2016
AMERICAN
Transplant
CONGRESS

PRE-MEETING SYMPOSIA
Saturday, June 11, 2016

ATC ANNUAL MEETING
Sunday, June 12 – Wednesday, June 15, 2016

EXHIBITS
Saturday, June 11 – Tuesday, June 14, 2016

JUNE 11-15, 2016
John B. Hynes Convention Center
BOSTON
atcmeeting.org

PRE-REGISTRATION DEADLINE May 4, 2016
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 2016 American Transplant Congress (ATC) – the fifteenth joint American transplant meeting.

The American Transplant Congress is the meeting to attend with the widest range of educational opportunities. The ATC is the foremost educational event in the field of basic and clinical transplantation. For the 2016 Congress, we head to Boston, Massachusetts and will hold the meeting in the John B. Hynes Convention Center. The center is conveniently located close 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. Last year we saw a lot of talent among our attendees and are hoping to see a lot more. So 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.

Boston, first incorporated as a town in 1630, and as a city in 1822, is one of America’s oldest cities, with a rich economic and social history. What began as a homesteading community eventually evolved into a center for social and political change. Boston has since become the economic and cultural hub of New England.

As the region’s hub, Boston is home to many institutions of higher education, some of the world’s finest inpatient hospitals, and numerous cultural and professional sports organizations. Boston offers world-class dining and shopping options as well as local, artisan, and ethnic favorites which 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.

Peter Heeger, MD    Randall Sung, MD
Josh Levitsky, MD    David Mercer, MD, PhD
Matthew Cooper, MD    Ronald Gill, PhD
ATC Joint Program Planning Committee

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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 May 4, 2016. 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, 2016.

*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, June 12, 2016 from 2:30 - 5:30 pm. It also includes access to the posters, exhibit hall, sunrise, midday, plenary and concurrent sessions for Sunday June 12 only.

PRE-MEETING SYMPOSIA
Saturday, June 11, 2016

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<th>Registration Type</th>
<th>Early Registration by May 4, 2016</th>
<th>Onsite Registration after May 4, 2016</th>
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ANNUAL CONGRESS
Sunday, June 12 - Wednesday, June 15, 2016

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TICKETED WORKSHOPS & SOCIAL EVENTS

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<tr>
<td>Luncheon Workshops</td>
<td>$49.00 per workshop</td>
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<td>ATC Night Out</td>
<td>$50.00 per person</td>
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ADDITIONAL ITEMS TO PURCHASE

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<tr>
<td>iPad Rental</td>
<td>$49.00 per iPad (Limited to one per registrant)</td>
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REGISTRATION INFORMATION
The ASTS and AST offer a discounted registration fee if you register by May 4, 2016. 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@atcmeeting.org by May 31, 2016 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 31, 2016 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@atcmeeting.org by May 31, 2016. 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.”

ACCREDITATION
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 American Society of Transplant Surgeons and American Society of Transplantation. The American Society of Transplant Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Transplant Surgeons designates this live activity for a maximum of 31.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MOC
This year ATC is increasing the number and type of MOC (Maintenance of Certification) credits available to learners during the Congress. Select sessions are eligible for American Board of Internal Medicine’s (ABIM) and/or American Board of Surgery (ABS) credit. Please see the final program and mobile app for more information on which sessions are eligible.

ABIM: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Those who wish to earn ABIM MOC credit must provide their ABIM number and Date of Birth when claiming credit.

ABS: ATC will offer AMA PRA Category 1 Credits™ which meet the requirement of the self-assessment component, Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. Learners must participate in the self-assessment component in order to claim this credit.

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 2016.

NURSES
Continuing nursing education credit available; details will be posted online in April 2016.

CME and MOC credits are subject to change. Final totals will be provided on-site.
HOTEL INFORMATION
ATC has negotiated discounted hotel rooms for attendees/exhibitors/supporters. These hotels are connected to or are within walking distance to the John B. Hynes Convention Center. OnPeak has been selected as the Official ATC Housing Company. Hotel rooms at the discounted group rate are limited and available on a first come, first-serve basis.

Discounted Reservation Deadline: May 4, 2016

Book your hotel today by visiting atcmeeting.org/hotel-reservations.

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.

ATC ONDEMAND

What is ATC OnDemand?
ATC OnDemand 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.

Benefits
- ATC OnDemand is a comprehensive body of knowledge readily accessible by anyone needing information from the 2016 Congress.
- Convenient and easy to access audio synchronized to PowerPoint™ presentations for sessions at anytime and anywhere.
- One place for professionals to find answers to session information.
- Broad range of materials that is consistent with today’s latest researchers and surgeons.

ATC OnDemand can be purchased by registering for the “Best Value Package” during the registration process. Rates increase during and after the Congress.
ATC NIGHT OUT FEATURING ATC’S GOT TALENT!

TUESDAY, JUNE 14, 2016 • 7:30 PM - 11:00 PM

Whisky Saigon
116 Boyleston Street
Boston, MA, 02116

Separate registration fee to attend.

As in recent years, ATC Night Out will be a fun networking event with food, drinks, and dancing to a live band. This year’s venue, Whisky Saigon, is located in the Boston Theater District on Boyleston Street several blocks from the John B. Hynes Convention Center.

Due to the success of last year’s ATC Night Out featuring ATC’s Got Talent, the talent competition will be taking place again! You’ll be shocked to see how much talent is hiding within our community, don’t miss out on the amazing talent performances of your fellow colleagues.

ATC’s Got Talent Guidelines
If you can sing, dance, play an instrument or have another type of act, then we want you to sign-up for ATC’s Got Talent.

Online applications will be accepted until May 20, 2016, www.atcmeeting.org. In order to be considered for ATC’s Got Talent, you must submit an application form and upload a video of your act. The application includes the following:

- Team Name or Individual Name
- Institution
- Category (Dance, Comedy, Music Show, Other)
- Length of Act in Minutes
- Song Selection
- Video of Talent
- Primary Contact
- Phone Number
- E-Mail

Guidelines and Rules
- Participants will be selected on a first-come, first-served basis pending suitability of content for public performance.
- Participants must check in by 7:00 pm on Tuesday, June 14th. Each entry will be given a pre-determined time to perform. The order of performance will be posted on the ATC website, Facebook page and mobile app the day before the show.
- Any cancellations must be reported to ATC staff by 12:00 pm on Tuesday, June 14th.
- Participants may only perform one time during the show.
- No profanity or vulgar lyrics in any vocal performance or dance music.
- Keep attire at a respectable and tasteful level.
- No pyrotechnics, open flames or any other dangerous additions.
- Acts must provide their own recorded music, instruments, props, etc., if needed. Recorded music must be on a CD or USB flash drive in an accepted format (i.e. MP3 or WAV file)

Judges & Scoring
Judges will rank acts in several categories on a scale of 1 to 10 with a 40 point maximum total. Judging is based on the following criteria:

- Overall Performance
  » Performer’s ability to present material that draws a positive response from the audience with personality, originality and poise.
- Technical Ability
  » Includes voice quality, pitch, projection, dance ability and skill, the use of instruments or props. If the act appears to be difficult but the performer is well prepared, they would receive higher points.
- Stage Appearance and Personality
  » A performer that receives a high rating in Stage Appearance and Personality is in character. They exude confidence, personality and put heart and character into their performance.
- Creativity/Originality/Entertainment Value
  » Creating a piece of work that is distinctive or different from the other performers. It takes creativity, ingenuity, confidence and personality to present an original piece.
### Meeting-at-a-Glance

**SATURDAY, JUNE 11**
- 1:00 pm – 5:30 pm Pre-Meeting Symposia (pg. 10)
- 5:30 pm – 7:30 pm Opening Reception with Exhibits
- 5:30 pm – 7:30 pm Poster Session I

**SUNDAY, JUNE 12**
- 7:00 am – 8:15 am Sunrise Symposia (pg. 16)
- 8:15 am – 8:30 am Break
- 8:30 am – 9:45 am Joint Plenary
- 9:45 am – 10:00 am AST Lifetime Achievement Award
- 10:00 am – 10:15 am ASTS Pioneer Award
- 10:15 am – 10:45 am Coffee Break in the Exhibit Hall
- 10:45 am – 11:15 am State-of-the-Art Speaker: M. Louise Markert, MD, PhD
- 11:15 am – 11:30 am Break
- 11:30 am – 1:00 pm Midday Symposia (pg. 18)
- 1:00 pm – 2:15 pm Luncheon Workshops (pg. 21)
- 1:30 pm – 4:30 pm Transplantation in Depth
- 2:00 pm – 2:15 pm Break
- 2:30 pm – 4:00 pm Concurrent Oral Abstract Sessions
- 2:30 pm – 5:30 pm Specialty Symposia (pg. 22)
- 4:00 pm – 4:30 pm Coffee Break in the Exhibit Hall
- 4:30 pm – 6:00 pm Concurrent Oral Abstract Sessions
- 6:00 pm – 7:00 pm Poster Session II

**MONDAY, JUNE 13**
- 7:00 am – 8:15 am Sunrise Symposia (pg. 23)
- 8:15 am – 8:30 am Break
- 8:30 am – 9:30 am Joint Plenary
- 9:30 am – 9:45 am AST Awards
- 9:45 am – 10:15 am AST Presidential Address
- 10:15 am – 10:45 am Coffee Break in Exhibit Hall
- 10:45 am – 11:15 am State-of-the-Art Speaker: Jennifer Doudna, PhD
- 11:15 am – 11:30 am Break
- 11:30 am – 1:00 pm Midday Symposia (pg. 26)

**TUESDAY, JUNE 14**
- 7:00 am – 8:15 am Sunrise Symposia (pg. 30)
- 8:15 am – 8:30 am Break
- 8:30 am – 9:15 am Joint Plenary
- 9:15 am – 9:30 am ASTS Grants
- 9:30 am – 10:00 am ASTS Presidential Address
- 10:00 am – 10:30 am Coffee Break in the Exhibit Hall
- 10:30 am – 11:15 am Controversies in Transplantation
- 11:15 am – 11:30 am Break
- 11:30 am – 1:00 pm Midday Symposia (pg. 33)
- 1:00 pm – 2:15 pm Luncheon Workshops (pg. 36)
- 2:30 pm – 4:00 pm Concurrent Oral Abstract Sessions
- 2:30 pm – 5:30 pm Specialty Symposia (pg. 37)
- 4:00 pm – 4:30 pm Coffee Break in Exhibit Hall
- 4:30 pm – 6:00 pm Concurrent Oral Abstract Sessions
- 6:00 pm – 7:00 pm Poster Session IV
- 5:45 pm – 7:00 pm ASTS Business Meeting
- 7:30 pm – 11:00 pm ATC’s Night Out–Offsite

**WEDNESDAY, JUNE 15**
- 7:00 am – 8:15 am Sunrise Symposia (pg. 39)
- 8:15 am – 8:30 am Break
- 8:30 am – 10:00 am Combined Oral Abstract Sessions
- 10:00 am – 10:30 am Coffee Break
- 10:30 am – 11:30 am Innovators in Transplantation
- 11:30 am – 11:45 am Looking Back on Ethical Issues in Transplantation: 50 Years after the 1966 Ciba Foundation Conference
- 11:45 am – 12:45 pm What’s Hot, What’s New
Saturday, June 11, 2016

**PRE-MEETING SYMPOSIA**

1:00 pm – 5:30 pm

**PRE-MEETING SYMPOSIA # 1: THEORETICAL AND PRACTICAL ASPECTS OF HLA ANTIBODIES AS A BASIS FOR CLINICAL DECISION MAKING**

Laying the Foundation

Moderators: Peter Nickerson, MD, University of Manitoba, Winnipeg, MB, Canada and Anat Tambur, DMB, PhD, Northwestern University, Chicago, IL, USA

1:00 pm – 1:30 pm  Basic Genetics of HLA
Annette Jackson, MD
Johns Hopkins University
Baltimore, MD, USA

1:30 pm – 2:00 pm  Generation of HLA Antibodies
Medhat Askar, MD, PhD
Baylor University Medical Center
Dallas, TX, USA

2:00 pm – 2:30 pm  The ABC’s of HLA Antibodies
Elaine Reed, PhD
University of California Los Angeles
Los Angeles, CA, USA

2:30 pm – 3:00 pm  Getting It to Transplant
Howard Gebel, PhD
Emory University Hospital
Atlanta, GA, USA

Coffee Break 3:00 pm – 3:30 pm

**BRINGING THE LAB TO THE CLINIC**

Moderators: Parmjeet Randhawa, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA and Michael Mengel, MD, University of Alberta, Edmonton, AB, Canada

3:30 pm – 4:00 pm  Antibody Mediated Rejection in the Transplanted Kidney
Parmjeet Randhawa, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

4:00 pm – 4:30 pm  Antibody Mediated Rejection in the Transplanted Heart
Rene Rodriguez, MD
Cleveland Clinic
Cleveland, OH, USA

4:30 pm – 5:00 pm  Monitoring for Anti-HLA Antibodies Following Transplantation
Chris Wiebe, PhD
University of Manitoba
Winnipeg, MB, Canada

5:00 pm – 5:30 pm  Putting It All Together
John Friedewald, MD
Northwestern University
Chicago, IL, USA

4:00 pm – 4:30 pm  Antibody Mediated Rejection in the Transplanted Heart
Rene Rodriguez, MD
Cleveland Clinic
Cleveland, OH, USA

4:30 pm – 5:00 pm  Monitoring for Anti-HLA Antibodies Following Transplantation
Chris Wiebe, PhD
University of Manitoba
Winnipeg, MB, Canada

5:00 pm – 5:30 pm  Putting It All Together
John Friedewald, MD
Northwestern University
Chicago, IL, USA

