American Transplant Congress 2011 Preliminary Program

Saturday, April 30 ........................................................................................................................... 5
Pre-Meeting Symposia – SepArate Registration Fee................................................................. 6
Updates on Clinical and Technology Advances for the Transplant Scientist (Full Day) .......... 6
    Generating B Cell Responses and their Influence on Immune Responses ..................... 6
    Guiding Alloimmune Responses ................................................................................. 6
    Clinical Update for the Basic Scientist ....................................................................... 7
    New Technologies for Clinical and Basic Scientists .................................................. 7
Essential Immunology for the Clinician (Full Day) .............................................................. 8
    Key Players of the Immune Response ......................................................................... 8
    Effector Mechanisms of Allograft Injury ..................................................................... 9
Clinical Applications of Basic Immunology: Part I ............................................................. 9
    Clinical Applications of Basic Immunology: Part II ............................................... 10
Transplant Administrative Boot Camp Critical Elements: What Every Team Member Needs
    to Know (Full Day) ........................................................................................................ 10
    UNOS Regulations and Compliance .......................................................................... 10
    Quality Improvement Tools ..................................................................................... 11
    Program Certification Requirements/CMS Rules ..................................................... 11
    Transplant Center Fiscal Issues and Compliance .................................................... 11
The Troubled Renal Allograft—ARS (Half-Day Morning) .................................................. 12
    Predictors of Outcome .............................................................................................. 13
    Managing the Failing/Failed Renal Allograft .......................................................... 13
Leading Practices in Organ Donation & Preservation (Half-Day Morning) ......................... 14
    Understanding the Donor Pool, OPO Performance and Organ Utilization ............... 14
    Emerging Practices to Improve Donation and Transplantation Outcomes ............... 14
Clinical Trials in Pediatric Solid Organ Transplantation (Half-Day Morning) ..................... 15
    Pediatric Trials: Do We Need Them? How Do We Overcome the Barriers? ............... 15
    Lessons Learned from Pediatric Trials and Looking to the Future ............................. 16
Essentials in Transplant Infectious Diseases: An Interactive Case-Based Session (ARS)
    (Half-Day Afternoon) ................................................................................................. 17
Update on Immunosuppression (Half-Day Afternoon) ......................................................... 18
Critical Care Issues in Liver Transplantation (Half-Day Afternoon) .................................... 19
    “Keeping the Patient Transplantable” ........................................................................ 19
    Management Dilemmas in the Transplant Recipient .................................................. 19
Early Post Operative Complications (Half-Day Afternoon) ................................................ 20
    Renal Allograft Dysfunction ..................................................................................... 20
    Liver Allograft Dysfunction ....................................................................................... 21
ATC 2011 Annual Meeting ....................................................................................................... 22
Opening Reception & Exhibits ............................................................................................... 22
Poster Session I ...................................................................................................................... 22
Supporter Event ....................................................................................................................... 22
Sunlight: A Walk Down Memory Lane ..................................................................................... 23
Sunrise Symposia ..................................................................................................................... 23
    HIV & Transplantation: What Have We Learned and Where Are We Going? ............ 23
    CD8 Cells: Suppressors and Effectors ....................................................................... 23
    Controversies in Transplant Pharmacy Practice ....................................................... 24
    Deceased Donor Kidney Utilization and the Prospect of Ex-Vivo Repair .................... 24
### American Transplant Congress 2011 Preliminary Program

**Infection and Allograft Survival: “Indirect Effects”** ................................................................. 25
**Preclinical and Clinical Application of Regulatory T Cells in Transplantation** ......................... 25
**Tolerance** ...................................................................................................................................... 25
**T Cell Immunity in Clinical Practice** ............................................................................................ 25
**Tolerance in Clinical Transplantation through Mixed Chimerism: Update on Trials?** .......... 26
**The Latest in Extreme Kidney Transplantation** ......................................................................... 26

**Early Morning Workshops—Ticketed Event** ............................................................................ 27
  1. Assessment of Coagulation in End Stage Liver Disease: Pitfalls and Solutions .............. 27
  2. Donation after Circulatory Determination of Death (DCDD) in Children: The Ethics, The Process and the Outcomes .................................................................................................................. 27
  3. Grant Writing Workshop for Basic Science and Clinical Fellows ....................................... 27
  4. KDIGO Practice Guidelines in Transplant: How and When Should We Use Them, When Should We Not? ..................................................................................................................... 28
  5. Surrogate Endpoints in Transplantation .................................................................................. 28
  6. The Transplanted Woman: Issues to Consider .................................................................... 28
  7. The Current Status of Islet Transplantation ........................................................................ 28

**Break** ........................................................................................................................................ 28

**Joint Plenary and Awards** ........................................................................................................... 28

**Controversies in Transplantation** ............................................................................................... 28
  **Geographic Disparities in Liver Transplantation and Novel Approaches for Addressing Them** ........................................................................................................................................ 29

**Coffee Break** ............................................................................................................................. 29

**Midday Symposia** .................................................................................................................... 29
  **B Lymphocyte/Plasma Cell Homeostasis in Transplantation** ............................................... 29
  **Biomarkers as Diagnostic and Prognostic Tools in Organ Transplantation** ......................... 30
  **New Insights in Fibrogenesis and Tissue Injury** ..................................................................... 30
  **Innovative Strategies to Protect the DCD Liver** ...................................................................... 31
  **Update and Future Directions of New Immunosuppressive Therapies in Renal Transplantation** ............................................................................................................................. 31
  **Novel Antivirals in the Pipeline for HCV: Implications for Transplantation** ....................... 32
  **Featured Symposium: Infectious Diseases Update for Pediatric Solid Organ Transplantation** ........................................................................................................................................ 32

**Break** ........................................................................................................................................ 32

**Industry Luncheon** .................................................................................................................... 33

**Break** ........................................................................................................................................ 33

**Concurrent Abstract Sessions** .................................................................................................. 34

**Student Program** ....................................................................................................................... 34
  **The Science, the Art and the Allure of Transplantation: An Educational Session Designed for Medical Students and Residents** .................................................................................. 34
  **Fundamental Concepts of Transplantation** ............................................................................. 34
  **Why I Love It** .......................................................................................................................... 35

