risk Donors and Post Operative Monitoring

Emily Blumberg, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

TRANSITIONING ADOLESCENT TO ADULT CARE: IT'S TIME TO MOVE!

Moderators: Deborah Adey, MD, University of California Davis, Sacramento, CA, USA and Debb Andersen, RN, BSN, UNMC, Department of Surgery/Transplant, Omaha, NE, USA

7:00 am – 7:25 am

Getting Ready: The Use of Transition Tools to Start Your Program

Stacey Lerrett, PhD, CPNP
Children's Hospital of Wisconsin/
University of Wisconsin
Milwaukee, WI, USA

7:25 am – 7:50 am

Crossing the Abyss: Strategies to Improve Collaboration Between Pediatric and Adult Providers to Optimize Care and Outcomes During Transfer

Sandra Amaral, MD, MHS
The Children's Hospital of Philadelphia
Division of Nephrology
Philadelphia, PA, USA

7:50 am – 8:15 am

Sustaining Care: The Commitment of Infra-Structure to Support Transition

Paul Volek, MPH
University of Cincinnati Medical Center
Cincinnati, OH, USA

MICROBIOTA (COLON) A NEW BUG IN TRANSPLANTATION

Moderators: Jay Fishman, MD, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA and Lara Danziger-Isakov, MD, MPH, Cincinnati Children's Hospital Medical Center, Division of Infectious Diseases, Cincinnati, OH, USA

7:00 am – 7:25 am

The Microbiota and Autoimmunity

TBD

7:25 am – 7:50 am

The Microbiome Influence in Graft Rejection

Marisa Alegre, MD, PhD
University of Chicago
G. Knapp Center for Lupus & Immun. Research
Chicago, IL, USA

7:50 am – 8:15 am

The Microbiome Following Clinical Renal Transplantation

Jonathan Bromberg, MD
University of Maryland School of Medicine
Baltimore, MD, USA

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BEST PRACTICES IN LIVE KIDNEY DONATION

Moderators: Dianne LaPointe Rudow, ANP-BC, DNP, CCTC, Recanti Miller Transplantation Institute, New York, NY, USA and Rebecca Hays, MSW, University of Wisconsin Hospital, Madison, WI, USA

7:00 am – 7:25 am

Improving Education for Transplant Candidates about Living Donation

Amy Waterman, PhD
University of California Los Angeles
Los Angeles, CA, USA

7:25 am – 7:50 am

Improving Live Donor Education and Efficiencies of Evaluation

Matthew Cooper, MD
Medstar Georgetown Transplant Institute
Washington, DC, USA

7:50 am – 8:15 am

Overcoming Disparities and Reducing Economic Barriers to Live Kidney Donation

Jim Rodrigue, PhD
Beth Israel Deaconess Medical Center
Boston, MA, USA

TECHNICAL PERSPECTIVES IN DCD LIVER TRANSPLANTATION

Moderators: Seth Karp, MD, Vanderbilt University School of Medicine, Nashville, TN, USA and David Axelrod, MD, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

7:00 am – 7:25 am

Do DCD Liver Transplant in the United States Cause Distributive Good or Harm?

Anton Skaro, MD, PhD
Northwestern Memorial Hospital
Chicago, IL, USA

7:25 am – 7:50 am

Managing Bile Ducts in DCD Livers – Is There a Strategy to Maximize Success?

Charles Rosen, MD
Mayo Clinic
Rochester, MN, USA

7:50 am – 8:15 am

Is There Hope for the Future Using DCD Livers in the US? Research Priorities

Peter Abt, MD
University of the Hospital of Pennsylvania
Philadelphia, PA, USA

HLA EPITOPE MATCHING: IS IT READY FOR PRIME TIME?