**PRE-MEETING SYMPOSIA # 2: ADVANCED IMMUNOLOGY UPDATES FOR BASIC AND CLINICAL SCIENTISTS**

Moderators: Marisa Alegre, MD, PhD, University of Chicago, Chicago, IL, USA and Jonathan Maltzman, MD, PhD, University of Pennsylvania, Philadelphia, PA, USA

1:00 pm – 1:30 pm  Update on Innate Immunity
Paolo Cravedi, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

1:30 pm – 2:00 pm  Update on NK Cells and Rejection
Shari Krams, PhD
Stanford University School of Medicine
Stanford, CA, USA

2:00 pm – 2:30 pm  Update on Th Subsets and T Cell Alloimmunity
Leonardo Riella, MD, PhD
Brigham and Women’s Hospital Harvard University
Boston, MA, USA

2:30 pm – 3:00 pm  Update on B Cell Subsets and B Cell Alloimmunity
Anita Chong, MD, PhD
University of Chicago
Chicago, IL, USA
3:15 pm – 3:45 pm  Update on Molecular Mechanisms of Regulatory Cells
Andrew Wells, PhD
University of Pennsylvania
Philadelphia, PA, USA

3:45 pm – 4:15 pm  Update on Memory Cells
Mandy Ford, MD, PhD
Emory University
Atlanta, GA, USA

4:15 pm – 4:45 pm  Top 10 Immunology Papers of the Year
Jonathan Bromberg, MD, PhD
University of Maryland School of Medicine
Baltimore, MD, USA

PRE-MEETING SYMPOSIA # 3: 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 & Women’s 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  Inflammation and Innate Immunity and Their 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
Ronald Gill, PhD
University of Colorado
Denver CO, USA

Coffee Break
3:00 pm – 3:15 pm

3:15 pm – 3:45 pm  B Cells and Antibody Mediated Effector Mechanisms in Graft Injury
Manilia Cascalho, MD, PhD
University of Michigan
Ann Arbor, MI, USA

3:45 pm – 4:15 pm  T Cell and B Cell Targeted Immunosuppression in Transplantation
Roslyn Mannion, 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, PhD
Emory University School of Medicine
Atlanta, GA, USA

4:45 pm – 5:15 pm  Understanding and Interpreting Genomic Studies in Transplantation
Madhav Menon, MD
Icahn School of Medicine at Mount Sinai
NY, NY, USA

PRE-MEETING SYMPOSIA #4: BEST PRACTICES IN THE PERI-OPERATIVE CARE OF THE LIVER TRANSPLANT PATIENT
Pre-Transplant: Optimizing Survival on the Liver Transplant Wait-list
Moderators: Jennifer Lai, MD, MBA, University of California San Francisco, San Francisco, CA, USA and David Foley, MD, FACS, University of Wisconsin, Madison, WI, USA

1:00 pm – 1:30 pm  Key Life-Saving Interventions in Acute on Chronic Liver Failure
Rajiv Jalan, RJ
UCL Medical School
London, United Kingdom

1:30 pm – 2:00 pm  Pearls of the Pre-operative Cardio-Hemodynamic Assessment
Geraldine Diaz, DO
University of Chicago
Chicago, IL, USA

2:00 pm – 2:30 pm  Unique Aspects of Liver Intensive Care: What Makes these Patients Different?
Jody Olson, MD
University of Kansas Medical Center
Kansas City, KS, USA
2:30 pm – 3:00 pm  When to Say Enough is Enough: The Validity of Pre-Operative Futility Assessments
Dean Karvellas, MD, SM, FRCPC
University of Alberta
Edmonton, AB, Canada

Coffee Break
3:00 pm – 3:15 pm

Post-Transplant: Optimizing Early Patient and Liver Graft Survival
Moderators: Anton Skaro, MD, PhD, Northwestern University, Chicago, IL, USA and Michael Curry, MD, Beth Israel Deaconess Medical Center, Boston, MA, USA

3:15 pm – 3:45 pm  Intra-operative Care: What Goes In Must Come Out
Michael Ramsay, MD
Baylor University Medical Center
Dallas, TX, USA

3:45 pm – 4:15 pm  Holding Killer Microbes at Bay
Deepali Kumar, MD
University Health Network
Toronto, ON, Canada

4:15 pm – 4:45 pm  Early Graft Dysfunction: Donor Issues and Surgical Complications
Mark Ghobrial, MD, PhD
Methodist Hospital
Houston, TX, USA

4:45 pm – 5:15 pm  Optimizing Nutrition and Physical Functioning: Recovering From Frailty
Jennifer Lai, MD, MBA
University of California San Francisco
San Francisco, CA, USA

1:20 pm – 1:40 pm  Immunosuppression Current Approaches and Future Strategies
Allan Kirk, MD, PhD
Duke University
Durham, NC, USA

1:40 pm – 2:00 pm  Immunological Assessment of The Transplant Recipient
Kathryn Tinckam, MD
University of Health Network
Toronto, ON, Canada

2:00 pm – 2:20 pm  The Pathology of Rejection
Robert Colvin, MD
Massachusetts General Hospital
Boston, MA, USA

2:20 pm – 2:40 pm  Q/A Discussion

Kidney: Issues in Candidate Evaluation
Moderators: Lisa Florence, MD, Swedish Organ Transplant Program, Seattle, WA, USA and Michael Davis, MD, University of New Mexico, Albuquerque, NM, USA

2:40 pm – 3:00 pm  Evaluation of the Combined Organ Transplant Candidate
Richard Formica, MD
Yale University School of Medicine
New Haven, CT, USA

3:00 pm – 3:20 pm  Evaluation of the Living Kidney Donor
Peter Reese, MD
The University of Pennsylvania
Philadelphia, PA, USA

3:20 pm – 3:30 pm  Q/A – Panel Discussion

Coffee Break
3:30 pm – 4:00 pm

Kidney: Expect the Unexpected: Complications
Moderators: Stuart Flechner, MD, Cleveland Clinic, Cleveland, OH, USA and Matthew Cooper, MD, Medstar Georgetown Transplant Institute, Washington, DC, USA

4:00 pm – 4:20 pm  Surgical Complications After Kidney Transplantation for the Non-surgeon
Kenneth Newell, MD, PhD
Emory University
Atlanta, GA, USA

PRE-MEETING SYMPOSIA # 5: KIDNEY: THE IMMUNOLOGY OF KIDNEY TRANSPLANTATION
Moderators: Lisa Florence, MD, Swedish Organ Transplant Program, Seattle, WA, USA and Michael Davis, MD, University of New Mexico, Albuquerque, NM, USA

1:00 pm – 1:20 pm  Immuneobiology of Rejection for the Nephrologist
Daniel Salomon, MD
The Scripps Research Institute
La Jolla, CA, USA

2:00 pm – 2:20 pm  The Pathology of Rejection
Robert Colvin, MD
Massachusetts General Hospital
Boston, MA, USA

2:20 pm – 2:40 pm  Q/A Discussion

Coffee Break
3:30 pm – 4:00 pm

Kidney: Expect the Unexpected: Complications
Moderators: Stuart Flechner, MD, Cleveland Clinic, Cleveland, OH, USA and Matthew Cooper, MD, Medstar Georgetown Transplant Institute, Washington, DC, USA

4:00 pm – 4:20 pm  Surgical Complications After Kidney Transplantation for the Non-surgeon
Kenneth Newell, MD, PhD
Emory University
Atlanta, GA, USA
4:20 pm – 4:40 pm  
**Recurrent Disease Management**  
Alexander Wiseman, MD  
University of Colorado Denver  
Aurora, CO, USA

4:40 pm – 4:50 pm  
**Q/A Discussion**

**Kidney: Transplant Infections**  
Moderators: Stuart Flechner, MD, Cleveland Clinic, Cleveland, OH, USA and Matthew Cooper, MD, Medstar Georgetown Transplant Institute, Washington, DC, USA

4:50 pm – 5:10 pm  
**The Pre-Transplant Infectious Disease Evaluation**  
Aruna Subramanian, MD  
Stanford University  
Los Altos, CA, USA

5:10 pm – 5:30 pm  
**BK Virus – Prevention and Treatment**  
Michael Ison, MD, MS  
Northwestern University  
Chicago, IL, USA

5:30 pm – 5:40 pm  
**Q/A Discussion**

**PRE-MEETING SYMPOSIA #6: TRANSPLANT PROGRAM LEADERSHIP**

**For Novices and Advanced Professionals**  
Moderators: Gwen McNatt, MS, CNN, Northwestern Memorial Hospital, Chicago IL, USA and Angela Marquez, MPH, Massachusetts General Hospital, Boston, MA, USA

1:00 pm – 1:30 pm  
**Ensuring the Overall Financial Health of your Transplant Program**  
Michael Abecassis, MD, MBA  
Northwestern University  
Chicago, IL, USA

1:30 pm – 2:00 pm  
**Maximizing Medicare Cost Report Reimbursement**  
Brigitte Sullivan, MBA  
Johns Hopkins Comprehensive Transplant Center  
Baltimore, MD, USA

2:00 pm – 2:30 pm  
**Regulatory Overview: Organ Transplantation - the First Government Takeover of Health Care**  
John Lake, MD  
University of Minnesota Medical School  
Minneapolis, MN, USA

2:30 pm – 3:00 pm  
**Building a QAPI Program to Improve Outcomes AND Meet Regulatory Requirements**  
Manan O’Rourke, RN, CCTC  
Jackson Memorial Hospital  
Miami, FL, USA

Coffee Break  
3:00 pm – 3:30 pm

**Optimizing Your Transplant Center’s Performance**  
Moderator: Angelina Korsun, RN, MSN, University of Iowa Hospital and Clinics, Iowa City, IA, USA and Nancy Metzler, BBA, University of Rochester Medical Center, Rochester, MN, USA

3:30 pm – 4:00 pm  
**Leading and Managing Change to Improve your Program**  
TBD

4:00 pm – 4:30 pm  
**Mitigating the Threat of an SIA**  
Kimberly Nicoll, BSN, MPH  
Duke University Hospital  
Durham, NC, USA

4:30 pm – 5:00 pm  
**Using Data in Managing a Transplant Center**  
Luke Preczewski  
University of California Davis  
Sacramento, CA, USA

5:00 pm – 5:30 pm  
**Managing Transplant Coordinators to Maximize Outcomes**  
Gwen McNatt, MS, CNN  
Northwestern Memorial Hospital  
Chicago, IL, USA

**PRE-MEETING SYMPOSIA # 7: EXCITING UPDATES IN TRANSPLANT ID: CASE-BASED LEARNING**

**A Little Help From Our Friends – Featuring Boston Specialists**  
Moderators: Jay Fishman, MD, Harvard Medical School/Massachusetts General Hospital, Boston, MA, USA and Michael Green, MD, MPH, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

1:00 pm – 1:20 pm  
**PTLD For The Transplant Specialist – Risk Factors, Diagnosis, Initial Treatment Strategies**  
Jeffrey Barnes  
Massachusetts General Hospital  
Boston, MA, USA
1:20 pm – 1:40 pm  
Dermatology: Infection and Mimics for the Transplant Specialist  
TBD

1:40 pm – 2:00 pm  
Radiology Imaging, Infection, and Mimics for the Transplant Specialist  
Subba Digumarthy, MD  
Massachusetts General Hospital  
Boston, MA, USA

2:00 pm – 2:20 pm  
Clinical Microbiology for the Transplant Specialist  
Eric Rosenberg  
Massachusetts General Hospital  
Boston, MA, USA

2:20 pm – 2:40 pm  
Avoidance is Not Always the Answer: Transplant Perioperative Prophylaxis and Surgical Site Infections  
Ricardo LaHoz, MD, FRCP  
UT Southwestern Medical Center  
Dallas, TX, USA

2:40 pm – 3:00 pm  
O Candida! Transplant Fungal Prophylaxis, including a Pre-Emptive Therapy Approach and Endemic Fungi  
Shahid Husain, MD, MS  
University Health Network  
Toronto, ON, Canada

3:00 pm – 3:20 pm  
Latent TB (Diagnosis and Treatment): Don’t Let the Red Snappers Escape!  
Deepali Kumar, MD  
University Health Network  
Toronto, ON, Canada

3:20 pm – 3:40 pm  
Travel after Transplant: The Icing on the Cake  
Camille Kotton, MD  
Massachusetts General Hospital  
Boston, MA, USA

An Ounce of Prevention is Worth a Pound of Cure  
Moderators: Emily Blumberg, MD, University Hospital of Pennsylvania, Philadelphia, PA, USA and Marian Michaels, MD, MPH, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

4:20 pm – 4:40 pm  
MDRO in Transplant: The Dark Side of the Force  
Shirish Huprikar, MD  
Icahn School of Medicine at Mt. Sinai  
New York, NY, USA

4:40 pm – 5:00 pm  
On Your Toes: Rapid Fire Cases - “The 4am Phone Call” (with audience response)  
Panelists:  
Camille Kotton, MD  
Massachusetts General Hospital  
Boston, MA, USA  
Shirish Huprikar, MD  
Icahn School of Medicine at Mt. Sinai  
New York, NY, USA  
Deepali Kumar, MD  
University Health Network  
Toronto, ON, Canada  
Marilyn Levi, MD  
University of Colorado Hospital  
Aurora, CO, USA  
David van Duin, MD  
University of North Carolina  
Chapel Hill, NC, USA  
Sherif Mossad, MD, FACP  
Cleveland Clinic Foundation  
Cleveland, OH, USA  
Sarah Longworth, MD  
Hospital of the University of Pennsylvania, Philadelphia, PA, USA
PRE-MEETING SYMPOSIA #8: COLLABORATION AT ITS FINEST: A CASE-BASED APPROACH HIGHLIGHTING THE SIGNIFICANCE OF THE MULTI-DISCIPLINARY TEAM

Pre-transplant Phase
Moderators: Jenifer Harris, BSN, RN, CCTC, University of Cincinnati Medical Center, Cincinnati, OH, USA