**Allied Health Symposium** ........................................................................................................ 36
  **Are We Speaking the Same Language? Transplant Education and Consent** ..................... 36

**Transplantation in Depth** .......................................................................................................... 36
American Transplant Congress 2011 Preliminary Program

Antibody Mediated Rejection: Pathogenesis, Prevention and Treatment ........................................ 36
Break................................................................................................................................. 37
Concurrent Abstract Sessions .............................................................................................. 37
Poster Session II ................................................................................................................. 37
Industry Event ....................................................................................................................... 37
Monday, May 2 ..................................................................................................................... 38
Sunrise Symposia .................................................................................................................. 38
   Advances in Transplantation for the Diabetic, Uremic Transplant Candidate through
   Sequential Kidney and Pancreas or Islet Transplantation.............................................. 38
   B Lymphocytes in Transplant Rejection and Tolerance .................................................. 38
   Beyond the SRTR Expected Outcomes: How Should We Determine the Adequacy of Solid
   Organ Transplant Programs’ Performance? ..................................................................... 39
   Donor-Derived Infections .............................................................................................. 39
   The Emerging Field of Vascularized Composite Allotransplantation............................. 40
   Hepatitis C Infection after Liver Transplantation ............................................................. 40
   Long Term Follow Up of the Living Donor: Ethics vs. Finance ........................................ 41
   Kidney Paired Donation: National Experience from US, Korea and Australia .............. 41
Early Morning Workshops—Ticketed Event ......................................................................... 42
   9. Diving Into the Deep End of the Liver Donor Pool ....................................................... 42
   10. Interpretation of Donor Specific Antibody Testing and Crossmatch Techniques .......... 42
   11. Manuscript Writing Workshop .................................................................................. 42
   12. New Onset Diabetes after Transplantation ................................................................. 42
   13. The Older Transplant Recipient ................................................................................. 43
   14. Transplant Infectious Diseases: Future Directions .................................................... 43
   15. What is the Impact of IL-17 on Transplant Outcomes? ............................................ 43
   20. Role of ECMO in Thoracic Transplantation ............................................................... 43
Break..................................................................................................................................... 43
Joint Plenary and Awards ....................................................................................................... 43
State-of-the-Art Address ....................................................................................................... 43
Coffee Break ........................................................................................................................ 43
Midday Symposia .................................................................................................................. 44
   ALDLT: An Update .......................................................................................................... 44
   Lymphodepletion and Reconstitution of the T Cell Repertoire ...................................... 44
   microRNAs: New Players in Gene Regulation, Tissue Injury and Rejection .................. 45
   Update on “Big Science” in Transplant ......................................................................... 45
   Viral Hepatitis in Solid Organ Transplantation .............................................................. 46
   Featured Symposium: Improving Long-Term Survival in Thoracic Transplantation .... 46
   Transplantation
      This session is co-sponsored by the International Society for Heart and
   Lung Transplantation (ISHLT) ....................................................................................... 46
   Transplant Jeopardy ....................................................................................................... 46
Break..................................................................................................................................... 47
Industry Luncheon ............................................................................................................... 47
Break..................................................................................................................................... 47
Concurrent Abstract Sessions .............................................................................................. 47
Transplantation in Depth ....................................................................................................... 47
Tolerance is an Active Immunological Process: Part I and Part II
- Part I: Tolerance is an Active Immunological Process: Basic Individual Mechanisms of Tolerance
- Part II: Tolerance is an Active Immunological Process: Mechanisms of Tolerance in Transplantation and Autoimmunity

Allied Health Symposium

Living with an Organ Transplant in 2011: Management of Cardiovascular and Oncologic Co-Morbidity

Concurrent Abstract Sessions

Poster Session III

AST Business Meeting

ATC/ITNS Dinner– Ticketed Event

Early Morning Workshops

Co-Morbidity

FDA Symposium

Concurrent Abstract Sessions

Break

FDA and Solid Organ Transplantation: Issues in the Practice of Medicine
American Transplant Congress 2011 Preliminary Program

Allied Health Symposium ......................................................................................................... 57
   Psychosocial Impact on Postoperative Transplant Outcomes ............................................. 57
Concurrent Abstract Sessions ................................................................................................. 57
Poster Session IV .................................................................................................................... 58
Career Development Workshop ............................................................................................. 58
   Early Career Development Symposium ............................................................................... 58
ASTS Business Meeting .......................................................................................................... 58
Industry Event ......................................................................................................................... 59
Wednesday, May 4 ................................................................................................................... 60
Sunrise Symposia ..................................................................................................................... 60
   Role of Mechanical Circulatory Support in Heart Transplantation ................................... 60
   Assessing the Risk for Kidney Allograft Failure ................................................................. 60
   Bone Disease in Kidney Transplant Patients: What Diagnostic and ................................. 61
   Therapeutic Approaches Should We Use? ......................................................................... 61
   Donor Management: Organ Donation and Critical Care .................................................... 61
   Small Bowel Transplantation: The Basics ....................................................................... 62
   Stem Cell Mediated Therapy in Transplantation ................................................................ 62
Early Morning Workshops – Ticketed Event ........................................................................... 62
   23. Challenges in Organ Donor Management ................................................................. 63
   24. Evolving Role of NK Cells in Solid Organ Transplantation ....................................... 63
   25. Molecular Expression Profiling to Assess Rejection Risk in Heart Transplantation .... 63
   26. Risks and Solutions in Transplantation and Policy Implications ............................... 63
   27. The Current Status of Liver Assist Devices ................................................................. 63
   28. Vascularized Composite Allograft Transplantation: Development of Donation Best Practices and Establishment of a VCA Program ......................................................... 63
   29. WHCOP Advisory Network ...................................................................................... 63
   30. Auto Islet Transplantation ......................................................................................... 64
Break ..................................................................................................................................... 64
Joint Plenary and Awards ....................................................................................................... 64
Keynote Address ...................................................................................................................... 65
   The Not-So Distant Future of Organ Transplantation—Ethical Obstacles and Opportunities ....................................................................................................................... 65
Coffee Break .......................................................................................................................... 65
Concurrent Abstract Sessions ............................................................................................... 65
What’s Hot, What’s New ......................................................................................................... 65