Moderators: Howard Gebel, PhD, Emory University Hospital, Atlanta, GA, USA and Kathryn Tinckam, MD, MMSc, University Health Network, Toronto, ON, Canada TBD

7:00 am – 7:25 am

Understanding Permissible Mismatches

Frans Claas, PhD
Leiden University Medical Center
Leiden, The Netherlands

7:25 am – 7:50 am

Assessing Immunological Risk Post Transplantation by Quantifying Epitope Mismatches

Peter Nickerson, MD
University of Manitoba
Winnipeg, MB, Canada

7:50 am – 8:15 am

Epitope Matching/Mismatching and Alloreactivity: Pros and Cons of this Approach

Anat Tambur, DMB, PhD
Northwestern University
Chicago, IL, USA

PROGRESS IN ISLET TRANSPLANTATION

Moderators: Nicole Turgeon, MD, Emory University, Atlanta, GA, USA and Luis Fernandez, MD, University of Wisconsin, Madison, WI, USA

7:00 am – 7:25 am

Current Islet Transplant Outcomes and Status of Clinical Trials

Thierry Berney, MD
Geneva University Hospital
Geneva, Switzerland

7:25 am – 7:50 am

Strategies to Improve Islet Yield

Luis Fernandez, MD
University of Wisconsin
Madison, WI, USA

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7:50 am – 8:15 am

Show Me the Money – Challenges for Funding Islet Transplantation

Bernhard Hering, MD
University of Minnesota
Minneapolis, MN, USA

Joint Plenary

8:30 am – 9:15 am

AST Awards

9:15 am – 9:30 am

AST Presidential Address

9:30 am – 10:00 am

Coffee Break

10:00 am – 10:15 am

Controversies in Transplantation

10:15 am – 11:00 am

DO WE HAVE THE IMMUNOSUPPRESSIVE TOOL BOX WE NEED OR SHOULD TOLERANCE BE THE GOAL?

Moderators: Megan Sykes, MD, Columbia University Medical Center, New York, NY, USA and Jonathan Bromberg, MD, PhD, University of Maryland School of Medicine, Transplant Office, Baltimore, MD, USA

10:15 am – 10:25 am

We Have the Toolbox We Need

Philip Halloran, MD, PhD
University of Alberta
Division of Nephrology/Immunology
Edmonton, AB, Canada

10:25 am – 10:35 am

Tolerance Should Be the Goal

Allan Kirk, MD, PhD
Duke University Medical Center
Durham, NC, USA

10:35 am – 10:40 am

Rebuttal

Philip Halloran, MD, PhD
University of Alberta
Division of Nephrology/Immunology
Edmonton, AB, Canada

10:40 am – 10:45 am

Rebuttal

Allan Kirk, MD, PhD
Duke University Medical Center
Durham, NC, USA

10:45 am – 11:00 am

Discussion

MOST EFFECTIVE STRATEGIES TO INCREASE THE LIVER DONOR POOL

Moderators: Thomas Mone, MS, One Legacy, Los Angeles, CA, USA and Michael Goldstein, University of Miami Miller School of Medicine, Miami, FL, USA

10:15 am – 10:20 am

Machine Preservation of Extended Criteria Donors

Peter Friend, MA, MB
University of Oxford
Oxford, United Kingdom

10:20 am – 10:25 am

Opt Out Strategy: You Will Be a Deceased Donor Until Proven Otherwise

Marina Berenguer, MD
La Fe Hospital
Valencia, Spain

10:25 am – 10:30 am

Living Donation is the First Option

Gary Levy, MD
Toronto General Hospital
Toronto, ON, Canada

10:30 am – 10:35 am

Social Media: Get the Word Out There!

Andrew Cameron, MD, PhD
Johns Hopkins Hospital
Baltimore, MD, USA

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10:35 am – 10:40 am

Regulated Financial Incentives: What Works for Kidney Should Work for Liver

Arthur Matas, MD
University of Minnesota
Minneapolis, MN, USA

11:45 am – 12:15 pm

Diastolic Dysfunction: Is This a Concern in Kidney Transplantation?

Howard Eisen, MD
Drexel University College of Medicine
Philadelphia, PA, USA

Coffee Break

11:00 am – 11:15 am

12:15 pm – 12:45 pm

Pre-op Cardiac Assessment: Do Biomarkers Improve Risk Stratification?