1:00 pm – 1:20 pm  Maximizing Efficiency of Living Donor Evaluations
Denise Morin, RN, MSN
Beth Israel Deaconess Medical Center
Boston, MA, USA

1:20 pm – 1:40 pm  Exploring Options for Sensitized Patients
Janet Hiller, RN, MSN
Johns Hopkins Hospital
Baltimore, MD, USA

1:40 pm – 2:00 pm  Managing Complex Psychosocial Situations
Noelle Dimitri, LICSW, CCTSW
Beth Israel Deaconess Medical Center
Boston, MA, USA

2:00 pm – 2:20 pm  Effective Pharmacologic Evaluation Of Transplant Candidates
Jennifer Trofe-Clark, PharmD, BCPS
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

Transplant Phase
Moderators: Winston Ally, PharmD, BCPS, University of Virginia Medical Center, Charlottesville, VA, USA and Christine Trotter, MSN, University of Chicago, Chicago, IL, USA

2:20 pm – 2:40 pm  Advanced Transplant Providers In The OR: Providing More Than First Assist
Georgette Smith, MS, MHS, PA-C
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

2:40 pm – 3:40 pm  Best Practice For A Multidisciplinary Approach To Discharge Planning: How We Do It
Ashley Seawright, DNP, ACNP
University of Mississippi Medical Center
Jackson, MS, USA
Nicole Alvey, PharmD, BCPS
Rush University Medical Center
Chicago, IL, USA

Coffee Break
3:40 pm – 4:00 pm

Post-transplant Phase
Moderators: Katelyn Richards, PharmD, Beth Israel Deaconess Medical Center, Boston, MA, USA and Matt Sigafus, MSN, CRNP, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

4:00 pm – 4:20 pm  Ensuring Adequate Living Donor Follow-Up In The Post-Donation Setting
Dianne LaPointe, ANP-BC, DNP
Mount Sinai Medical Center
New York, NY, USA

4:20 pm – 4:40 pm  Optimizing The Role Of The Pharmacist In The Ambulatory Clinic
Lindsay Bowman Anger, PharmD
Tampa General Hospital
Tampa, FL, USA

4:40 pm – 4:55 pm  Novel Outpatient Services To Improve Outcomes And Decrease Readmissions

4:55 pm – 5:10 pm  Use Of Specialty Pharmacy And Transplant Based Infusion Services To Generate Revenue
Lonnie Smith, PharmD
University of Utah Healthcare
Salt Lake City, UT, USA

5:10 pm – 5:25 pm  Post-discharge Hotel Follow-up to Decrease Length of Stay and Prevent Readmissions
Jordan Davenport, RN, BSN, BA, CMSRN
Inpatient Transplant Discharge Coordinator
Medical University of South Carolina, Charleston, SC

OPENING RECEPTION WITH EXHIBITS
5:30 pm – 7:30 pm

POSTER SESSION 1–PRESENTERS IN ATTENDANCE
5:30 pm – 7:30 pm
Sunday, May 3, 2015

SUNRISE SYMPOSIA
7:00 am – 8:15 am

CONTROVERSIES & STRATEGIES SURROUNDING SUBSTANCE USE IN TRANSPLANT CANDIDATES
Moderator: Sheila Jowsey-Gregoire, MD, Mayo Clinic, Rochester, MN, USA

7:00 am – 7:25 am
Marijuana in the Transplant Patient? The University of Colorado/OSHU Experience
Susan Orloff, MD
Oregon Health Sciences University
Portland, OR, USA

7:25 am – 7:50 am
Opioids and Methadone in Transplant Candidates
Shari Rogal, MD, MPH
University of Pittsburgh
Pittsburgh, PA, USA

7:50 am – 8:15 am
Components of the Transplant Addictions Evaluation
Manan Fireman, MD
Oregon Health Sciences University
Portland, OR, USA

CLINICAL TRANSPLANT TOLERANCE – MOLECULAR AND CELLULAR BIOMARKERS
Moderators: Daniel Salomon, MD, The Scripps Research Institute, La Jolla, CA and Alberto Sanchez-Fueyo MD, PhD, King’s College, London, United Kingdom

7:00 am – 7:25 am
B cells (biomarkers) of Spontaneous Transplant Tolerance
Sophie Brouard, PhD, DVM
University of Nantes
Nantes, France

7:25 am – 7:50 am
Discovering and Validating Molecular Biomarkers in Induced Transplant Tolerance
Sunil Kuran, PhD
The Scripps Research Institute
La Jolla, CA, USA

NEW ROLES FOR MACROPHAGES
Moderators: Mark Ghobrial, MD, PhD, Methodist Hospital, Houston, TX, USA and Heth Turnquist, PhD, University of Pittsburgh, Pittsburgh, PA, USA

7:00 am – 7:25 am
Tissue Resident Macrophages in Islets and Hearts
Terry Strom, MD
Beth Israel Deaconess Medical Center
Boston, MA, USA

7:25 am – 7:50 am
GMSCCR Promotes Macrophage Alternative Activation after Renal IR Injury
Lloyd Cantley, MD
Yale New Haven Hospital
New Haven, CT, USA

7:50 am – 8:15 am
Sign and Regulatory Macrophages and Transplant Tolerance Immunity
Online Now
Jordi Ochando, PhD
Mount Sinai School of Medicine
New York, NY, USA

RENAI CONTROVERSIES IN LIVER TRANSPLANTATION
Moderators: Mitra Nadim, MD, University of Southern California, Los Angeles, CA, USA and James Trotter, MD, Baylor University Medical Center, Dallas, TX, USA

7:00 am – 7:25 am
Rena Transplant Alone in Patients with Liver Disease: What are the Limits
Sumeet Asrani, MD
Liver Consultants of Texas
Dallas, TX, USA

7:25 am – 7:50 am
Debate on the Approaches to Renal Allocation in the Liver Transplant Candidate/Recipient: SLKT vs. Liver Only with Safety Net
Josh Levitsky, MD, MS
Northwestern University Feinberg School of Medicine
Chicago, IL, USA
TOP NEW PAPERS IN TRANSPLANT INFECTIOUS DISEASE
Moderator: Marian Michaels, MD, MPH, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

7:00 am – 7:25 am
Viruses - Top New Papers In Transplant Infectious Disease
Atul Humar, MD, MSC
Toronto General Hospital
Toronto, ON, Canada

7:25 am – 7:50 am
Bacteria - Top New Papers In Transplant Infectious Disease
Emily Blumberg, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

7:50 am – 8:15 am
Fungi - Top New Papers In Transplant Infectious Disease
Jay Fishman, MD
Harvard Medical School
Boston, MA, USA

REPAIRING ORGANS EX-VIVO
Moderators: Hamid Rabb, MD, FACP, Johns Hopkins University Hospital, Baltimore, MD, USA and Rutger Ploeg, MD, PhD, Churchill Hospital, Oxford, United Kingdom

7:00 am – 7:25 am
Running An Organ Repair Center
Marcelo Cypel, MD, MSc
University of Toronto
Toronto, ON, Canada

7:25 am – 7:50 am
The Potential Of Normothermic Preservation
TBD

7:50 am – 8:15 am
The Significance Of Pulsatility For Endothelial Protection
Stefan Tullius, MD, PhD
Brigham & Women’s Hospital/Harvard Medical Center
Boston, MA, USA

SEX AND DRUGS IN TRANSPLANTATION
Moderators: Deirdre Sawinski, MD, University of Pennsylvania, Philadelphia, PA, USA and Dianne McKay, MD, University of California San Diego, La Jolla, CA, USA

7:00 am – 7:25 am
Sexual Function and Dysfunction in the Transplant Recipient
TBD

7:25 am – 7:50 am
Family Planning and Contraception for Donors and Recipients
TBD

7:50 am – 8:15 am
Peri And Post Menopausal Health In Transplant Recipients
Karin True, MD
University of North Carolina
Chapel Hill, NC, USA

REACHING CONSENSUS ON AMR IN LUNG TRANSPLANTATION
Moderators: Allan Glanville, MBBS, MD, St. Vincent’s Hospital, Darlinghurst, NSW, Australia and Nancy Reinsmoen, PhD, Cedars Sinai Medical Center, Los Angeles, CA, USA

7:00 am – 7:25 am
The Pathology of Lung AMR
Desley Neil, MD, PhD
Queen Elizabeth Hospital Birmingham
Birmingham, United Kingdom

7:25 am – 7:50 am
The Immunology of Lung AMR
Adrianna Zeevi, PhD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

7:50 am – 8:15 am
Putting it All Together – How Does the Clinician Define and Treat Lung AMR?
Deborah Levine, MD
University of Texas Health Sciences Center
San Antonio, TX, USA

7:50 am – 8:15 am   Pro Liver Only with Safety Net
Alexander Wiseman, MD
University of Colorado at Denver Aurora, CO, USA
INFORMED DECISION MAKING IN LIVING ORGAN DONATION
Moderators: Mary Amanda Dew, PhD, University of Pittsburgh, Pittsburgh, PA, USA and James Rodrigue, PhD, Beth Israel Deaconess Medical Center, Boston, MA, USA

7:00 am – 7:25 am
Ethical and Legal Aspects of Informed Consent
I. Glenn Cohen, Esq.
Harvard University
Boston, MA, USA

7:25 am – 7:50 am
What Do Patients and Donors Want to Know About the Risks of Living Donation and How Do They Make Decisions?
Allison Tong, BMedSc, MPH, MM, PhD
University of Sydney
Westmead, Sydney, Australia

7:50 am – 8:15 am
Innovative Approaches to Improve Informed Consent for Living Donation
Elisa Gordon, PhD, MPH
Northwestern University Feinberg School of Medicine
Chicago, IL, USA

Break
8:15 am – 8:30 am

JOINT PLENARY–5 ORAL ABSTRACT PRESENTATIONS
8:30 am – 9:45 am

AST LIFETIME ACHIEVEMENT AWARD
9:45 am – 10:00 am

ASTS PIONEER AWARD
10:00 am – 10:15 am

COFFEE BREAK IN THE EXHIBIT HALL
10:15 am – 10:45 am

STATE-OF-THE-ART PRESENTATION
10:45 am – 11:15 am

THYMUS TRANSPLANTATION: AN APPROACH TO TOLERANCE INDUCTION
M. Louise Markert, MD, PhD
Professor of Pediatrics and Immunology
Duke University Medical Center
Durham, NC, USA

MIDDAY SYMPOSIA
11:30 am – 1:00 pm

ADVANCES IN TREG BIOLOGY
Moderators: Qizhi Tang, PhD, University of California San Francisco, San Francisco, CA, USA and Jordi Ochando, PhD, Mount Sinai Medical Center, New York, NY, USA

11:30 am – 12:00 pm
Treg Function and Stability
Wayne Hancock, MD, PhD
Children’s Hospital of Philadelphia
Philadelphia, PA, USA

12:00 pm – 12:30 pm
Redirecting Tregs with CAR Technology
Megan Levings, PhD
Child & Family Research Institute
Vancouver, BC, Canada

12:30 pm – 1:00 pm
A Wave of Regulatory T Cells into Neonatal Skin Mediates Tolerance to Commensal Microbes
Michael Rosenblum, MD, PhD
University of California San Francisco
San Francisco, CA, USA

FRONTIERS IN INFLAMMATION RELEVANT TO TRANSPLANTATION
Moderators: Jessamyn Bagley, PhD, Tufts University, Boston, MA, USA and Leonardo Riella, MD, PhD, Brigham and Women’s Hospital, Boston, MA, USA

11:30 am – 12:00 pm
Mitochondrial DAMPS and Inflammation
Carl Hauser, MD
Beth Israel Deaconess Medical Center
Boston, MA, USA

12:00 pm – 12:30 pm
Inflammasome-Independent Regulation of IL-1-Family Cytokines
Leo Joosten, PhD
Radboud University Medical Center
Nijmegen, The Netherlands

12:30 pm – 1:00 pm
TLRs and Inflammasome Activation
Julie Blander, PhD
Icahn School of Medicine at Mount Sinai
New York, NY, USA
RAPID FIRE STATE-OF-THE-ART IN XENOTRANSPLANTATION
Moderators: David Cooper, MD, PhD, University of Pittsburgh, Pittsburgh, PA, USA and Richard Pierson, MD, University of Maryland at Baltimore, Baltimore, MD, USA

11:30 am – 11:45 am  Heart
Bruno Reichart
Klinikum der Universität München
Munich, Germany

11:45 am – 12:00 pm  Kidney
TBD

12:00 pm – 12:15 pm  Liver
Joseph Tector, MD, PhD
University of Pittsburgh
Pittsburgh, PA, USA

12:15 pm – 12:30 pm  Lung
Richard Pierson, MD
University of Maryland
Baltimore, MD, USA

12:30 pm – 12:45 pm  Islet
Bernhard Hering, MD
University of Minnesota
Minneapolis, MN, US

12:45 pm – 1:00 pm  Panel Discussion – Which Residual Barriers are Common and Which are Unique?