Saturday, April 30
PRE-MEETING SYMPOSIA – SEPARATE REGISTRATION FEE

Updates on Clinical and Technology Advances for the Transplant Scientist (Full Day)

Generating B Cell Responses and their Influence on Immune Responses
*Moderators: Olivia Martinez, PhD, Stanford University School of Medicine, Stanford, CA and Robert Fairchild, PhD, Cleveland Clinic Foundation, Cleveland, OH*

8:00 am – 8:30 am  Development and Function of Follicular Helper T Cells  
*Michael McHeyzer-Williams, PhD*  
*Scripps Research Institute*  
*La Jolla, CA*

8:30 am – 9:00 am  Update on Plasma Cell Function  
*Mark Jay Shlomchik, MD, PhD*  
*Yale University*  
*New Haven, CT*

9:00 am – 9:30 am  Therapies Directed at Attenuating B Cells in the Alloimmune Response  
*Mark Stegall, MD*  
*Mayo Clinic*  
*Rochester, MN*

9:30 am – 10:00 am  Effector and Regulatory B Cell  
*Michael Cancro, PhD*  
*University of Pennsylvania*  
*Philadelphia, PA*

10:00 am – 10:30 am  Break

Guiding Alloimmune Responses
*Moderators: Nader Najafian, MD, Brigham & Women’s Hospital, Boston, MA and Peter Heeger, MD, Mt. Sinai School of Medicine, New York, NY*

10:30 am – 11:00 am  Novel Insights into Molecular Functions of Natural and Adaptive T Regs  
*Ethan Shevach, MD*  
*National Institute of Allergy and Infectious Disease*  
*Bethesda, MD*
11:00 am – 11:30 am  Role of microRNAs in Health and Disease of the Immune System  
Daniel Salomon, MD  
Scripps Research Institute  
La Jolla, CA

11:30 am – 12:00 pm  Engineering Lymphocyte Subsets for Clinical Trials  
James Riley, PhD  
University of Pennsylvania  
Philadelphia, PA

12:00 pm – 1:00 pm  Lunch on Own

Clinical Update for the Basic Scientist  
Moderators: Mandy Ford, PhD, Emory University, Atlanta, GA and Marisa Alegre, MD, PhD, University of Chicago, Chicago, IL

1:00 pm – 1:30 pm  New Approaches to Immunosuppression  
Allan Kirk, MD, PhD  
Emory University  
Atlanta, GA

1:30 pm – 2:00 pm  Viral Nephropathies  
Hans Hirsch

2:00 pm – 2:30 pm  Post-Transplant Lymphoproliferative Disease  
Olivia Martinez, PhD  
Stanford University  
Stanford, CA

2:30 pm – 3:00 pm  Assays to Detect Tolerance  
Peter Heeger

3:00 pm – 3:30 pm  Break

New Technologies for Clinical and Basic Scientists  
Moderators: Alessandro Alessandrini and Sheri Krams, PhD, Stanford University School of Medicine, Stanford, CA

3:30 pm – 4:00 pm  New Concepts in Polychromatic Flow Cytometry for Transplantation Research and Clinical Dianostics  
Frederic Preffer, PhD
**American Transplant Congress 2011 Preliminary Program**

Harvard Medical School & Massachusetts General Hospital  
Boston, MA

4:00 pm – 4:30 pm  Deep Sequencing and Genomics  
**Daniel Salomon, MD**  
Scripps Research Institute  
La Jolla, CA

4:30 pm – 5:00 pm  In Vivo Imaging  
**Seok-Hyun Andy Yun**  
Harvard Medical School and Massachusetts General Hospital  
Boston, MA

5:00 pm – 5:30 pm  New Technologies to Sequence Single Cell BCR or TCR in Blood or Tissues  
**TBD**

**Essential Immunology for the Clinician (Full Day)**

**Key Players of the Immune Response**  
*Moderator: Lori West, MD, DPhil, University of Alberta, Edmonton, Canada*

8:00 am – 8:30 am  How Does Rejection Occur?  
**Faddi Lakkis, MD**  
University of Pittsburgh, Starzl Transplant Institute  
Pittsburg, PA

8:30 am – 9:00 am  Why T Cell Activation Matters: Applications to Human Transplant Recipients?  
**Stuart Knechtle, MD, PhD**  
Emory University School of Medicine  
Atlanta, GA

9:00 am – 9:30 am  B Cells and Plasma Cells: The Biology Behind the New Therapies  
**Lori West, MD, DPhil**  
University of Alberta  
Edmonton, Canada

9:30 am – 10:00 am  Regulating the Immune Response: Does This Really Happen in People?  
**Jonathan Bromberg, MD, PhD**
American Transplant Congress 2011 Preliminary Program

University of Maryland
Baltimore, MD

10:00 am – 10:30 am  Coffee Break

**Effector Mechanisms of Allograft Injury**
*Moderator: Roslyn Mannon, MD, University of Alabama, Birmingham, AL*

10:30 am – 11:00 am  Injury to the Epithelium: Fundamental Mechanisms and Clinical Applications
*Anthony Jevnikar, MD*
*London Health Sciences Centre—University Hospital*
*London, Canada*

11:00 am – 11:30 am  Overview of Innate Immunity: Clinical Relevance
*William Baldwin, MD, PhD*
*Cleveland Clinic Main Campus, Lerner Research Institute*
*Cleveland, OH*

11:30 am – 12:00 pm  Allograft Fibrosis: An Ends to the Means of Injury
*Roslyn Mannon, MD*
*University of Alabama, Birmingham*
*Birmingham, AL*

12:00 pm – 1:00 pm  Lunch on Own

**Clinical Applications of Basic Immunology: Part I**
*Moderator: Martin Zand, MD, PhD, University of Rochester, Rochester, NY*