Alan Jardine, BSc, MB, ChB, MD, FRCP
University of Glasgow
BHF Cardiovascular Research Centre
Glasgow, United Kingdom

Midday Symposia

11:15 am – 12:45 pm

THE MEDIA AND TRANSPLANTATION

Moderators: J. David Vega, Emory University School of Medicine, Atlanta, GA, USA and J. Keith Melancon, MD, George Washington University Hospital, Washington, DC, USA

B CELL DEVELOPMENT

Moderators: Anna Valujskikh, PhD, The Cleveland Clinic, Cleveland, OH, USA and Lori West, MD, University of Alberta, Edmonton, AB, Canada

11:15am – 11:55 am

When the Media Influences Change in Policy

Kenneth Andreoni, MD
University of Florida
Gainesville, FL, USA

11:15 am – 11:45 am

Human B Cell Populations

Eric Meffre, PhD
Yale University
New Haven, CT, USA

11:55 am – 12:35 pm

Investigative Reporting in Transplantation

Kevin Sack
New York Times
Atlanta, GA, USA

11:45 am – 12:15 pm

Regulation of AID in Antibody Diversity

TBD

12:35 pm – 12:45 pm

Q&A

12:15 pm – 12:45 pm

Regulation of Memory B Cells by Autophagy

Jin Wang, PhD
Baylor College of Medicine
Houston, TX, USA

CARDIOVASCULAR DISEASE IN KIDNEY TRANSPLANTATION

Moderators: Bertram Kasiske, MD, Hennepin County Medical Center, Minneapolis, MN, USA and Joseph Kim, MD, PhD, Toronto General Hospital, Toronto, ON, Canada

IMMUNE METABOLOMICS

Moderators: Leonardo Riella, MD, PhD, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA and Andrew Wells, PhD, University of Pennsylvania CHOP, Philadelphia, PA, USA

11:15 am – 11:45 am

Metabolic Control of Dendritic Cell Function

TBD

11:15 am – 11:45 am

Pre-op Cardiovascular Assessment: Are All These Screening Tests Necessary?

Jeffrey Brinker, MD
Johns Hopkins University Hospital
Baltimore, MD, USA

11:45 am – 12:15 pm

Obesity and Immune Function

TBD

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12:15 pm – 12:45 pm

Use of Urinary Metabolomics to Detect Kidney Graft Injury

Hongbo Chi, PhD
St. Jude's Children's Research Hospital
Memphis, TN, USA

11:45 am – 12:15 pm

Unexpected Travelers: Endemic Infections from Donors

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

THE FUTURE OF PANCREAS TRANSPLANTATION

Moderators: Peter Stock, MD, PhD, University of California San Francisco, San Francisco, CA, USA and Ranier Gruessner, MD, University of Arizona, Tucson, AZ, USA

12:15 pm – 12:45 pm

CDC Investigations of Transmission of Rare Pathogens: Microsporidia, LCMV, Balamuthia and Rabies: Where Do We Go From Here?

Sridhar Basavaraju, MD, FACEP
Centers for Disease Control and Prevention
Atlanta, GA, USA

11:15 am – 11:45 am

Where Have All the Pancreas Transplants Gone?

Jonathan Fridell MD
Indiana University School of Medicine
University Hospital
Indianapolis, IN, USA

LIVER-KIDNEY TRANSPLANTATION: A CIVIL CAGE MATCH

Moderators: Ray Kim, MD, Mayo Clinic, Rochester, MN, USA and James Eason, MD, FACS, University of Tennessee, Memphis, TN, USA

11:45 am – 12:15 pm

Emerging Alternatives to Pancreas Transplantation

Jon Odorico, MD
University of Wisconsin Hospital & Clinic
Madison, WI, USA

11:15 am – 11:45 am

Selecting Candidates for Combined Liver-Kidney Transplantation

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

12:15 pm – 12:45 pm

Debate: Are There Too Many Pancreas Transplant Centers?