AMR IN LIVER TRANSPLANTATION
Moderators: John O'Grady, MD, Kings College London, London, United Kingdom and Abraham Shaked, MD, PhD, University of Pennsylvania, Philadelphia, PA, USA

11:30 am – 12:00 pm  Histopathologic Consequences of DSA in Liver
Anthony Jake Demetris, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

12:00 pm – 12:30 pm  Acute AMR: Diagnosis and Treatment in Liver Transplant
Stuart Knechtle, MD
Duke University Medical Center
Durham, NC, USA

12:30 pm – 1:00 pm  Chronic AMR in Liver Transplant– The Next Frontier
Jacqueline O'Leary, MD, MPH
Baylor Health Center
Dallas, TX, USA

PREDICTORS OF SURVIVAL AFTER LUNGTRANSPLANT
Moderators: Wayne Tsuang, MD, MHS, Cleveland Clinic, Cleveland, OH, USA and Joshua Mooney, MD, Stanford University, Stanford, CA, USA

11:30 am – 12:00 pm  Effects of Declining Health Status on the Lung Transplant Waiting List on Wait List Mortality and Posttransplant Survival
Cynthia Gries, MD, MSc
Florida Hospital
Orlando, FL, USA

12:00 pm – 12:30 pm  Obesity and Advanced Age in Lung Transplant
Edward Garrity, MD
University of Chicago Medical Center
Chicago, IL, USA

12:30 pm – 1:00 pm  The Impact of Single vs. Bilateral Lung Transplant on Survival
Robert Duane Davis, MD, MBA
Florida Hospital
Orlando, FL, USA
DONOR DERIVED INFECTIONS: NEW INSIGHTS ON THE USE OF INFECTED DONORS
Moderators: Cameron Wolfe, MD, Duke University, Durham, NC, USA and Daniel Kaul, MD, University of Michigan, Ann Arbor, MI, USA

11:30 am – 12:00 pm  
Hindsight is 20/20
Shirish Huprikar, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

12:00 pm – 12:30 pm  
Risk of HIV Transmission Among Increased Risk Donors
Brian Gurba, PhD
CDC – Georgia Institute of Technology
Atlanta, GA, USA

12:30 pm – 1:00 pm  
Communication Enhances Transplant Outcomes
Rachel Miller, MD
University of Iowa
Iowa City, IA, USA

LIVER TRANSPLANTATION FOR MALIGNANCY? STATE OF THE ART AND FUTURE DIRECTIONS
Moderator: John Lake, MD, University of Minnesota Medical School, Minneapolis, MN, USA and Majella Doyle, MD, Washington University School of Medicine, St. Louis, MO, USA

11:30 am – 11:50 pm  
Hepatic Resection versus Transplantation for HCC in the Era of Hepatitis C Treatment
Paul Greig, MD, FRCSC
University of Toronto
Toronto, ON, Canada

11:50 am – 12:10 pm  
How Far Can We “Push It” with Hepatocellular Carcinoma – Can/Should we Change our Indications?
William Chapman, MD
Washington University in St. Louis
St. Louis, MO, USA

12:10 pm – 12:30 pm  
Should We Be Using mTOR Inhibitors for All Patients with HCC?
Kymberly Watt, MD
Mayo Clinic
Rochester, MN, USA

12:30 pm – 1:00 pm  
Role of Liver Transplantation in Patients with Colorectal Hepatic Metastases
TBD

WHAT’S NEW FOR THE ORGAN PROCUREMENT AND TRANSPLANTATION NETWORK AND SCIENTIFIC REGISTRY OF TRANSPLANT RECIPIENTS?
Moderators: Ryan Ehrensberger, PhD, United Network for Organ Sharing, Richmond, VA, USA and Bertram Kasiske, MD, Hennepin County Medical Center, Minneapolis, MN, USA

11:30 am – 12:00 pm  
Metrics to Assess Pre-Transplant Program Performance
David Axelrod, MD, MBA
Dartmouth-Hitchcock Medical Center
Lebanon, NH, USA

12:00 pm – 12:30 pm  
The Unmet Need: Who are the Potential Donors?
Darren Stewart, MS
United Network for Organ Sharing
Richmond, VA, USA

12:30 pm – 1:00 pm  
Measuring Deceased Donor: Progress and Promise
Jon Snyder, PhD
Scientific Registry of Transplant Recipients
Lakeville, MN, USA

DEVELOPING NEW THERAPY FOR TRANSPLANT RECIPIENTS: WHAT ARE THE BARRIERS?
Moderators: Rita Alloway, PharmD, FCCP, University of Cincinnati College of Medicine, Cincinnati, OH, USA and Dixon Kaufman, MD, PhD, University of Wisconsin, Madison, WI, USA

11:30 am – 12:00 pm  
What Are The Unmet Needs In Transplantation—How Can We Move Forward?
Mark Stegall, MD
Mayo Clinic
Rochester, MN, USA

12:00 pm – 12:30 pm  
Regulatory Barriers to New Therapy
Roslyn Mannon, MD
University of Alabama at Birmingham
Birmingham, AL, USA
12:30 pm – 1:00 pm  Barriers in Industry
Randall Morris, MD, FRCP
Stanford University, Emeritus
Carmel, CA, USA

KIDNEY TRANSPLANTATION – TECHNICAL CHALLENGES
Moderators: Robert Montgomery, MD, PhD, Johns Hopkins University, Baltimore, MD, USA and Lloyd Ratner, MD, Columbia University, New York, NY, USA

11:30 am – 12:00 pm Transplantation of Anatomically Complex Kidneys
TBD

12:00 pm – 12:30 pm Treatment of Early and Late Ureteral Complications
TBD

12:30 pm – 1:00 pm Transplant Renal Artery Pseudoaneurysm and Other Vascular Complications
Scott Ames, MD
Mount Sinai Hospital
New York, NY, USA

LUNCHEON WORKSHOPS
Ticketed Event with Separate Registration Fee. Space is limited to the first 50 registrants.
1:00 pm – 2:15 pm

#1: Liver Pathology Workshop: Basic and Challenging Cases
Moderators: Thomas Schiano, MD, Ichan School of Medicine at Mount Sinai, New York, NY, USA and Isabel Fiel, MD, Ichan School of Medicine at Mount Sinai, New York, NY, USA

#2: What to Do with the Biopsy Findings? Potential Topics: BK Nephritis, AMR, Recurrence of GN
Moderators: Cinthia Drachenberg, MD, University of Maryland, Baltimore, MD, USA and Fernando Cosio, MD, Mayo Clinic, Rochester, MN, USA

#3: Biosimilars in Patient Care: What Are They and How Will They Impact Transplant Patient Management
Moderators: Steven Gabardi, PharmD, Brigham and Women’s Hospital, Boston, MA, USA and Teun van Gelder, MD, Erasmus Medical Center, Rotterdam, The Netherlands

1:30 pm – 4:30 pm B CELLS
Moderators: TBD

1:30 pm – 2:00 pm Basic B cell and GC Biology
TBD

2:00 pm – 2:30 pm B cell Memory
Michael McHeyzer-Williams, PhD
Scripps Research Institute
LaJolla, CA, USA

2:30 pm – 3:00 pm B cell Tolerance
TBD

3:00 pm – 3:30 pm B regs
David Rothstein, MD
Thomas E. Starzl Transplant Institute
Pittsburgh, PA, USA

3:30 pm – 4:00 pm Poly Reactive Antibodies, Markers and Mechanisms
Emanuel Zorn, PhD
Columbia University Medical Center
New York, NY, USA

4:00 pm – 4:30 pm Targeting B cells in Transplantation
Menna Clatworthy, BSc, MBBch, PhD, FRCP
Cambridge University
Cambridge, United Kingdom
CONCURRENT ORAL ABSTRACT SESSIONS
2:30 pm – 4:00 pm

ALLIED HEALTH SYMPOSIUM 1– IDENTIFYING OPPORTUNITIES TO INCORPORATE QUALITY IMPROVEMENT AND RESEARCH INTO YOUR DAY
2:30 pm – 5:30 pm

The Electronics of Transplantation and Performance Improvement: Dashboards, Documentation, and Medication Errors
Moderators: Demetra Tsapepas, PharmD, New York-Presbyterian Hospital, New York, NY, USA and Tiffany Kaiser, PharmD, University of Cincinnati, Cincinnati, OH, USA

2:30 pm – 2:55 pm
Utilizing Electronic Dashboards to Create a Culture of Quality and Transparency
Brigitte Sullivan, MBA
Johns Hopkins Comprehensive Transplant Center
Baltimore, MD, USA

2:55 pm – 3:20 pm
Electronic Documentation Practices to Foster Multi-disciplinary Participation in the Quality and Compliance Process
TBD

3:20 pm – 3:45 pm
Electronic Medication Error Reporting to Enhance Patient Safety
Meredith Aull, PharmD
New York Presbyterian – Weill Cornell Kidney and Pancreas Transplant Program
New York, NY, USA

Coffee Break
3:45 – 4:00 pm

Developing Pharmacists and Allied Health Professionals into Clinical/Translational Scientists
Moderators: James Fleming, PharmD, Medical University of South Carolina, Charleston, SC, USA and Angela Maldonado, PharmD, Vidant Medical Center, Greenville, NC, USA

4:00 pm – 4:30 pm
Fitting Clinical Research into Your (Already Busy) Practice
Nicole Pilch, PharmD
Medical University of South Carolina
Charleston, SC, USA

4:30 pm – 5:00 pm
Making Clinical/Translational Research Your Career
Rita Alloway, PharmD
University of Cincinnati College of Medicine
Cincinnati, OH, USA

5:00 pm – 5:30 pm
The Importance of Pharmacists and Allied Health Providers in Multidisciplinary Transplant Research
A Osama Gaber, MD
Houston Methodist Hospital System
Houston, TX, USA

PEDIATRIC SYMPOSIUM 1–IMPROVING LONG-TERM OUTCOMES IN PEDIATRIC TRANSPLANTATION

Pediatric Late Liver Graft Outcomes: Moving the Needle
Moderators: John Bucuvalas, MD, Cincinnati Children’s Hospital, Cincinnati, OH, USA and George Mazariegos, MD, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA

2:30 pm – 2:50 pm
Clinical Manifestations of Late Allograft Injury in Children/Approach to Histologic Assessment in Long-Term Pediatric Liver Allograft
Anthony Jake Demetris, MD
UPMC – Montefiore
Pittsburgh, PA, USA

2:50 pm – 3:10 pm
Multicenter Collaboration: It takes a GIGOLO
Deirdre Kelly, MD
Birmingham Children’s Hospital
Birmingham, United Kingdom

3:10 pm – 3:30 pm
MALT Study: Methods, Implementation, Primary And Secondary Analysis Results
Eyal Shemesh, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

Coffee Break
3:30 pm – 4:00 pm
STUDENT PROGRAM: THE SCIENCE, THE ART, AND THE ALLURE OF TRANSPLANTATION
2:15 PM – 5:30 PM

Third annual educational session designed for medical students, residents, fellows, other trainees

**Fundamental Concepts of Transplantation**
Moderators: Dorry Segev, MD, PhD, Johns Hopkins University, Baltimore, MD, USA and Randall Sung, MD, University of Michigan, Ann Arbor, MI, USA

Transplantation is a broad reaching field. In almost every medical specialty, you can pursue a transplant subspecialty. The transplant-specific aspects of each specialty are unique, interesting, and an elegant combination of science specific to the specialty and science common to transplantation.

2:15 pm - 2:30 pm  Expanding Transplantation is More Than Just Wishing: Practical Thoughts from the ASTS President

2:30 pm – 2:45 pm  Nephrology is More Than Just Dialysis: Kidney Transplantation for the Win

2:45 pm - 3:00 pm  Liver Transplantation is More Than Just Surgery: It’s Really Big Surgery

3:00 pm – 3:15 pm  Outcomes Research is More Than Just Excel: Data, More Data, and Statistics

3:15 pm - 3:30 pm  Transplantation is More Than Just Solid Organs: Hands, Face, and Other Vascularized Composite Allografts

3:30 pm - 3:45 pm  ID is More Than Just Bacteria: HCV and HIV in the spotlight

3:45 pm - 4:00 pm  Rejection is More Than Just Something that Happened in High School: The Immune System

4:00 pm - 4:15 pm  The Heart is More Than Just for Breaking: Thoracic Transplantation

4:15 pm - 4:30 pm  Mice are More Than Just Rodents: Advancing Transplantation through Scientific Discovery

4:00 pm – 4:20 pm  Tolerance: Determinants, Definitions And Forms
Megan Sykes, MD
Harvard University
Boston, MA, USA

4:20 pm – 4:40 pm  Immune Monitoring: Current Assays And Clinical Application In Pediatric Solid Organ Transplantation
Alberto Sanchez-Fueyo, MD, PhD
Kings College
London, United Kingdom

4:40 pm – 5:00 pm  Taking Tolerance To The Bedside: Models of Tolerance Induction, and When Immunosuppression is Needed: Lessons From Iwth
Sandy Feng, MD, PhD
University of California San Francisco
San Francisco, CA, USA

Long-term follow up, Achilles Heel of Pediatric Transplantation?
Moderators: Nancy Halnon, MD, University of California Los Angeles, Los Angeles, CA, USA and Beverly Kosmach-Park, DNP, RN, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

5:00 pm – 5:20 pm  What Are They Thinking? Developmental And Psychological Factors That Affect Adherence And Compliance In Pediatric Transplant Recipients
Rachel Annunziato, PhD
Fordham University
New York, NY, USA

**COFFEE BREAK IN THE EXHIBIT HALL**
4:00 pm – 4:30 pm

**CONCURRENT ORAL ABSTRACT SESSIONS**
4:30 pm – 6:00 pm

**POSTER SESSION II—PRESENTERS IN ATTENDANCE**
6:00 pm – 7:00 pm
Monday, June 13, 2016

**SUNRISE SYMPOSIA**

**7:00 am – 8:15 am**

**PRACTICAL CHALLENGES IN INTESTINAL TRANSPLANT – AN OPEN DISCUSSION WITH MAJOR CENTERS – A PANEL DISCUSSION**

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

Panelists: Rodrigo Vianna, MD
University of Miami
Miami, FL, USA

Kareem Abu-El Magd, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

Richard Shane Mangus, MD, MS, FACS
University of Indiana
Indianapolis, IN, USA

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

**PREGNANCY DONORS, RECIPIENTS, AND A LINK TO TOLERANCE**

Moderators: Deirdre Sawinski, University of Pennsylvania, Philadelphia, PA, USA and Lisa Coscia, RN, BSN, National Transplantation Pregnancy Registry, Philadelphia, PA, USA