1:00 pm – 1:30 pm  Understanding Immunosuppression: How the Drugs Really Work
*Martin Zand, MD, PhD*
*University of Rochester*
*Rochester, NY*

1:30 pm – 2:00 pm  Update on Histocompatibility and Antibody Detection
*Elaine Reed, PhD*
*University of California, Los Angeles*
*Los Angeles, CA*

2:00 pm – 2:30 pm  Transplant Tolerance: Fact or Fiction
*Kenneth Newell, MD, PhD*
*Emory University*
*Atlanta, GA*
2:30 pm – 3:00 pm  Break

**Clinical Applications of Basic Immunology: Part II**  
**Moderator: Thomas Mueller, MD, University of Alberta, Edmonton, Canada**

3:00 pm – 3:30 pm  Gene Expression: The Technique, Molecules and their Application to Transplantation  
*Thomas Mueller, MD*  
*University of Alberta*  
*Edmonton, Canada*

3:30 pm – 4:00 pm  Immune Monitoring: From Bench to Bedside?  
*Nader Najafian, MD*  
*Brigham & Women’s Hospital*  
*Boston, MA*

4:00 pm – 4:30 pm  Responding to Viral Infection: Mechanisms and Consequences on Recipient Immunity and Allograft Injury  
*Atul Humar, MD*  
*University of Alberta*  
*Edmonton, Canada*

**Transplant Administrative Boot Camp Critical Elements: What Every Team Member Needs to Know (Full Day)**

**UNOS Regulations and Compliance**  
**Moderators: Angelina Korsun, RN, MSN, MPA, Tampa General Hospital, Tampa, FL and Barry Friedman, RN, BSN, CPTC, University of Minnesota Medical Center—Fairview, Minneapolis, MN**

8:00 am – 8:30 am  OPTN Rules Overview  
*UNOS MPSC Staffer*

8:30 am – 9:00 am  Site Survey Preparation and Process  
*Janie Morrison, BHS*  
*University Hospitals Case Medical Center*  
*Cleveland, OH*

9:00 am – 9:30 am  Maintaining Compliance  
*Betty Crandall, MS, RN*  
*Sentara Norfolk General Hospital*
Norfolk, VA

9:30 am – 10:00 am  Documentation Requirements
Betty Crandall, MS, RN
Sentara Norfolk General Hospital
Norfolk, VA

10:00 am – 10:30 am  Coffee Break

Quality Improvement Tools
Moderators: Tracey Evans-Walker, MSN, CNP, CCTC, Cleveland Clinic Foundation, Cleveland, OH and Bill Hasskamp

10:30 am – 11:00 am  SRTR Interpretation: SRTR Data Input Makers
Bertram Kasiske

11:00 am – 11:30 am  Wait List Management
Betty Crandall, MS, RN
Sentara Norfolk General Hospital
Norfolk, VA

11:30 am – 12:00 pm  QI Program in Practice
Linda Ohler
Georgetown University
Washington, DC

12:00 pm – 12:30 pm  Maintaining Compliance
Linda Ohler
Georgetown University
Washington, DC

12:30 pm – 1:00 pm  Lunch on Own

Program Certification Requirements/CMS Rules
Moderators: TBD and Renee Bennett, RN, BSN, Cleveland, OH

1:00 pm – 1:30 pm  Medicare Conditions of Participation: What You Need to Know
Gwen McNatt, RN, CNN, CFNP
Northwestern Memorial Hospital
Chicago, IL

1:30 pm – 2:00 pm  CMS Audit Survival: What Changes has this Caused with Hospitals and Patient Care
American Transplant Congress 2011 Preliminary Program

Jennifer Milton,
University of Texas Health Science CEnter

2:00 pm – 2:30 pm Comparing CMS and OPTN Rules
Kathy Schwab, BSN, RN
Mayo Clinic Foundation
Rochester, MN

2:30 pm – 3:00 pm Moving Forward/Institutional Vision and Commitment
Timothy Pruett, MD
University of Minnesota
Minneapolis, MN

3:00 pm – 3:30 pm Break

Transplant Center Fiscal Issues and Compliance
Moderators: Gene Ridolfi, RN, BA, Washington University School of Medicine, St. Louis, MO and Angelina Korsun, RN, MSN, MPA, Tampa General Hospital, Tampa, FL

3:30 pm – 4:00 pm Medicare Cost Report Review
Deedle Heckenkemper, RN, CPTC
Guidry & East, LLC
Rogers, AK

4:00 pm – 4:30 pm Cost Reporting: Common Errors
Deedle Heckenkemper, RN, CPTC
Guidry & East, LLC
Rogers, AK

4:30 pm – 5:00 pm Time Studies and Documentation
Alexander Aussi, BSN, RN, MBA
University of California, San Diego Medical Center
San Diego, CA

5:00 pm – 5:30 pm Fiscal Monitoring of Your Transplant Program
Ian Jamieson

The Troubled Renal Allograft—ARS (Half-Day Morning)
Moderators: Roy Bloom, MD, Hospital of the University of Pennsylvania, Philadelphia, PA and Michelle Josephson, MD, University of Chicago, Chicago, IL
Predictors of Outcome

8:00 am – 8:30 am  Histological Predictors: Lessons from the DEKAF Study  
Arthur Matas, MD  
University of Minnesota  
Minneapolis, MN

8:30 am – 9:00 am  Genomic Recognition of the Troubled Allograft  
Sunil Kurian, PhD  
The Scripps Research Institute  
La Jolla, CA

9:00 am – 9:30 am  Predictors of Antibody-mediated Injury  
Philip Halloran, MD  
University of Alberta  
Edmonton, Canada

9:30 am – 10:00 am  Early Biomarkers as Surrogates for Long-term Outcomes  
David Rush, MD  
University of Manitoba  
Winnipeg, Canada

10:00 am – 10:30 am  Coffee Break

Managing the Failing/Failed Renal Allograft

10:30 am – 11:00 am  Should CKD Guidelines Apply to Kidney Transplant Recipients?  
TBD