Pro
Raja Kandaswamy, MBBS
University of Minnesota
Minneapolis, MN, USA

11:45 am – 12:15 pm

The Evolution of One Program's Approach to Combined Liver-Kidney Transplantation

Talia Baker, MD
Northwestern Memorial Hospital
Chicago, IL, USA

Con

Robert Stratta, MD
Wake Forest School of Medicine
Winston-Salem, NC, USA

12:15 pm – 12:45 pm

Debate

Give Us All Your Kidneys – Pro

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

DONOR-DERIVED INFECTIONS: THE DEVIL INSIDE

Moderators: Michael Ison, MD, MS, Northwestern University, Chicago, IL, USA and Emily Blumberg, MD, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

11:15 am – 11:45 am

Transplant Surprises: Resistant Bacteria from Donors

Costi Sifri, MD
University of Virginia Health System
Charlottesville, VA, USA

Get Your Own Kidneys – Con

Gabriel Danovitch, MD
David Geffen School of Medicine at UCLA
Los Angeles, CA, USA

AMERICAN TRANSPLANT CONGRESS 2015



May 2-6, 2015 • Philadelphia, PA • Pennsylvania Convention Center



Tuesday, May 5, 2015

LIVING LIVER TRANSPLANTATION: THERE HAS TO BE AN EASIER WAY TO EARN A LIVING

Moderators: Michael Abecassis, MD, MBA, Northwestern University, Chicago, IL, USA and Abhinav Humar, MD, Thomas E. Starzl Transplant Institute, Pittsburgh, PA, USA

11:15 am – 11:45 am

Making a Left Turn for Donor Safety

John Roberts, MD
University of California, San Francisco
San Francisco, CA, USA

11:45 am – 12:15 pm

Small for Size Syndrome (SFSS): Too Much of a Good Thing, the Case for Portal Inflow Modulation

Jean Botha, MD
Wits Donald Gordon Medical Center
Parktown, South Africa

12:15 pm – 12:45 pm

Segmental Hepatic Veins: To Reconstruct or Not to Reconstruct?

Kyung-Suk Suh
Seoul National University College of Medicine
Seoul, Korea

NEW DEVELOPMENTS IN SOLID ORGAN TRANSPLANT BIOMARKERS

Moderators: Sunil Kurian, PhD, The Scripps Research Institute, La Jolla, CA, USA and Bruce McManus, MD, St. Paul's Hospital, Vancouver, BC, Canada

11:15 am – 11:45 am

Molecular Markers of Acute and Chronic Kidney Transplant Injury

Barbara Murphy, MD
Mt. Sinai School of Medicine
New York, NY, USA

11:45 am – 12:15 pm

Cell Free DNA as a Diagnostic Marker for Transplant Rejection

Kiran Khush, MD, MAS
Stanford University
Stanford, CA, USA

12:15 pm – 12:45 pm

Biomarkers in Liver Transplantation

Josh Levitsky, MD
Northwestern University Feinberg School of Medicine
Division of Gastroenterology & Comprehensive Transplant Center
Chicago, IL, USA

EXPANDING LIVE DONOR KIDNEY

Moderators: Robert Merion, MD, University of Michigan, Ann Arbor, MI, USA and Krista Lentine, MD, St. Louis University School of Medicine, St. Louis, MO, USA

11:15 am – 11:45 am

Electronic Living Donor Questionnaires

Deonna Moore, ACNP
Vanderbilt University Medical Center
Nashville, TN, USA

11:45 am – 12:15 pm

Best Use of Non-Directed Donors

Jeffrey Veale, MD
University of California Los Angeles
Los Angeles, CA, USA

12:15 pm – 12:45 pm

Live Donor Champions

Jacqueline M. Garonzik-Wang, MD
Washington University St. Louis
St. Louis, MO, USA

Break

12:45 pm – 1:00 pm

Luncheon Workshops* 1:00 pm – 2:00 pm

ARE ANIMAL MODELS IN TRANSPLANTATION USEFUL OR CLINICALLY IRRELEVANT?