**7:00 am – 7:25 am**

Living Donors and Pregnancy
Hassan Ibrahim, MD
University of Minnesota
Minneapolis, MN, USA

**7:25 am – 7:50 am**

National Transplant Pregnancy Registry: 2,500 Pregnancy Outcomes after Transplantation
Michael Montz, MD
Gift of Life Institute, National Transplantation Pregnancy Registry
Philadelphia, PA, USA

**7:50 am – 8:15 am**

Pregnancy: A State of Immune Tolerance
Paige Porrett, MD, PhD
University of Pennsylvania
Philadelphia, PA, USA

**OBESITY AND NASH IN TRANSPLANT**

Moderator: Mary Rinella, MD, Northwestern University, Chicago, IL, USA

**7:00 am – 7:25 am**

Novel NASH Therapies in the Transplant Setting
Rohit Loomba, MD, MHSc
University of California San Diego
San Diego, CA, USA

**7:25 am – 7:50 am**

Sarcopenic Obesity: Assessing Frailty and Risk in the face of Obesity
Jennifer Lai, MD, MBA
University of California San Francisco
San Francisco, CA, USA

**7:50 am – 8:15 am**

Timing and Results with Bariatric Surgery’s in Liver Transplantation
Julie Heimbach, MD
Mayo Clinic
Rochester, MN, USA

**DO HIGH-RISK TRANSPLANT RECIPIENTS TAKE HIGHER RISK WHEN TREATED WITH GENERIC TACROLIMUS?**

Moderators: Teun van Gelder, MD, Erasmus Medical Center, Rotterdam, The Netherlands and Wenlei Jiang, PhD, Food & Drug Administration, Office of Generic Drugs, City, State, USA

**7:00 am – 7:25 am**

Retrospective Analysis of Tacrolimus Trough Level Variability and the Identification of the “High Risk” Transplant Recipient
Rita Alloway, Pharm D
University of Cincinnati
Cincinnati, OH, USA

**7:25 am – 7:50 am**

Pharmacokinetic Studies of Brand and Five Generic Tacrolimus Formulation in High Risk Transplant Recipients
Uwe Christians, MD, PhD
University of Colorado
Aurora, CO, USA

**7:50 am – 8:15 am**

Evaluating Transplant Donor and Recipients Pharmacogenetics and its Impact on Variability in Tacrolimus and Metabolites Pharmacokinetics
Alexander Virks, PharmD
Cincinnati Children’s Medical Center
Cincinnati, OH, USA
HEART – DOES MY PATIENT HAVE AMR AND HOW DO I TREAT IT?

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

Panelists: Jignesh Patel, MD, PhD
Cedars Sinai Heart Institute
Los Angeles, CA, USA

Josef Stehlik, MD
University of Utah School of Medicine
Salt Lake City, UT, USA

7:00 am – 7:25 am   Case # 1: Patient With Normal Graft Function, No Antibodies Crossed At The Time Of Transplant, No DSA But Persistent IHC Staining
Jared Herr, MD
Sutter Health–Palo Alto Medical Foundation
Palo Alto, CA, USA

7:25 am – 7:50 am    Case # 2: Patient With Low MFI DSA, IHC Staining, And Normal Graft Function
Brent Lampert, D.O.
The Ohio State University
Wexner Medical Center
Bexley, OH, USA

7:50 am – 8:15 am   Case # 3: Patient With IHC Staining, DSA And Abnormal Graft Function
Van Selby, MD
University of California San Francisco
San Francisco, CA, USA

YOU CAN’T ALWAYS GET WHAT YOU WANT: MULTIDRUG RESISTANT ORGANISMS

Moderators: Nicole Theodoropoulos, MD, Ohio State University, Columbus, OH, USA and David VanDuin, MD, University of North Carolina, Chapel Hill, NC, USA

7:00 am – 7:25 am   Overview and Impact of Multidrug Resistant Organisms on Transplantation
Stephanie Pouch, MD, MS
Ohio State University Medical Center
Columbus, OH, USA

7:25 am – 7:50 am    On the Minus Side: Highly Resistant Gram negative Organisms and Transplantation
Christian Van Delden, MD
University Hospital Geneva
Geneva, Switzerland

ORGAN DONOR MANAGEMENT: MAXIMIZING QUALITY AND QUANTITY OF DONATED ORGANS

Moderators: Anil Parmesh, MD, FACS, Tulane University Abdominal Transplant Institute, New Orleans, LA

7:00 am – 7:25 am   The Toxic Milieu: Hemodynamic Changes of Brain Death
Rajat Dhar, MD, MRCPc
Washington University School of Medicine
St. Louis, MO, USA

7:25 am – 7:50 am    I’m Feeling Hormonal! Review of Endocrine Therapies during Organ Donor Management
Michael Souter, MB, ChB
The University of Washington
Seattle, WA, USA

7:50 am – 8:15 am   Newer Technologies and the Use of Hypothermia in Organ Donor Management
Claus Niemann, MD
University of California San Francisco
San Francisco, CA, USA

CELL DEATH PATHWAYS AND TRANSPLANTATION

Moderators: Reza Abdi, MD, Brigham and Women’s Hospital, Boston, MA and Anthony Jevnikar, MD, London Health Sciences Center, London, ON, Canada

7:00 am – 7:25 am   Regulated Necrosis Kidney Injury and Transplantation
Andreas Linkermann, FASN
University Hospital Schleswig-Holstein
Kiel, Germany

7:25 am – 7:50 am    Effects of Regulated Cell Death in in the Kidney on the Lung
Heitham Hassoun, MD
Johns Hopkins University
Baltimore, MD, USA
7:50 am – 8:15 am Small Molecules Necrostatins to Block Regulated Necrosis Parkinsons Disease TBD

MANAGEMENT OF UROLOGIC ISSUES AND COMPLICATIONS WITH RENAL TRANSPLANT

Moderators: Puneet Sindhwani, MD, University of Oklahoma College of Medicine, Oklahoma City, OK, USA and Eric Treat, MD, Methodist Hospital San Antonio, San Antonio, TX, USA

7:00 am – 7:15 am Bladder Physiology Before and After Renal Transplant
John Stoffel, MD
University of Michigan
Ann Arbor, MI, USA

Sara Lenherr, MD
University of Utah
Salt Lake City, UT

7:30 am – 7:45 am Understanding and Managing Urinary Symptoms in the Renal Transplant Patient
Lindsey Cox, MD
Medical University of South Carolina
Charleston, SC, USA

7:45 am – 8:00 am Endoscopic Management of Ureteral Strictures, Stones, or other ureteral pathology in the Transplant Ureter
Julie Riley, MD
University of New Mexico
Albuquerque, NM, USA

8:00 am – 8:15 am Management of Bladder Outlet Obstruction in the Transplant Patient
Mark Wakefield, MD
University of Missouri
Columbia, MO, USA

Break
8:15 am – 8:30 am

JOINT PLENARY–4 ORAL ABSTRACT PRESENTATIONS
8:30 am – 9:30 am

AST AWARDS
9:30 am – 9:45 am

AST PRESIDENTIAL ADDRESS
9:45 am – 10:15 am

COFFEE BREAK IN THE EXHIBIT HALL
10:15 am – 10:45 am

STATE-OF-THE-ART PRESENTATION
10:45 am – 11:15 am

CRISPR BIOLOGY AND THE FRONTIER OF GENOME ENGINEERING
Jennifer Doudna, PhD
Professor of Molecular and Cell Biology and Professor of Chemistry
University of California, Berkley
Berkley, CA, USA

Break
11:15 am – 11:30 am

MIDDAY SYMPOSIA
11:30 am – 1:00 pm

IMMUNE CELL TRAFFICKING IN VIVO NEW INSIGHTS
Moderators: Jonathan Bromberg, MD, PhD, University of Maryland School of Medicine, Baltimore, MD, USA and Xunrong Luo, MD, PhD, Northwestern University, Chicago, IL, USA

11:30 am – 12:00 pm B Cell/Plasma Cell Trafficking in Germinal Centers
Antal Rot, PhD
York University
York, United Kingdom

12:00 pm – 12:30 pm Analyzing Treg in Vivo
Jonathan Bromberg, MD, PhD
University of Maryland School of Medicine
Baltimore, MD, USA

12:30 pm – 1:00 pm Dendritic Cell Trafficking
TBD
### INNATE LYMPHOID CELLS

Moderators: Paolo Cravedi, MD, Mount Sinai School of Medicine, New York, NY, USA and Daniel Kreisel, MD, PhD, Washington University in St. Louis, St. Louis, MO, USA

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<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tr>
<td>11:30 am – 12:00 pm</td>
<td>Innate Lymphoid Cells – Regulators and Effectors of Immunity</td>
<td>TBD</td>
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<td>12:00 pm – 12:30 pm</td>
<td>Innate Lymphoid Cells and Mechanisms of Suppression Toward Commensal Bacteria</td>
<td>Arthur Mortha, PhD Mount Sinai School of Medicine New York, NY, USA</td>
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<tr>
<td>12:30 pm – 1:00 pm</td>
<td>Innate Lymphoid Cells</td>
<td>Gregory Sonnenberg, PhD Weill Cornell Medicine New York, NY, USA</td>
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### PANCREAS TRANSPLANTATION – HOW I DO IT!

Moderator: Steve Bartlett, MD, University of Maryland, Baltimore, MD, USA

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<tr>
<td>11:30 am – 12:00 pm</td>
<td>How I Choose the Appropriate Pancreas Donor and Recipient</td>
<td>Jon Odorico, MD University of Wisconsin Madison, WI, USA</td>
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<tr>
<td>12:00 pm – 12:30 pm</td>
<td>How I Perform the Complex Pancreatic Transplant Case</td>
<td>Robert Stratta, MD Wake Forest Baptist Health Winston-Salem, NC, USA</td>
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<tr>
<td>12:30 pm – 1:00 pm</td>
<td>How I Manage the Post-Operative Pancreatic Transplant Recipient</td>
<td>Raja Kandaswamy, MBBS University of Minnesota Minneapolis, MN, USA</td>
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### UNDERSTANDING AND MINIMIZING THE COSTS OF LIVING KIDNEY DONATION

Moderators: David Cohen, MD, Columbia University Medical Center, New York, NY, USA and Amit Mathur, MD, MS, Mayo Clinic Arizona, Phoenix, AZ, USA

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<tr>
<td>11:30 am – 12:00 pm</td>
<td>Financial Burdens of Living Donation in the Current US System</td>
<td>Rebecca Hays, PhD University of Wisconsin Madison, WI, USA</td>
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<td>12:00 pm – 12:30 pm</td>
<td>Reimbursement of Donor Costs Impacts the Opportunity to Be a Living Donor</td>
<td>Robert Merion, MD University of Michigan Ann Arbor, MI, USA</td>
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<td>12:30 pm – 1:00 pm</td>
<td>What Approaches Do We Need to Develop to Minimize the Financial Costs Associated with Living Donation that May Preclude Individuals from Exercising Their Wishes?</td>
<td>Alan Langnas, DO University of Nebraska Medical Center Omaha, NE, USA</td>
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### VIRAL HEPATITIS PRE-, PERI- AND POST-LIVER TRANSPLANTATION

Moderators: Michael Charlton, MD, Intermountain Medical Center, Murray, UT, USA and Michael Curry, MD, Beth Israel Deaconess Medical Center, Boston, MA, USA

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<tr>
<td>11:30 am – 12:00 pm</td>
<td>When to Treat Decompensated HCV Patients to Avoid Transplant: The Point of No Return</td>
<td>Rajender Reddy, MD University of Pennsylvania Philadelphia, PA, USA</td>
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<td>12:00 pm – 12:30 pm</td>
<td>Perioperative/Prophylactic HCV Treatment: Optimally Timing and Treatment</td>
<td>Norah Terrault, MD, MPH University of California San Francisco San Francisco, CA, USA</td>
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<tr>
<td>12:30 pm – 1:00 pm</td>
<td>Post-operative HCV Therapy</td>
<td>Elizabeth Verna, MD, MS Columbia University New York, NY, USA</td>
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HEART – CONTROVERSIES IN IMMUNOSUPPRESSION
Moderators: Sean Pinney, MD, Mount Sinai School of Medicine, New York, NY, USA and Lori West, MD, D.Phil, University of Alberta, Edmonton, AB, Canada

11:30 am – 12:00 pm Debate #1: The Use Of Induction Therapy To Delay The Introduction Of Calcineurins Is Effective In Mitigating Renal Dysfunction Post-Transplant

11:30 am – 11:40 am PRO Josef Stehlik, MD University of Utah School of Medicine Salt Lake City, UT, USA

11:40 am – 11:50 am CON Allen Anderson, MD, FACC Northwestern Memorial Hospital Chicago, IL, USA

11:50 am – 12:00 pm REBUTTALS

12:00 pm – 12:30 pm Debate #2: All Patients Who Develop Post-Transplant Renal Dysfunction Should Be Converted To A CNI-Free Regimen

12:00 pm – 12:10 pm PRO Michael Shullo, BS, PharmD University of Pittsburgh Medical Center Pittsburgh, PA, USA

12:10 pm – 12:20 pm CON David Baran, MD Barnabas Health Livingston, NJ, USA

12:20 pm – 12:30 pm REBUTTALS

12:30 pm – 1:00 pm Debate #3: All Patients Should Be Converted To A PSI-Based Regimen By 3 Months After Cardiac Transplantation

12:30 pm – 12:40 pm PRO Andreas Zuckerman, MD Medical University of Vienna Vienna, Austria

12:40 pm – 12:50 pm CON Jon Kobashigawa, MD Cedars Sinai Heart Institute Los Angeles, CA, USA

12:50 pm – 1:00 pm REBUTTALS

CUTTING EDGE TOPICS IN CMV AND TRANSPLANT
Moderators: Raymond Razonable, MD, Mayo Clinic, Rochester, MN, USA and Deepali Kumar, MD, University Health Network, Toronto, ON, Canada