11:00 am – 11:30 am  Tapering Immunosuppression after Graft Failure  
John Gill, MD, MS  
St. Paul’s Hospital  
Vancouver, Canada

11:30 am – 12:00 pm  Pros and Cons of Allograft Nephrectomy  
J. Harold Helderman, MD  
Vanderbilt University Medical Center  
Nashville, TN
Leading Practices in Organ Donation & Preservation (Half-Day Morning)

Understanding the Donor Pool, OPO Performance and Organ Utilization

Moderators: David Mulligan, MD, Mayo Clinic Arizona, Phoenix, AZ and Charles Alexander, RN, MSN, MBA, CPTC, The Living Legacy Foundation of Maryland, Baltimore, MD

8:00 am – 8:30 am  Evaluating the Donor Pool: How Many Potential Donors Are There Really?
Richard Hasz, MFS, CPTC
Gift of Life Donor Program
Philadelphia, PA

8:30 am – 9:00 am  Improving Transplant Per Donor
John Rosendale, MS
United Network for Organ Sharing
Richmond, VA

9:00 am – 9:30 am  Kidney Utilization: How Many More Kidneys Could Be Used That Are Already Procured?
Francis Delmonico, MD
Harvard Medical School
Boston, MA

9:30 am – 10:00 am  DCD Update in the United States: Improving DCD Outcomes
Christopher Hughes, MD
Emory University
Atlanta, GA

10:00 am – 10:30 am  Coffee Break

Emerging Practices to Improve Donation and Transplantation Outcomes

Moderators: Kenneth Brayman, MD, PhD, University of Virginia Health System, Charlottesville, VA and Howard Nathan, Gift of Life Donor Program, Philadelphia, PA

10:30 am – 11:00 am  Ex Vivo Lung Preservation and Resuscitation
Marcelo Cypel

11:00 am – 11:30 am  Composite Tissue Donation and Transplantation: Now and The Future
TBD

11:30 am – 12:00 pm  Improving Donor Management, Implications for Research and Transplant Outcomes
American Transplant Congress 2011 Preliminary Program

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

12:00 pm – 12:30 pm Utilization of State Donor Registries to Improve Authorized Rates in Organ Donation
Kevin O’Connor, MD
Life Center Northwest
Seattle, WA

Clinical Trials in Pediatric Solid Organ Transplantation (Half-Day Morning)

Pediatric Trials: Do We Need Them? How Do We Overcome the Barriers?
Moderators: Anne Dipchand, MD, The Hospital of Sick Children, Toronto, Canada

8:00 am – 8:30 am Debate #1
8:00 am – 8:09 am Prospective Clinical Trials are the Only Option
William Harmon, MD
Harvard Medical School
Boston, MA
8:09 am – 8:18 am Clinical Trials in Children are Doomed to Failure
TBD
8:18 am – 8:20 am Rebuttals
8:20 am – 8:30 am Discussion

8:30 am – 9:00 am The Contribution of Clinical Trials to the Understanding of the Science of Transplantation
Sandy Feng, MD, PhD
University of California, San Francisco
San Francisco, CA

9:00 am – 9:30 am Methodological and Practical Challenges of Research in Children
Rulan Parekh

9:30 am – 10:00 am Ethical Considerations in Research in Children in the Context of End-Stage Organ Failure and Organ Transplantation
Richard Thistlethwaite, Jr., MD, PhD
University of Chicago
### American Transplant Congress 2011 Preliminary Program

**Chicago, IL**

10:00 am – 10:30 am  Coffee Break

**Lessons Learned from Pediatric Trials and Looking to the Future**
Moderators: Estela Azeka, MD, Heart Institute (InCor), Sao Paulo, Brazil and Richard Trompeter, MD, Great Ormond Street Hospital for Children, London, United Kingdom

10:30 am – 11:00 am  Debate #2

10:30 am – 10:39 am  There is Still a Role for Registries in Pediatric Solid Organ Transplantation (Pro)
Steven Webber

10:39 am – 10:48 am  There is Still a Role for Registries in Pediatric Solid Organ Transplantation (Con)
Richard Kirk
*Newcastle Freeman Hospital*
London, UK

10:48 am – 10:50 am  Rebuttals

10:50 am – 11:00 am  Discussion

11:00 am – 11:30 am  “TWIST”: Lessons Learned and What I Would have Done Differently
Ryszard Grenda, MD
*Children’s Memorial Health Institute*
Warsaw, Poland

11:30 am – 12:00 pm  CCTPT: Lessons Learned
Mark Benfield, MD
*Pediatric Nephrology of Alabama*
Birmingham, AL

12:00 pm – 12:30 pm  The Role of the NIH in Pediatric Solid Organ Transplant Research: Present and Future
Nancy Bridges, MD
NIH
### Essentials in Transplant Infectious Diseases: An Interactive Case-Based Session (ARS) (Half-Day Afternoon)

*Moderators: Emily Blumberg, MD, Hospital of the University of Pennsylvania, Philadelphia, PA and Marian Michaels, MD, MPH, Children’s Hospital of Pittsburgh, Pittsburgh, PA*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 1:00 pm – 1:25 pm | What’s New in Molecular Diagnostics?  
Jutta Preiksaitis, MD  
Provincial Lab Public Health  
Edmonton, Canada            |
| 1:30 pm – 1:55 pm | What’s New in the Bacteriology Lab? New Technology, New Bugs, New Breakpoints  
Robin Patel, MD  
Mayo Clinic  
Rochester, MN            |
| 2:00 pm – 2:25 pm | Respiratory Viruses in Transplantation  
Lara Danziger-Isakov, MD, MPH  
Center for Pediatric Infectious Diseases, Children’s Hospital at Cleveland Clinic  
Cleveland, OH            |
| 2:30 pm – 3:00 pm | Dermatologic Manifestations of Infection: What the Skin Can Reveal in Our Immunosuppressed Patients (Cases 1)  
Carrie Kovarik, MD  
University of Pennsylvania School of Medicine  
Philadelphia, PA  
Misha Rosenbach, MD  
University of Pennsylvania School of Medicine  
Philadelphia, PA            |
| 3:00 pm – 3:30 pm | Break                      |
| 3:30 pm – 3:55 pm | Human Herpesvirus 6 and 7: Real Pathogens?  
Vincent Emery, MD  
University College of London  
London, United Kingdom            |
| 4:00 pm – 4:25 pm | XMRV Infection: What is the Data? Why Our Patients Are So Tired?  
Michael Ison, MD, MS  
Northwestern University  
Chicago, IL            |
4:30 pm – 5:30 pm  “Stump the Stars” (Cases 2): Great Cases in Transplant ID
Camille Kotton, MD
Massachusetts General Hospital
Boston, MA