TBD and Mark Stegall, MD, Mayo Clinic, Rochester, MN, USA

CANNABIS USE POST-TRANSPLANT: PHARMACOLOGIC IMPACT AND RECOMMENDATIONS FOR MONITORING

Jorge Luis Sotelo, MD, FAPM, University of Miami Miller School of Medicine, Miami, FL, USA and Marilyn Levi, MD, University of Colorado, Denver, CO, USA



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UTERUS TRANSPLANTS

Andrea Tzakis, MD, Cleveland Clinic, Weston, FL USA and Mats Brannstrom, University of Gotenburg, Goteborg, Sweden

MINORITIES AND TRANSPLANTATION: REDUCING DISPARITIES IN DONATION AND ACCESS

Juan Carlos Caicedo, MD, Northwestern University Feinberg School of Medicine, Chicago, IL, USA and Min C. Yoo, MD, University of Tennessee Health Science Center, Nashville, TN, USA

DIAGNOSIS AND TREATMENT OF REJECTION IN HAND VS. FACE VCA – SIMILARITIES AND DIFFERENCES

Linda Cendales, MD, Duke University Medical Center, Durham, NC, USA and Stefan Tullius, MD, PhD, Brigham & Womens Hospital, Harvard Medical School, Boston, MA, USA

** Ticket event with separate registration fee. Limited attendance.*

Break

2:00 pm- 2:15 pm

Concurrent Oral Abstract Sessions

2:15 pm – 3:45 pm

Pediatric Symposium

In collaboration with the International Pediatric Transplant Association (IPTA)

CARDIOVASCULAR DISEASE AND OBESITY IN PEDIATRIC TRANSPLANTATION

Cardiovascular Disease after Pediatric Transplantation

Moderators: Christian Benden, MD, University Hospital Zurich, Zurich, Switzerland and Burkhard Toenshoff, MD, University Children's Hospital, Heidelberg, Germany

2:15 pm – 2:45 pm

The Prevalence and Impact of Cardiovascular Disease in Pediatric Transplantation

Guido Filler, MD, PhD
University of Western Ontario
London, ON, Canada

2:45 pm – 3:15 pm

Hypertension after Pediatric Transplantation: Diagnosis and Management

Tammy McLoughlin Brady, MD, PhD
Johns Hopkins University Hospital
Baltimore, MD, USA

3:15 pm – 3:45 pm

Coronary Artery Calcification in Children after Transplantation

Mark Mitsnefes, MD
Cincinnati Children's Hospital
Cincinnati, OH, USA

3:45 pm – 4:00 pm

Coffee Break



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OBESITY IN PEDIATRIC TRANSPLANTATION

Moderators: Ron Shapiro, Thomas E Starzl Transplant Institute, Pittsburgh, PA, USA and Lars Pape, MD, Hanover Medical School, Hanover, Germany

4:00 pm- 4:30 pm

Impact of the Donor Body Mass Index on the Survival of Pediatric Transplant Recipients

Philip Rosenthal, MD
University of California San Francisco
San Francisco, CA, USA

4:30 pm – 5:00 pm

The Impact of Body Mass Index at Time of Transplant on Outcomes in Transplanted Children

Christian Benden, MD
University Hospital Zurich
Zurich, Switzerland

5:00 pm- 5:30 pm

Development of Obesity and Metabolic Syndrome Following Transplantation: Etiology and Impact

Udo Vester, MD
University of Duisburg-Essen
Essen, Germany

Concurrent Oral Abstract Sessions

4:00 pm – 5:30 pm

Poster Session D
5:30 pm -6:30 pm

ATC Night Out featuring
“ATC’s Got Talent”
7:30 pm – 11:00 pm

OFFSITE:

Field House
1150 Filbert Street
Philadelphia, PA 19107
Separate ticketed event



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Wednesday, May 6, 2015

Sunrise Symposia 7:00 am – 8:15 am

HOOPS, GAPS AND APPROVALS: ANTICIPATING AND OVERCOMING MEDICATION COST BARRIERS

Moderators: Erin Ticehurst, PharmD, University Hospital of Pennsylvania, Philadelphia, PA, USA and Diane Jakobowski, MSN, University Hospital of Pennsylvania, Philadelphia, PA, USA