11:30 am – 12:00 pm Savvy Approaches to Prevention Emily Blumberg, MD University Hospital of Pennsylvania Philadelphia, PA, USA

12:00 pm – 12:30 pm Predicting the Future: Immunodiagnostics and CMV Diane Florescu, MD University of Nebraska Medical Center Omaha, NE, USA

12:30 pm – 1:00 pm Challenging Clinical CMV Cases TBD

FAR FROM THE MADDING CROWD: BEST PRACTICES IN OPO AND TRANSPLANT CENTER LEADERSHIP
Moderator: Bertram Kasiske, MD, Hennepin County Medical Center, Minneapolis, MN, USA

11:30 am – 12:00 pm Performance Anxiety: When Less Focus on Metrics Leads to More Transplants Jeffrey Orlowski, MD Lifeshare Oklahoma City, OK, USA

12:00 – 12:30 pm Risk Adjustment and Program Specific Reports: Friend or Foe? David Axelrod, MD, MBA Dartmouth-Hitchcock Medical Center Lebanon, NH, USA

12:30 pm – 1:00 pm Opportunities And Best Practices For Transplant Center And OPO Interaction Thomas Pearson, MD, D Phil Emory University Transplant Center Atlanta, GA, USA
TECHNICAL CHALLENGES IN LIVER TRANSPLANTATION – AUDIENCE RESPONSE PROGRAM

Moderators: Goran Klintmalm, MD, PhD, Baylor University Medical Center, Dallas, TX, USA; Seth Karp, MD, Vanderbilt University Medical Center, Nashville, TN, USA and Jean Emond, MD, Columbia University Medical Center, New York, NY, USA

11:30 am – 11:45 pm  Preoperative Endovascular Portal Vein Recanalization And TIPS Placement In Transplant Candidates With Complete Portal Vein Thrombosis
Riad Salam, MD
Northwestern University Feinberg School of Medicine
Chicago, IL, USA

11:45 am – 11:50 am  Discussion

11:50 am – 12:25 pm  Challenging Intraoperative Reconstruction Problems: Cases with Audience Response and Panel Discussion
John Seal, MD
Ochsner Medical Center
New Orleans, LA, USA

12:25 pm – 1:00 pm  Surgical Management Challenges After Liver Transplant: Cases with Audience Response and Panel Discussion
Sean Kumer, MD, PhD
University of Kansas
Kansas City, KS, USA

NEW AVENUES FOR DEVELOPING BIOMARKERS

Moderators: Stan Stepkowski, PhD, DVM, University of Toledo, Toledo, OH, USA

11:30 am – 12:00 pm  Aptamer Based Biomarker Discovery
John Wilkins, PhD
University of Manitoba
Winnipeg, MB, CANADA

12:00 pm – 12:30 pm  Monitoring Donor-Derived DNA as a Marker of Graft Injury
Kiran Khush, MD, MAS
Stanford University
Stanford, CA, USA

12:30 pm – 1:00 pm  Discerning Host Alloimmunity by T cell Receptor Sequencing
Megan Sykes, MD
Columbia University
New York, NY, USA

IMPACT OF BELATACEPT IN THE CLINIC

Moderators: Dixon Kaufman, MD, PhD, University of Wisconsin, Madison, WI, USA and Daniel Brennan, MD, FACP, Barnes Jewish Hospital, St. Louis, MO, USA

11:30 am – 11:50 am  A High Level Overview of all the Published Trials using Belatacept with an Emphasis on Factors that May Limit Clinical Application
Allan Kirk, MD, PhD
Duke University
Durham, NC, USA

11:50 am – 12:10 pm  Use of CNI as Prolonged Induction Therapy to Facilitate a Belatacept-based Maintenance Regimen
Andrew Adams, MD, PhD
Emory University
Atlanta, GA, USA

12:10 pm – 12:30 pm  Early Conversion to a mTOR Using a Belatacept-based Regimen
Flavio Vincenti, MD
University of California San Francisco
San Francisco, CA, USA

12:30 pm – 1:00 pm  Planned Conversion from a CNI-based regimen to Belatacept
Josep Grinyo, MD
University of Barcelona
Barcelona, Spain

DETECTING AND DEALING WITH NON-ADHERENCE IN TRANSPLANT RECIPIENTS

Moderators: Samir Patel, PharmD, The Methodist Hospital, Houston, TX, USA and James Rodrigue, PhD, Beth Israel Deaconess Medical Center, Boston, MA, USA

11:30 am – 12:00 pm  Non-Adherence: How Do You Define That Anyway?
Marie Chisholm-Burns, PharmD
University of Tennessee College of Pharmacy
Memphis, TN, USA

12:00 pm – 12:30 pm  Determining Non-Adherence Risk Prior To Transplantation
Emily Fredericks, PhD
University of Michigan
Ann Arbor, MI, USA
12:30 pm – 1:00 pm  Methods And Technologies To Improve Adherence In The Transplant Recipients
Seth Heldenbrand, PharmD
University of Arkansas for Medical Sciences College of Pharmacy
Little Rock, AR, USA

Break
1:00 pm – 2:15 pm

2:30 pm – 4:00 pm  CONCURRENT ORAL ABSTRACT SESSIONS

2:30 pm – 5:00 pm  Variability in Behavioral Outcomes, Practice Patterns, and Health Care Policy Factors and their Interrelations Across 11 Countries in Heart Transplantation
Fabienne Dobbels, PhD
University of Leuven
Leuven, Belgium

3:30 pm – 4:30 pm  How Can the BRIGHT Study Transform Transplant Programs Care Provision?
Sabina DeGeest, PhD, RN
University of Basel
Basel, Switzerland

2:30 pm – 3:00 pm  MALT Study: Methods, Implementation, Primary and Secondary Analysis Results
Eyal Shemesh, MD
Ichan School of Medicine at Mt. Sinai
New York, NY, USA

3:00 pm – 3:30 pm  Insights from MALT: Effects of Barriers to Adherence, Transition of Responsibility for Care, and Psychosocial Variables
Estella Alonso, MD
Ann & Robert H. Lurie Children’s Hospital
Chicago, IL, USA

3:30 pm – 4:00 pm  Putting it All Together: Implications of MALT Results to Clinical Research and to Post Transplant Care
George Mazariegos, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA, USA

4:00 pm – 4:30 pm  The BRIGHT Study: an Intercontinental Study to Assess Practice Patterns and Behavioral Outcomes in Heart Transplantation: Rationale & Methods
Cindy Russell, PhD, RN
University of Missouri
Kansas City, MO, USA

4:30 pm – 5:00 pm  COFFEE BREAK IN THE EXHIBIT HALL

5:00 pm – 5:30 pm  POSTER SESSION III–PRESENTERS IN ATTENDANCE

Tuesday, June 14, 2016

7:00 am – 8:15 am  SUNRISE SYMPOSIA

7:00 am – 7:25 am  Histopathological and Molecular Features of Chronic Antibody-Mediated Rejection
Banu Sis, MD
University of Alberta
Edmonton, Canada

7:25 am – 7:50 am  Chronic T-Cell Mediated Rejection: Does it Exist and How to Diagnose by Molecular Microscope?
Enver Akalin, MD
Albert Einstein College of Medicine
Montefiore Medical Center
Bronx, NY, USA
7:50 am – 8:15 am | Evaluation of Molecular Profiles in Calcineurin Inhibitor Toxicity after Kidney Transplant: Input to Chronic Allograft Dysfunction
Valeria Mas, PhD
University of Virginia Health System
Charlottesville, VA, USA

FAT AND INFLAMMATION BASIC
Moderators: Stefan Tullius, MD, PhD, Brigham and Women’s Hospital, Boston, MA, USA and Rebecca Schilling, MD, University of Illinois, Chicago, IL, USA

7:00 am – 7:25 am | Protective iNKT Cells and Obesity Interactions with Adaptive Immunity
TBD

7:25 am – 7:50 am | Diet and Inflammation
Bing Li, PhD
University of Minnesota
Rochester, MN, USA

7:50 am – 8:15 am | Hyperlipidemia Prevents Transplant Tolerance
John Iacomini, MD
Tufts University
Boston, MA, USA

LIVER RETRANSPANTATION: WHO AND HOW
Moderators: Daniel Ganger, MD, Northwestern University, Chicago, IL, USA and Igal Kam, MD, University of Colorado, Aurora, CO, USA

7:00 am – 7:25 am | Indications and Selection of the Optimal Candidate for Retransplantation
Kim Olthoff, MD
University of Pennsylvania
Philadelphia, PA, USA

7:25 am – 7:50 am | Surgical Controversies and Obstacles in Liver Re-Transplantation
Michael Abecassis, MD, MBA
Northwestern University
Chicago, IL, USA

7:50 am – 8:15 am | Making it Work the Second Time Around: Optimizing Outcomes
Helen Te, MD
University of Chicago
Chicago, IL, USA

IMMENENT DEATH DONATION
Moderators: David Mulligan, MD, Yale-New Haven Hospital, New Haven, CT, USA

7:00 am – 7:25 am | Imminent Death Donation: An Alternative to DCD
Paul Morrissey, MD
Rhode Island Hospital
Providence, RI, USA

7:25 am – 7:50 am | Ethical Concerns with Imminent Death Donation
TBD

7:50 am – 8:15 am | Consent and Legal Aspects of Imminent Death Donation
Alexandra Glazier, JD
New England Organ Bank
Waltham, MA, USA

ETHICAL DILEMMAS RELATED TO THE INTERNET AND TRANSPLANT
Moderators: Elmahdi Elkhammas, MD, MBBS, Ohio State University Wexner Medical Center and Elisa Gordon, PhD, MPH, Northwestern University Feinberg School of Medicine

7:00 am – 7:25 am | Googling your Patients: Helpful or a Headache?
Kristin Kuntz, PhD
Ohio State University Medical Center
Columbus, OH, USA

7:25 am – 7:50 am | Potential Pitfalls of Seeking Living Donors Online
James Rodrigue, PhD
Beth Israel Deaconess Medical Center
Boston, MA, USA

7:50 am – 8:15 am | The Effect of Social Media on Public Perception About Transplant
Jody Jones, PhD
University of Iowa Carver College of Medicine
Iowa City, IA, USA
WOMEN IN TRANSPLANT – NETWORKING BREAKFAST
Moderators: Elaine Reed, PhD, University of California Los Angeles, Los Angeles, CA, USA and Elmi Muller, University of Cape Town, Tyger Valley, Cape Town, South Africa
Co-sponsored by The Transplantation Society

7:00 am – 7:25 am  
Career Development Basics for a Successful Career in Transplantation  
Nancy Ascher, MD, PhD  
University of California San Francisco  
San Francisco, CA, USA

7:25 am – 7:50 am  
Negotiation Skills - What you Need to Say to Get What You Want  
Lori West, MD, D.Phil.  
University of Alberta  
Edmonton, AB, Canada

7:50 am – 8:15 am  
Panel Discussion:  
Anita Chong, MD, PhD  
University of Chicago  
Chicago, IL, USA  
Rebecca Hays, MSW  
University of Wisconsin Hospital  
Madison, WI, USA  
Michele Morris, MD, FACP  
University of Miami  
Miami Beach, FL, USA  
Elaine Reed, PhD  
University of California Los Angeles  
Los Angeles, CA, USA  
Anat Tambur, DMB, PhD  
Northwestern University  
Chicago, IL, USA  
Adriana Zeevi, PhD  
University of Pittsburgh Medical Center  
Pittsburgh, PA, USA

BK VIRUS AND THE RENAL ALLOGRAFT: A 360 DEGREE VIEW
Moderators: Vikas Dharnidharka, MD, MPH, Washington University St. Louis, St. Louis, MO, USA and David Wojciechowski, DO, MGH/Harvard Medical School, Boston, MA, USA

7:00 am – 7:25 am  
Understanding BK Virus Associated Nephropathy from the Virus’s Viewpoint  
Hans Hirsch, MD, MSc  
University of Basel  
Basel, Switzerland

7:25 am – 7:50 am  
The Immune Response to BK Virus after Kidney Transplantation  
Joanna Schenaen, MD, PhD  
University of California Los Angeles  
Los Angeles, CA, USA

7:50 am – 8:15 am  
Pathophysiology of BK Virus Infection in the Kidney: Nephropathy, Rejection, and Malignancy  
Cinthia Drachenberg, MD  
University of Maryland  
Baltimore, MD, USA

THE CURRENT STATUS OF THE US WORKFORCE OF TRANSPLANT SURGEONS AND NEW PARADIGMS IN TRANSPLANT TRAINING
Moderators: Kristian Enestvedt, MD, Oregon Health & Science University, Portland, OR and Sunil Geevarghese, MD, MSCI, FACS, Vanderbilt University School of Medicine, Nashville, TN, USA

7:00 am – 7:25 am  
A Career In Transplant Surgery And The Current Status Of The Surgical Workforce In Transplantation  
Juan Rocca, MD  
Montefiore Medical Center  
Bronx, NY, USA

7:25 am – 7:50 am  
Tracking Into Transplantation: Shortened Training Program  
William Chapman, MD  
Washington University in St. Louis  
St. Louis, MO, USA

7:50 am – 8:15 am  
New Tools And Techniques For Education In Advanced Surgery  
Benjamin Samstein, MD  
Columbia University Medical Center  
New York, NY, USA
EVALUATION OF THE MEDICALLY COMPLEX LIVING KIDNEY DONOR

Moderators: Emilio Poggio, MD, Cleveland Clinic Foundation, Cleveland, OH, USA and Christie Thomas, MD, University of Iowa College of Medicine, USA

7:00 am – 7:25 am  Living Kidney Donors with Kidney Stones  
Stuart Flechener, MD  
Cleveland Clinic Foundation  
Cleveland, OH, USA

7:25 pm – 7:50 am  Living Kidney Donors with Microscopic Hematuria  
Bertram Kasiske, MD  
Hennepin County Medical Center  
Minneapolis, MN, USA

7:50 am – 8:15 am  Living Kidney Donors with Prediabetes and Metabolic Syndrome  
Sindhu Chandran, MBBS  
University of California San Francisco  
San Francisco, CA, USA

Break  
8:15 am – 8:30 am

JOINT PLENARY–3 ORAL ABSTRACT PRESENTATIONS  
8:30 am – 9:15 am

ASTS GRANTS  
9:15 am – 9:30 am

ASTS PRESIDENTIAL ADDRESS  
9:30 am – 10:00 am

COFFEE BREAK IN THE EXHIBIT HALL  
10:00 am – 10:30 am

CONTROVERSIES IN TRANSPLANTATION–REENACTING THE CIVIL WAR–GEOGRAPHIC DISPARITIES IN TRANSPLANTATION

Moderators: Stuart Sweet, MD, PhD, Washington University, St. Louis, MO, USA and Alexander Wiseman, MD, University of Colorado at Denver, Aurora, CO, USA

10:30 am – 10:40 am  The Argument in Favor of Redistricting and Potential Solutions/Models  
Daniela Ladner, MD, MPH  
Northwestern University  
Chicago, IL, USA

10:50 am – 11:00 am  Keeping Organs Local Rewards OPO and Transplant Center Performance and is More Cost Effective  
Stuart Knechtle  
Duke University Medical Center  
Durham, NC, USA

10:50 pm – 10:55 am  Should Organ Distribution Models Be Based on Measures Other Than the Transplant Waitlist  
Robert Merion, MD  
University of Michigan  
Ann Arbor, MI, USA

10:55 am – 11:00 am  Panel Discussion with Audience Participation

CELLULAR THERAPY VERSUS ENHANCING ENDOGENOUS IMMUNOREGULATION - TO TRANSFER OR TO INDUCE?