Upton Allen, MBBS, MSc
University of Toronto
Toronto, Canada

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

Update on Immunosuppression (Half-Day Afternoon)
Moderators: Simin Goral, MD, University of Pennsylvania, Philadelphia, PA and Kenneth Brayman, MD, PhD, University of Virginia Health System, Charlottesville, VA

1:00 pm – 1:30 pm  Should Induction Antibody Therapy be Individualized?
Daniel Brennan, MD
Washington University in St. Louis
St. Louis, MO

1:30 pm – 2:00 pm  Pros and Cons of Alemtuzumab
Stuart Knechtle, MD, PhD
Emory University School of Medicine
Atlanta, GA

2:00 pm – 2:30 pm  Steroid Minimization
Joshua Augustine, MD
University Hospitals Case Medical Center
Cleveland, OH

2:30 pm – 3:00 pm  Calcineurin Inhibitor Minimization
Stephen Tomlanovich, MD
University of California, San Francisco
San Francisco, CA

3:00 pm – 3:30 pm  Break

3:30 pm – 4:00 pm  Optimal Use of TOR Inhibitors
Alexander Wiseman, MD
University of Colorado of Denver HSC
Aurora, CO

4:00 pm – 4:30 pm  Clinical Tolerance Protocols
American Transplant Congress 2011 Preliminary Program

John Friedewald, MD
Northwestern University
Chicago, IL

4:30 pm – 5:00 pm  New Immunosuppressants in the Pipeline
Herwig-Ulf Meier-Kriesche, MD
University of Florida
Gainesville, FL

Critical Care Issues in Liver Transplantation (Half-Day Afternoon)

“Keeping the Patient Transplantable”
Moderators: Josh Levitsky, MD, Northwestern Memorial Hospital, Chicago, IL and Gregory Everson, MD, University of Colorado Denver, Aurora, CO

1:00 pm – 1:30 pm  Life-Saving Interventions in Acute and Chronic Liver Failure
Arun Sanyal, MD
Virginia Commonwealth University
Richmond, VA

1:30 pm – 2:00 pm  Cardiopulmonary Assessment
Michael Ramsay, MD, FRCA
Baylor University Medical Center
Dallas, TX

2:00 pm – 2:30 pm  ICU Management of the Wait-Listed Patient
Ram Subramanian, MD
Emory University School of Medicine
Decatur, GA

2:30 pm – 3:00 pm  When is a Patient Too Sick to Transplant?
Randolph Steadman, MD, PhD
University of California, Los Angeles Medical Center
Los Angeles, CA

3:00 pm – 3:30 pm  Break

Management Dilemmas in the Transplant Recipient
Moderators: David Foley, MD, University of Wisconsin, Madison, WI and W. Kenneth Washburn, MD, University of Texas HSC, San Antonio, TX

3:30 pm – 4:00 pm  Key Aspects of Anesthesia and Intra-operative Care
Andre De Wolf, MD
Northwestern University
Chicago, IL

4:00 pm – 4:30 pm Protecting the Kidney
Claus Niemann, MD
University of California, San Francisco
San Francisco, CA

4:30 pm – 5:00 pm Management of Early Graft Dysfunction and Surgical Complications
TBD

5:00 pm – 5:30 pm The “Right” Amount of Immunosuppression in Specific Disease States
Hans Schlitt, MD
Klinkum Der Universitat Regensburg
Regensburg, Germany

Early Post Operative Complications (Half-Day Afternoon)

Renal Allograft Dysfunction
Moderators: Mark Burns, FNP, ACNP, Mayo Clinic Hospital, Gilbert, AZ and Deborah Hoch, DNP, Maine Medical Center, Portland, ME

1:00 pm – 1:30 pm Rejection
Milagros Samaniego, MD
University of Michigan Medical School
Ann Arbor, MI

1:30 pm – 2:00 pm Surgical Complications
Peter Kennealey, MD
Denver, CO

2:00 pm – 2:30 pm Medication as the Culprit in Acute Renal Allograft Dysfunction
John Vella, MD
Maine Medical Center
Portland, ME

2:30 pm – 3:00 pm Hematologic Complications Post Renal Transplant: The Anemia’s
Douglas Keith, MD
University of Virginia Medical Center
Gordonsville, VA
American Transplant Congress 2011 Preliminary Program

3:00 pm – 3:30 pm  Break

Liver Allograft Dysfunction
Moderators: Sharon Blashka and Denise Morin, MSN, RN, Lahey Clinic, Burlington, MA

3:30 pm – 4:00 pm  Rejection
Jennifer Cadematori, MD
University of California, San Francisco
San Francisco, CA

4:00 pm – 4:30 pm  Surgical Complications
Peter Abt, MD
Hospital of the University of Pennsylvania
Philadelphia, PA

4:30 pm – 5:00 pm  Infections, Non-Recurrence Disease
Costi Sifri, MD
University of Virginia School of Medicine
Charlottesville, VA

5:00 pm – 5:30 pm  Infections, Recurrent Disease
Josh Levitksy, MD
Northwestern Memorial Hospital
Chicago, IL
ATC 2011 ANNUAL MEETING

OPENING RECEPTION & EXHIBITS
5:30 pm- 7:00 pm

POSTER SESSION I
5:30 pm – 7:00 pm

SUPPORTER EVENT
7:30 pm
SUNRISE SYMPOSIA

HIV & Transplantation: What Have We Learned and Where Are We Going?
Moderators: Barbara Murphy, MD, Mt. Sinai School of Medicine, New York, NY and Peter Chin-Hong, MD, University of California, San Francisco, CA