7:00 am – 7:25 am

The Provider Perspective

Alden Doyle, MD
Drexel University College of Medicine
Philadelphia, PA, USA

7:25 am – 7:50 am

The Institution Perspective

Lonnie Smith, PharmD
University of Utah Healthcare
Salt Lake City, UT, USA

7:50 am – 8:15 am

The Patient Perspective

Lisa Potter, PharmD
University of Chicago Medical Center
Chicago, IL, USA

TAILORING CURRENT IMMUNOSUPPRESSIVE THERAPY IN LIVER TRANSPLANTATION: DISEASE-SPECIFIC REGIMENS

Moderators: Russell Wiesner, MD, Mayo Clinic, Rochester, MN, USA and Thomas Schiano, MD, Mt. Sinai Medical Center, New York, NY, USA

7:00 am – 7:25 am

Immunosuppression in the Context of HCV Infection in Liver Transplantation

Michael Charlton, MD
Intermountain Medical Center
Murray, UT, USA

7:25 am – 7:50 am

Renal Sparing: Who, What, When?

John Fung, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

7:50 am – 8:15 am

New Approaches to Immunosuppression in the Setting of Malignancy and Viral Disease

Michael Curry, MD
Beth Israel Deaconess Medical Center
Boston, MA, USA

WOMEN'S HEALTH POST-TRANSPLANT: UPDATES AND STRATEGIES FOR CARE

Moderators: Lisa Coscia, RN, BSN, CCTC, National Transplantation Pregnancy Registry, Philadelphia, PA, USA and Tracy Evans-Walker, APRN, CNP, CCTC, Cleveland Clinic, Cleveland, OH, USA

7:00 am – 7:20 am

Update on Contraception Options for the Transplant Recipient

Aletha Akers, MD, MPH
The Children's Hospital of Philadelphia
Philadelphia, PA, USA

7:20 am – 7:40 am

From Puberty to Menopause: Clinical Guidance for the Female Transplant Recipient

Colleen Krajewski, MD, MPH
University of Pittsburgh
Pittsburgh, PA, USA

7:40 am – 7:50 am

A Tribute to Vincent Armenti

Lisa Coscia, RN, BSN, CCTC
National Transplantation Pregnancy Registry
Philadelphia, PA, USA

7:50 am – 8:10 am

Managing Post-Transplant Complications During Pregnancy

Veronica Gomez-Lobo, MD
Washington Hospital Center/
Georgetown University
Washington, DC, USA



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ISCHEMIA-REPERFUSION INJURY AND INITIATION OF INNATE IMMUNITY IN TRANSPLANTATION

Moderators: Roslyn Mannon, MD, University of Alabama at Birmingham, Birmingham, AL, USA and William Baldwin, MD, PhD, Cleveland Clinic, Cleveland, OH, USA

7:00 am - 7:25 am **Ischemia-Reperfusion Triggering of Innate Immunity in Liver Grafts**
Jerzy Kupiec-Weglinski, MD
University of California Los Angeles
Los Angeles, CA, USA

7:25 am - 7:50 am **Ischemic Components in Lung Transplants**
Joshua Diamond, MD, MS
University of Pennsylvania
Philadelphia, PA, USA

7:50 am - 8:15 am **Ischemia Impact on Renal Graft Outcomes**
Stefan Tullius, MD, PhD
Brigham & Womens Hospital
Harvard Medical School
Boston, MA, USA

ROBOTIC ASSISTED KIDNEY TRANSPLANTATION

Moderators: Lloyd Ratner, MD, MPH, Columbia University, New York, NY, USA and TBD

7:00 am - 7:25 am **Robotic Assisted Kidney Transplantation Using Hand Assisted Device in Lateral and Trendelenberg Position**
Jose Oberholzer
University of Illinois at Chicago
Chicago, IL, USA