Moderators: TBD

10:30 am – 10:40 am  Cellular Therapy  
Sandy Feng, MD, PhD  
University of California San Francisco  
San Francisco, CA, USA

10:40 am – 10:50 am  Enhance Endogenous Immunoregulation  
Robert Fairchild, PhD  
Cleveland Clinic Foundation  
Cleveland, OH, USA

10:50 am – 10:55 am  Rebuttal  
Sandy Feng, MD, PhD  
University of California San Francisco  
San Francisco, CA, USA

10:55 am – 11:00 am  Rebuttal  
Robert Fairchild, PhD  
Cleveland Clinic Foundation  
Cleveland, OH, USA

11:00 am – 11:15 am  Discussion

Break  
11:15 am – 11:30 am
MIDDAY SYMPOSIA
11:30 am – 1:00 pm

AUTOPHAGY AND IMMUNITY
Moderators: Bernd Schroppel, MD, University of Ulm, Ulm, Germany and Anthony Dorling, PhD, FRCP, Kings College, London, United Kingdom

11:30 am – 12:00 pm  Autophagy in Immunity and Inflammation
Douglas Green, PhD
St. Jude Children’s Research Hospital
Memphis, TN, USA

12:00 pm – 12:30 pm  B Cell Autophagy
Jin Wang, PhD
Baylor College of Medicine
Houston, TX, USA

12:30 pm – 1:00 pm  Autophagy and Bone Marrow Transplantation
Marcel Van den Brink, MD, PhD
Memorial Sloan Kettering Cancer Center
New York, NY, USA

INNATE AND ADAPTIVE IMMUNE MEMORY
Moderators: Mandy Ford, PhD, Emory University, Atlanta, GA, USA and Anna Marie Waaga-Gasser, PhD, University of Wuerzburg, Wuerzburg, Germany

11:30 am – 12:00 pm  Innate Memory
Fadi Lakkis, MD
University of Pittsburgh
Pittsburgh, PA, USA

12:00 pm – 12:30 pm  NK Cell Memory
TBD

12:30 pm – 1:00 pm  Evolving Status of Long Term T cell Memory to Pathogens
Dirk Homann, MD, MA
Mount Sinai Hospital
New York, NY, USA

TOWARD ADOPTING MOLECULAR DIAGNOSTICS AS STANDARD OF CARE IN TRANSPLANTATION
Moderators: Sophie Brouard, PhD, DVM, University of Nantes, Nantes, France and Barbara Murphy, PhD, Mount Sinai Medical Center, New York, NY, USA

11:30 am – 12:00 pm  From Discovery Science to Standard of Care – A Lesson from Breast Cancer
Philip Bernard, MD
University of Utah
Salt Lake City, UT, USA

12:00 pm – 12:30 pm  Report on Consensus Conference for Transplant Molecular Diagnostics from the BANFF 2015 Meeting
Michael Mengel, MD
University of Alberta
Edmonton, AB, Canada

12:30 pm – 1:00 pm  Adopting a Molecular Test for Transplant Care
Michael Abecassis, MD, MBA
University of California San Francisco
San Francisco, CA, USA

DEAL BREAKERS IN VCA–WHEN TO SAY “UNCLE”
Moderator: Michael Marvin, MD, University of Louisville, Louisville, KY, USA

11:30 am – 12:00 pm  Rule-Outs During Evaluation for VCA
TBD

12:00 pm – 12:30 pm  When to Excise a Vascularized Composite Allograft and Exit Strategies
Emmanuel Morelon, MD, PhD
University Claude Bernard
Lyon, France

12:30 pm – 1:00 pm  Emerging Clinical Applications in VCA: Can We do Them? Vs. Should We do Them?
Arthur Caplan, PhD
NYU School of Medicine
New York, NY, USA
CROSS-DISCIPLINARY UNDERSTANDING OF THE RISK OF FRAILTY IN TRANSPLANTATION

Moderators: Steven Gabardi, PharmD, Brigham and Women’s Hospital, Boston, MA, USA and Joanna Schaenman, MD, PhD, University of California Los Angeles, Los Angeles, CA, USA

11:30 am – 12:00 pm  Why Does Frailty Matter in Solid Organ Transplantation?
Cassie Kennedy, MD
Mayo Clinic
Rochester, MN, USA

12:00 pm – 12:30 pm  Measures and Methods: How Does One Measure Frailty?
Jennifer Lai, MD, MBA
University of California San Francisco
San Francisco, CA, USA

12:30 pm – 1:00 pm  Fixing Frailty – Is the Goal Feasible or Desirable in Solid Organ Transplantation?
Michael Englesbe, MD
University of Michigan
Ann Arbor, MI, USA

LIVER ALLOCATION

Moderators: David Foley, MD, FACS, University of Wisconsin School of Medicine, Madison, WI, USA and Sanjay Mehrotra, MD, Northwestern University, Chicago, IL, USA

11:30 am – 11:50 am  What Have We Learned from Share 35?
Ryutaro Hirose, MD
University of California San Francisco
San Francisco, CA, USA

11:50 am – 12:10 pm  Improving Allocation and Distribution by Defining the Best Metrics?
David Goldberg, MD, MSCE
University of Pennsylvania
Philadelphia, PA, USA

12:10 pm – 12:30 pm  Financial and Logistical Considerations in Redistricting
Richard Gilroy, MD
University of Kansas Medical Center
Lawrence, KS, USA

12:30 pm – 1:00 pm  Panel Discussion

ESRD ATTRIBUTABLE TO KIDNEY DONATION

Moderators: Robert Gaston, MD, University of Alabama, Birmingham, AL, USA and Dorry Segev, MD, PhD, Johns Hopkins University, Baltimore, MD, USA

11:30 am – 12:00 pm  ESRD in the General Population in Relatives with Those with ESRD
Alexander Wiseman, MD
University of Colorado
Aurora, CO, USA

12:00 pm – 12:30 pm  Known Etiology of ESRD in Kidney Donors
Arthur Matas, MD
University of Minnesota
Minneapolis, MN, USA

12:30 pm – 1:00 pm  Discussing ESRD Risks With Donor Candidates
Peter Reese, MD
University of Pennsylvania
Philadelphia, PA, USA

INCREASING DECEASED DONOR ORGANS: OVERCOMING BARRIERS TO DONOR INTERVENTION RESEARCH

Moderators: James Rodrigue, PhD, Beth Israel Deaconess Medical Center, Boston, MA, USA and Sandy Feng, MD, PhD, University of California San Francisco, San Francisco, CA, USA

11:30 am – 12:00 pm  Deceased Donor Intervention Research: OPO Perspective
Alexandra Glazier, JD
New England Organ Bank
Waltham, MA, USA

12:00 pm – 12:30 pm  Deceased Donor Intervention Research: Researcher’s Perspective
Claus Niemann, MD
University of California San Francisco
San Francisco, CA, USA

12:30 pm – 1:00 pm  Deceased Donor Intervention Research: Where Do We Go From Here? Who Should be Consented: Donor Family, Organ Recipient or Both?
Peter Abt, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA
UPDATES IN THORACIC AND COMBINED THORACIC/ABDOMINAL ORGAN ALLOCATION

Moderators: A. Michael Borkon, MD, Mid-America Heart Institute, Kansas City, MO and Martin Zamora, MD, University of Colorado Health Sciences Center, Aurora, CO, USA

11:30 pm – 12:00 pm Changes and Updates to the Lung Allocation and Heart/Lung Allocation
Maryam Valapour, MD, MPP
Cleveland Clinic Foundation
Cleveland, OH, USA

12:00 pm – 12:30 pm Updates and Changes to Heart Allocation
Joseph Rogers, MD
Duke University
Durham, NC, USA

12:30 pm – 1:00 pm Combined Thoracic and Abdominal Organ Allocation
Yolanda Becker, MD
University of Chicago
Chicago, IL, USA

LIVER DISEASE IN THE NON-LIVER TRANSPLANT PATIENT

Moderators: Paul Martin, MD, University of Miami, Miami, FL, USA and Josh Levitsky, MD, MS, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

11:30 am – 12:00 pm The Transplant Candidate with Abnormal LFTs?
K. Ram Bhamidimarri, MD, MPH
University of Miami
Miami, FL, USA

12:00 pm – 12:30 pm The Transplant Recipient With Abnormal Liver Function Tests
Michael Charlton, MD
Intermountain Medical Center
Murray, UT, USA

12:30 pm – 1:00 pm Treating Viral Hepatits Pre- And Post-Transplant
Elizabeth Verna, MD, MS
Columbia University
Brooklyn, NY, USA

NOVEL SOLUTIONS TO GEOGRAPHIC DISPARITIES IN KIDNEY TRANSPLANTATION

Moderators: Kenneth Andreoni, MD, University of Florida, Gainesville, FL, USA and John Friedewald, MD, Northwestern University, Chicago, IL, USA

11:30 am – 12:00 pm An Update on the OPTN Process to Improve Geographic Disparities in Allocation of Kidneys
Mark Aeder, MD
University Hospitals of Cleveland
Cleveland, OH, USA

12:00 pm – 12:30 pm Novel Methods to Address Geographic Disparity
Daniela Ladner, MD, MPH
Northwestern University
Chicago, IL, USA

12:30 pm – 1:00 pm Geographic Disparities Reflect Local Practice and Donation Patterns
Stephen Pastan, MD
Emory University
Atlanta, GA, USA

SUBCLINICAL TCMR AND ABMR IN KIDNEY TRANSPLANTATION: PATHOGENESIS AND MANAGEMENT

Moderators: Peter Nickerson, MD, University of Manitoba, Winnipeg, MB, Canada and Flavio Vincenti, MD, University of California San Francisco, San Francisco, CA, USA

11:30 am – 12:00 pm Subclinical TCMR And ABMR In The Unsensitized Patient: Risk Factors, Pathogenesis, Histological Phenotypes, Surveillance And Evolution
David Rush, MD
University of Manitoba
Winnepeg, MB, Canada

12:00 pm – 12:30 pm Subclinical TCMR And ABMR In The Sensitized Patient: Risk Factors, Pathogenesis, Histological Phenotypes, Surveillance And Evolution
Mark Stegall, MD
Mayo Clinic
Rochester, MN, USA

12:30 pm – 1:00 pm Clinical Management Of Sub-Clinical Rejection And Future Studies
Sundaram Hanharan, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA
LUNCHEON WORKSHOPS
Ticket Event with Separate Registration Fee. Space is limited to the first 50 registrants.