7:00 am – 7:25 am  Update and Unexpected Results in the HIV-positive Solid Organ Transplantation: Do We Need to Change Selection Criteria?
Peter Stock, MD, PhD
University of California, San Francisco
San Francisco, CA

7:25 am – 7:50 am  HIV Therapy and Minimizing Rejection in a New Era of Antiretroviral Therapy
George Beatty, MD
University of California, San Francisco
San Francisco, CA

7:50 am – 8:15 am  Expanding the Donor Pool Further: Transplanting Organs from HIV-positive Donors to HIV-positive Recipients
Elmi Muller, MD

CD8 Cells: Suppressors and Effectors
Moderators: Alessandro Alessandrini, PhD, Massachusetts General Hospital, Boston, MA and Tatsuo Kawai, MD, Massachusetts General Hospital, Boston, MA

7:00 am – 7:25 am  Induction of Regulatory CD8+ T Cells for Use in Transplantation
TBD

7:25 am – 7:50 am  Phenotypic and Functional Differences of Effector and Regulatory CD8 T Cells
Zhenhua Dai

7:50 am – 8:15 am  The Role of CD8 Effector T Cells in Transplantation in Primates
American Transplant Congress 2011 Preliminary Program

Tatsuo Kawai, MD  
Massachusetts General Hospital  
Boston, MA

Controversies in Transplant Pharmacy Practice  
Moderators: Eric Tichy, PharmD, Yale-New Haven Hospital, New Haven, CT and Andrew Silverman, PharmD, Tufts Medical Center, Boston, MA

7:00 am – 7:25 am  
Generic Medications in Transplantation  
Lisa McDevitt-Potter, PharmD  
Tufts Medical Center  
Boston, MA

7:25 am – 7:50 am  
Billing for Transplant Pharmacy Services  
Angela Maldonado, PharmD  
Providence Sacred Heart Medical Center  
Spokane, WA

7:50 am – 8:15 am  
Risk Evaluation and Mitigation Strategies (REMS) and Their Implications in Organ Transplantation  
Steven Gabardi, PharmD  
Brigham & Women’s Hospital  
Boston, MA

Deceased Donor Kidney Utilization and the Prospect of Ex-Vivo Repair  
Moderators: Francis Delmonico, MD, Harvard Medical School, Boston, MA and Kevin O’Connor, MD, LifeCenter Northwest, Seattle, WA

7:00 am – 7:25 am  
Kidney Discard: New Data by Donor Risk Index  
John Rosendale, MS  
United Network for Organ Sharing  
Richmond, VA

7:25 am – 7:50 am  
Kidney Repair Starts in the Donor  
Henri Leuvenik, PhD  
University Medical Center Groningen  
Groningen, The Netherlands

7:50 am – 8:15 am  
Kidney Transplantation: Improving Utilization  
Stefan Tullius, MD, PhD  
Brigham & Women’s Hospital  
Boston, MA
Infection and Allograft Survival: “Indirect Effects”

Moderators: Atul Humar, MD, University of Alberta, Edmonton, Canada and Richard Freeman, MD, Dartmouth Medical School, Hanover, NH

7:00 am – 7:25 am  Heterologous Immunity and Graft Rejection
Andrew Adams, MD, PhD
Emory University
Atlanta, GA

7:25 am – 7:50 am  Respiratory Viruses and Rejection
Michael Ison, MD, MS
Northwestern University
Chicago, IL

7:50 am – 8:15 am  Community Acquired Respiratory Viruses in Lung Transplantation
Todd Astor

Preclinical and Clinical Application of Regulatory T Cells in Transplantation Tolerance

Moderators: Li Zhang, MD, MSc, University Health Network, Toronto General Hospital, Toronto, Canada and Sandy Feng

7:00 am – 7:25 am  Regulatory T Cell Therapy for Transplantation Tolerance
Robert Lechler, PhD
King’s College London
London, United Kingdom

7:25 am – 7:50 am  Regulatory T Cells in Transplantation: Bad and Good Guys
Hans-Dieter Volk, MD, PhD
Institute of Medical Immunology
Berlin, Germany

7:50 am – 8:15 am  Clinical Trials of Tr1 Cells
Kevan Herold

T Cell Immunity in Clinical Practice

Moderators: Hans Hirsch and Martina Sester, PhD, University of the Saarland, Homburg, Germany
7:00 am – 7:25 am  Principles of Antigen-specific T Cell Assays for the Use in Clinical Routine
Deepali Kumar, MD
University of Alberta
Edmonton, Canada

7:25 am – 7:50 am  Physiological Changes in T Cells with Increasing Age: The Role of Infections
Graham Pawelec, MA, PhD
Medizinische Universitätsklinik Tuebingen
Tuebingen, Germany

7:50 am – 8:15 am  Potential Application of Antigen-specific T Cell Analyses in Transplant Recipients: Improving Control of Infection and Beyond?
Urban Sester, MD
Saarland University
Homburg, Germany

Tolerance in Clinical Transplantation through Mixed Chimerism: Update on Trials?
Moderators: Kenneth Brayman, MD, PhD, University of Virginia Health System, Charlottesville, VA and Suzanne Ildstad, MD, University of Louisville, Louisville, KY

7:00 am – 7:25 am  Mixed Chimerism in Human Kidney Recipients: An Update
A. Benedict Cosimi, MD
Massachusetts General Hospital
Boston, MA

7:25 am – 7:50 am  Kidney Transplant Tolerance at Stanford using TLI, ATG and HCT
John Scandling, MD
Stanford University
Palo Alto, CA

7:50 am – 8:15 am  Improving Kidney Graft Tolerance with FC Enriched HSC’s
Joseph Leventhal, MD, PhD
Northwestern University Medical School
Chicago, IL

The Latest in Extreme Kidney Transplantation
Moderators: Dorry Segev, MD, PhD, Johns Hopkins University, Baltimore, MD and
American Transplant Congress 2011 Preliminary Program