7:25 am - 7:50 am **Robotic Assisted Kidney Transplantation in Supine Lithotomy and Trendelenberg Position without Use of Hand Assisted Devices**
TBD

7:50 am - 8:15 am **Robotic Assisted Kidney Transplantation in the Retroperitoneum**
TBD

BK VIRUS INFECTION IN KIDNEY TRANSPLANTATION: STATE-OF-THE-ART 2015

Moderators: Hans Hirsch, MD, MSC, University of Basel, Basel, Switzerland and Deidre Sawinski, MD, University of the Hospital of Pennsylvania, Philadelphia, PA, USA

7:00 am - 7:25 am **Novel Approaches to the Pathologic and Virologic Diagnosis of BK Virus Infection**
Parmjeet Randhawa, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

7:25 am - 7:50 am **Optimal Screening Strategies to Prevent BK Infection**
Eliot Heher, MD
Massachusetts General Hospital
Boston, MA, USA

7:50 am - 8:15 am **Approach to the Treatment of BK Viremia and BK Nephropathy**
Joanna Schaeffer, MD, PhD
David Geffen School of Medicine at UCLA
Los Angeles, CA, USA

PEDIATRIC TRANSPLANT SURGERY - A CASE-BASED DISCUSSION OF TECHNICAL AND MANAGEMENT CHALLENGES

Moderators: Timothy Schmitt, MD, FACS, University of Kansas Hospital, Kansas City, KS, USA and B. Daniel Campos, MD, Emory University, Atlanta, GA, USA

7:00 am - 8:15 am **Panel Discussion**
Mark Deierhoi, MD, FACS
University of Alabama at Birmingham
Birmingham, AL, USA

Douglas Farmer, MD
Ronald Reagan UCLA Medical Center
Los Angeles, CA, USA

Alan Langnas, DO
University of Nebraska Medical Center
Omaha, NE, USA'

and



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Dominique Jan, MD, PhD
Montefiore-Albert Einstein
School of Medicine
Bronx, NY, USA

XENOTRANSPLANTATION: AN UPDATE

Moderators: David Cooper, MD, PhD, University of Pittsburgh, Pittsburgh, PA, USA and Agnes Azimzadeh, PhD, University of Maryland School of Medicine, Baltimore, MD, USA

7:00 am – 7:25 am **Advances in Genetic Engineering of Swine**
Joseph Tector, MD, PhD
Indiana University School of Medicine
Indianapolis, IN, USA

7:25 am – 7:50 am **Immunosuppression in Xenotransplantation**
Muhammed Mohiuddin, MD
NHLBI / National Institutes of Health
Bethesda, MD, USA

7:50 am – 8:15 am **Islet Xenotransplantation: An Update**
Bernhard Hering, MD
University of Minnesota
Minneapolis, MN, USA

Break
8:15 am – 8:30 am

Joint Plenary
8:30 am – 10:00 am

Coffee Break
10:00 am – 10:15 am

Innovators in Transplantation 10:15 am – 11:30 am

Moderators: Robert Fairchild, PhD, Cleveland Clinic Foundation, Cleveland, OH, USA and Dorry Segev, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

10:15 am – 10:30 am **Introduction**

10:30 am – 11:00 am Sir Roy Calne
Strangeways Res Laboratory
Cambridge, United Kingdom

11:00 am – 11:30 am Terry Strom, MD
Beth Israel Deaconess Medical Center
Boston, MA, USA

What's Hot, What's New 11:30 am – 12:30 pm

Moderators: Charles Miller, MD, Cleveland Clinic Foundation, Cleveland, OH, USA and James Allan, MD, Massachusetts General Hospital, Marblehead, MA, USA

11:30 am – 12:00 pm **Basic**
Peter Heeger, MD
Ichahn School of Medicine at Mt. Sinai
New York, NY, USA

12:00 pm – 12:30 pm **Clinical**
Randall Sung, MD
University of Michigan
Ann Arbor, MI, USA