1:00 pm – 2:00 pm

#6 Emerging Viruses – Responding to Outbreaks and Impact on Transplantation
Moderators: Michael Ison, MD, MS, Northwestern University, Chicago, IL, USA and Michele Morris, MD, FACP, University of Miami, Miami Beach, FL, USA

#7 Case-based Approaches to Optimizing Transitions of Care and Patient Education
Moderators: Jeong Park, MS, PharmD, BCPS, University of Michigan, Ann Arbor, MI, USA and Patrice Pfeiffenberger, RN, BSN, Penn Transplant Institute

#8 Total Pancreatectomy and Islet Cell Auto Transplantation
Moderators: Srinath Chinnakotla, MD, University of Minnesota, Minneapolis, MN, USA and Chirag Desai, MD, Medstar Georgetown Transplant Institute

#9 Strategies and Tactics for Growing a Transplant Program
Moderators: Malay B. Shah, MD, FACS, University of Kentucky, Lexington, KY, USA and Rebecca Craft, MBA, MS, University of Kentucky, Lexington, KY, USA

#10 Procurement and Putting it Back Together: Reconstruction Options after Injury
Moderators: David Foley, MD, FACS, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA and Kelly Wright, Vanderbilt School of Medicine, Nashville, TN, USA

#11 Achieving Autonomy
Moderators: Vineeta Kumar, MD, University of Alabama at Birmingham, Birmingham, AL, USA and Jonathan Fryer, MD, Northwestern Medical Faculty Foundation, Chicago, IL, USA

#12 Getting Your Research Published: A Workshop for New Authors
Moderators: Allan D. Kirk, MD, PhD, Duke University, Durham, NC, USA; Francisco Marty, MD; Ron Shapiro, MD, Mount Sinai Hospital, New York, NY, USA and Steven A. Webber, MBA, MRCP, Vanderbilt University, Nashville, TN, USA

Break
2:00 pm – 2:15 pm

CONCURRENT ORAL ABSTRACT SESSIONS
2:30 pm – 4:00 pm

ALLIED HEALTH SYMPOSIUM 2
2:30 pm – 5:30 pm

TRANSPLANT PHARMACY IN THE 21ST CENTURY. STRENGTHENING AN IDENTITY THROUGH OPTIMAL PRACTICE

Fulfilling Responsibilities to the Pharmacy Department
Moderators: Christina Doligalski, PharmD, Lutz, FL, USA and David Taber, PharmD, Medical University of South Carolina, Charleston, SC, USA

2:30 pm – 2:45 pm

Impact of the Transplant Pharmacist on Formulary Management: An Administrative and Clinical Perspective

Administrative
James Thielke, PharmD
University of Illinois at Chicago
Chicago, IL, USA

Day to Day
Sabrina Lee, PharmD
Keck Medical Center of USC
Temple City, CA, USA

2:45 pm – 3:00 pm

Balancing Clinical and Operational Responsibilities: Establishing a Role at a New Transplant Program and a Large Established Center

Administrative Perspective/Large Institution
Eric Tichy, PharmD
Yale-New Haven Hospital
New Haven, CT, USA

New Program Perspective
Spencer Martin, PharmD
Hartford Hospital
Hartford, CT, USA

3:00 pm – 3:15 pm

Optimizing Information Technology in Daily Activities: An Inpatient and Outpatient Perspective

Inpatient Perspective
Demetra Tsapepas, PharmD
New York Presbyterian Hospital
New York, NY, USA

Outpatient Perspective
Jaclyn McKeen, PharmD
Hackensack University Medical Center
Hackensack, NJ, USA
THE PHARMACISTS ROLE IN INDIVIDUALIZING PATIENT CARE

Moderators: Reed Hall, PharmD, University Hospital, San Antonio, TX, USA and Lindsey Pote, PharmD, Johns Hopkins, Baltimore, MD, USA

3:30 pm – 3:45 pm
Optimizing Medication Therapy Management in the Hospital Setting: Providing Effective Patient Care in Traditional and Nontraditional Roles

Traditional
Timothy Horwedel, PharmD
Barnes-Jewish Hospital
St. Louis, MO, USA

Non-Traditional
Charity Thompson, PharmD, BCPS
The University of Kansas Hospital
Kansas City, KS, USA

3:45 pm – 4:00 pm
Education Techniques in Patients with Learning Challenges: A Focus on Methods for Those with Poor Health Literacy and Sensory Impairment

Sensory Impaired
Chelsea Sammons, PharmD
New York-Presbyterian Hospital
New York, NY, USA

Poor Health Literacy
Mary Moss, PharmD
University of Maryland Medical Center
Baltimore, MD, USA

4:00 pm – 4:15 pm
Overcoming Financial Hurdles in the Post-transplant Setting: Optimizing Insurance Coverage and use of Alternative Methods

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

Other Mechanisms
TBD

RESPONSIBILITIES OF THE TRANSPLANT PHARMACIST TO THE TRANSPLANT CENTER

Moderator: Glenn Pearson, Mazankowski Alberta Heart Institute
University of Alberta, Edmonton, AB, Canada

4:30 pm – 4:45 pm
Pharmacist Involvement In QAPI Programing: Providing Oversight And Leadership In QAPI Projects

Pharmacist Led Quality Program
Tiffany Kaiser, PharmD
University of Cincinnati
Cincinnati, OH, USA

Pharmacist Led Quality Projects
Jen Iuppa, PharmD
University of Rochester
Rochester, NY, USA

4:45 pm – 5:00 pm
Optimizing The Role Of The Pharmacist In The Ambulatory Clinic: Impact On Pre And Post-Transplant Care

Pre-transplant
Steven Gabardi, PharmD
Brigham & Women’s Hospital
Boston, MA, USA

Post-transplant
James Fleming, PharmD
Medical University of South Carolina
Charleston, SC, USA

5:00 pm – 5:15 pm
Successfully Billing For Pharmacist Services In The Ambulatory Setting: Effective Strategies For A Hospital Based And Private Practice Setting

Hospital Based Clinic
Maya Campara, PharmD
University of Illinois at Chicago
Chicago, IL, USA

Private Practice Clinic
Angela Maldonado, PharmD
Vidant Medical Center – Transplant Services
Greenville, NC, USA
PEDiATRIC SYMPOSIUM 2—ANTIbODIES: GOOD, BAD AND CUSTOMIZED

Antibody Mediated Graft Injury in Pediatric Organ Transplantation

Moderators: Robert Venick, MD, Mattel Children’s Hospital at UCLA, Los Angeles, CA, USA and Sharon Bartosh, University of Wisconsin, Madison, WI, USA

2:30 pm – 2:50 pm  Basics of Antibody Mediated Graft Injury
Eileen Tsai Chambers, MD
University of California Los Angeles
Los Angeles, CA, USA

2:50 pm – 3:10 pm  Evolving Role of Antibody Mediated Rejection in Pediatric Liver Transplantation
Laura Wozniak, MD, MS
UCLA Mattel Children’s Hospital
Los Angeles, CA, USA

3:10 pm – 3:30 pm  Prevention and Treatment Strategies for Antibody Mediated Rejection
Jens Goebel, MD
Cincinnati Children’s Hospital
Cincinnati, OH, USA

Consensus And Controversies In Vaccination In Pediatric SOT – Debate

Moderators: Christian Benden, University Hospital Zurich, Zurich, Switzerland and Lara Danziger-Isakov, MD, MPH, Cincinnati Children’s Hospital, Cincinnati, OH, USA

4:00 pm – 4:10 pm  Vaccinating Our Candidates And Recipients: The Whys And Hows
Tanvi Sharma, MD
Boston Children’s Hospital
Boston, MA, USA

4:10 pm – 4:20 pm  Should Willingness To Vaccinate Be A Precondition For Pediatric SOT? – PRO
Upton Allen, MBBS, MSc
University of Toronto/Hospital for Sick Children
Toronto, ON, Canada

4:20 pm – 4:30 pm  Rebuttal and Discussion

One Size Fits Some – Customization in Pediatric Renal Transplantation

Moderators: William Harmon, MD, Harvard Medical School, Boston, MA, USA and Priya Verghese, MD, MPH, University of Minnesota, Minneapolis, MN, USA

4:30 pm – 4:50 pm  Immunosuppression Tailoring - Costs and Benefits of Individualized Medicine
Paul Grimm, MD
Stanford University Medical Center
Stanford, CA, USA

4:50 pm – 5:10 pm  The Right Donor for the Right Patient: Advising Pediatric Patients in a New Era of Deceased Donor Allocation and Live Donor Risk Tolerance
Sandra Amaral, MD, MHS
Children’s Hospital of Philadelphia
Philadelphia, PA, USA

5:10 pm – 5:30 pm  Recurrent Diseases and Pediatric Kidney Transplantation - Using Limited Data to Devise Rational Treatment Strategies
Robert Ettenger, MD
UCLA Center for Health Science
Los Angeles, CA, USA

Coffee Break
3:30 pm – 4:00 pm

COFFEE BREAK IN THE EXHIBIT HALL
4:00 pm – 4:30 pm

CONCURRENT ORAL ABSTRACT SESSIONS
4:30 pm – 6:00 pm

ASTS BUSINESS MEETING
5:45 pm – 7:00 pm

POSTER SESSION IV–PRESENTERS IN ATTENDANCE
6:00 pm – 7:00 pm

ATC NIGHT OUT
7:30 pm – 11:00 pm | Offsite
Wednesday, June 15, 2016

**SUNRISE SYMPOSIA**

7:00 am – 8:15 am

**IMMUNOREGULATION, NEW CONCEPTS RELEVANT TO TRANSPLANTATION**

Moderators: Diana Metes, MD, Thomas Starzl Transplant Institute/University of Pittsburgh, Pittsburgh, PA, USA and Madhav Menon, MBBS, MD, Mount Sinai School of Medicine, New York, NY, USA

7:00 am – 7:25 am  
**Immunoregulatory Effects of Erythropoietin**  
Paolo Cravedi, MD, PhD  
Mount Sinai School of Medicine  
New York, NY, USA

7:25 am – 7:50 am  
**NOTCH and Treg**  
Leonardo Riella, MD, PhD  
Brigham & Women’s Hospital  
Boston, MA, USA

7:50 am – 8:15 am  
**The Role of IL-10 in Microbiome Associated Immune Modulation and Disease**  
Joaquin Madrenas, MD, PhD  
University of Western Ontario  
London, ON, Canada

**LEVELING THE PLAYING FIELD – HOW TO MINIMIZE RACIAL AND ETHNIC DISPARITIES IN ACCESS TO TRANSPLANTATION**

Moderators: Rachel Patzer, MD, MPH, Emory University, Atlanta, GA, USA and Clive Callendar, MD, FACS, Howard University Hospital, Washington, DC, USA

7:00 am – 7:25 am  
**Factors Underlying Race Related Differences in Access to Transplantation**  
TBD

7:25 am – 7:50 am  
**Race related Differences in Living and Deceased Organ Donation**  
Jagbir Gill, MD  
Providence Health Care  
West Vancouver, BC, Canada

7:50 am – 8:15 AM  
**Educational Strategies to Minimize Race Related Disparities in Access to Transplantation**  
Amy Waterman, PhD  
David Geffen School of Medicine at UCLA  
Los Angeles, CA, USA

**ADVANCING TRANSPLANT CARE USING PHARMACOGENOMICS**

Moderators: Rita Alloway, PharmD, University of Cincinnati College of Medicine, Cincinnati, OH, USA and Pamela Jacobson, PharmD, University of Minnesota, Minneapolis, MN, USA

7:00 am – 7:25 am  
**Pharmacogenomics of Transplant Immunosuppression and Association with Transplant Outcomes**  
Ajay Israni, MD, MS  
University of Minnesota  
Minneapolis, MN, USA

7:25 am – 7:50 am  
**Implementing Pharmacogenetic Variants in the Transplant Clinic: the Current Evidence**  
Kelly Birdwell, MD, MSCI  
Vanderbilt University  
Nashville, TN, USA

7:50 am – 8:15 am  
**Understanding Pharmacogenomics Variation: Exploring the Relationship Between Genetic Variation and Gene Expression through GTEx**  
Simona Volpi, PharmD, PhD  
National Human Genome Research Institute  
Bethesda, MD, USA

**TELEMEDICINE: EXCITE, ENGAGE, AND ENHANCE PATIENT CENTERED CARE IN TRANSPLANTATION AND LIVING DONATION**

Moderators: Tiffany Kaiser, PharmD, University of Cincinnati, Cincinnati, OH, USA and Alexandra Powderly, PharmD, University of Alabama at Birmingham, Birmingham, AL, USA

7:00 am – 7:25 am  
**Transplant Evaluation And Technology: Doing More With Less Time**  
Deonna Moore, MSN, ACNP  
Vanderbilt University  
Nashville, TN, USA
Innovative Telemedicine Education Practices In The Transplant And Donation Phase: Effective And Time-Saving Strategies
Demetra Tsapepas, PharmD
New York Presbyterian Hospital
New York, NY, USA

Telemedicine Post-Transplant: Expanding Where Healthcare Happens
Shimul Shah, MD
University of Cincinnati
Cincinnati, OH, USA

THE NUTS AND BOLTS OF PHS INCREASED RISK DONORS
Moderators: Matthew Kuehnert, MD, FACP, FIDSA, CDC, Atlanta, GA, USA and Jay Fishman, MD, Harvard Medical School, Boston, MA, USA

PHS Increased Risk Donors: What’s The Risk? Data Thus Far
Michael Ison, MD, MS
Northwestern University
Chicago, IL, USA

“The Devil Is In The Detail”: What Everyone Needs To Know About Using PHS Increased Risk Donors
Emily Blumberg, MD
University Hospital of Pennsylvania
Philadelphia, PA, USA

Implementing OPTN-Compliant Programs For Informed Consent & Protocols For Post-Transplant Surveillance
Linda Irwin, RN, MA
Massachusetts General Hospital
Boston, MA, USA

International Exchange: Could It Offer A Solution To The Stalled Pairs
Michael Rees, MD, PhD
University of Toledo Medical Center
Toledo, OH, USA

Quality Markers For Paired Exchange: Is It Equitable And Transparent?
John Friedewald, MD
Northwestern University
Chicago, IL, USA

Disparities in KPD: Possible Solutions
Nicole Turgeon, MD
Emory University
Atlanta, GA, USA

THE KPD PLATEAU: WHAT WE CAN DO ABOUT IT
Moderators: Marian Charlton, SRN, RN, New York Presbyterian Cornell Weill, New York, NY, USA and David Serur, MD, Rogosin Institute/New York Presbyterian Hospital, New York, NY, USA

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LOOKING BACK ON ETHICAL ISSUES IN TRANSPLANTATION
11:30 am – 11:45 am
50 years after the 1966 Ciba Foundation Conference
Lainie Friedman Ross, MD, PhD
Carolyn and Matthew Bucksbaum Professor of Clinical Ethics
University of Chicago
Chicago, IL, USA

WHAT’S HOT, WHAT’S NEW: OVERVIEW OF TOP PRESENTED ABSTRACTS
11:45 am – 12:15 pm
Basic
Xian Li, MD, PhD
The Methodist Hospital Research Institute
Houston, TX, USA

12:15 pm – 12:45 pm
Clinical
Josh Levitsky, MD, MS
Northwestern University Feinberg School of Medicine
Chicago, IL, USA