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

7:00 am- 7:25 am  Fully Robotic Intra-peritoneal Kidney Transplant in Obese Recipients  
Enrico Benedetti, MD  
University of Illinois—Chicago  
Chicago, IL

7:25 am – 7:50 am  Deceased Donor Kidney Transplantation from Donors on Dialysis  
Niraj Desai, MD  
Johns Hopkins  
Baltimore, MD

7:50 am – 8:15 am  Double Kidney Transplantation: Indications and Ipsilateral Technique  
Osama Gaber, MD  
The Methodist Hospital/Cornell University  
Houston, TX

EARLY MORNING WORKSHOPS—TICKETED EVENT

1. Assessment of Coagulation in End Stage Liver Disease: Pitfalls and Solutions  
Moderators: Robert Porte, MD, PhD, University Medical Center Groningen, Groningen, Canada and Steven Caldwell, MD, University of Virginia, Salt Lake City, VA

2. Donation after Circulatory Determination of Death (DCDD) in Children: The Ethics, The Process and the Outcomes  
Moderators: Thomas Nakagawa, MD, Wake Forest University Baptist Medical Center and Susan Bratton, MD, University of Utah, Stanford, UT

3. Grant Writing Workshop for Basic Science and Clinical Fellows  
Moderators: David Rothstein, MD, Thomas E. Starzl Transplant Institute, Pittsburgh, PA and Marisa Alegre, MD, PhD, University of Chicago, Chicago, IL
4. KDIGO Practice Guidelines in Transplant: How and When Should We Use Them, When Should We Not?
Moderators: Bertram Kasiske, MD, Hennepin County Medical Center, Minneapolis, MN and John Gill, MD, St. Paul’s Hospital, Vancouver, Canada

5. Surrogate Endpoints in Transplantation
Moderators: Jesse Schold, PhD, M. Stat, M. Ed, Cleveland Clinic Foundation, Cleveland, OH and Greg Knoll, MD, The Ottawa Hospital, Ottawa, Canada

6. The Transplanted Woman: Issues to Consider
Moderators: Vincent Armenti, MD, PhD, Thomas Jefferson University, Philadelphia, PA and Veronica Gomez-Lobo, MD, Georgetown University, Washington Hospital Center, Washington, DC

7. The Current Status of Islet Transplantation
Moderators: Bernhard Hering, MD, University of Minnesota, Minneapolis, MN and Ali Naji, MD, University of Pennsylvania Hospital, Philadelphia, PA

8. What Do Animal Models Tell Us About Chronic Rejection?
Moderators: D. Keith Bishop, PhD, University of Michigan Medical Center, Ann Arbor, MI and William Baldwin, MD, PhD, Cleveland Clinic Main Campus, Lerner Research Institute, Cleveland, OH

BREAK
8:15 am – 8:30 am

JOINT PLENARY AND AWARDS
8:30 am – 9:45 am

CONTROVERSIES IN TRANSPLANTATION
9:45 am – 10:45 am
Geographic Disparities in Liver Transplantation and Novel Approaches for Addressing Them
Moderators: Krista Lentine, MD, St. Louis, MO and Goran Klintmalm, MD, PhD, Baylor Regional Transplant Institute, Dallas, TX

9:45 am – 10:00 am  The Case for Redistribution
James Markmann, MD, PhD
Massachusetts General Hospital
Boston, MA

10:00 am – 10:15 am  Economics of Redistribution
Mark Schnitzler, PhD
Saint Louis University School of Medicine
St. Louis, MO

10:15 am – 10:30 am  Mathematical Tools to Design Redistribution
Sommer Gentry, MD, PhD
Baltimore, MD

10:30 am – 10:45 am  Panel Discussion

COFFEE BREAK
10:45 am – 11:00 am

MIDDAY SYMPOSIA

B Lymphocyte/Plasma Cell Homeostasis in Transplantation
Moderators: Michael Cancro, PhD, University of Pennsylvania, Philadelphia, PA and Anita Chong, PhD, University of Chicago, Chicago, IL

11:00 am – 11:30 am  B Lymphocyte/Plasma Cell Development, Selection and Homeostasis
Michael Cancro

11:30 am – 12:00 pm  Plasma Cell and Memory B Cells: Implications for Transplantation
David Tarlinton, PhD
The Walter and Eliza Hall Institute of Medical Research, Parkville, Australia
12:00 pm – 12:30 pm  B Cell Repertoire Directed Approaches for Tolerance in Transplantation
Hooman Noorchashm, MD, PhD
University of Pennsylvania
Philadelphia, PA

Biomarkers as Diagnostic and Prognostic Tools in Organ Transplantation
Moderators: Valeria Mas, PhD, Virginia Commonwealth University, Glen Allen, VA and Thomas Mueller, MD, University of Alberta, Edmonton, Canada

11:00 am – 11:30 am  Biomarkers Discovery and Clinical Application: Why is There Such a Gap?
Daniel Salomon, MD
Scripps Research Institute
La Jolla, CA

11:30 am – 12:00 pm  Biomarkers of Acute Rejection: Where Are We?
Manikkan Suthanthiran, MD
New York Presbyterian Hospital—Cornell
New York, NY

12:00 pm – 12:30 pm  Biomarkers to Predict Outcomes: Is it Possible?
Peter Heeger, MD
Mt. Sinai School of Medicine
New York, NY

New Insights in Fibrogenesis and Tissue Injury
Moderators: Robert Fairchild, PhD, Cleveland Clinic Foundation, Cleveland, OH and Geetha Chalasani, PhD, University of Pittsburgh, Pittsburgh, PA

11:00 am – 11:30 am  Identification of the Transitional Fibrogenic Cells
Benjamin Humphreys, MD, PhD
Brigham & Women’s Hospital
Boston, MA

11:30 am – 12:00 pm  Linking Lung Inflammation and Fibrosis
A.P. Fontenot, MD
University of Colorado—Denver
Aurora, CO

12:00 pm – 12:30 pm  CTGF and Other Factors in Fibrosis
Roslyn Mannon, MD
University of Alabama, Birmingham
Birmingham, AL

Innovative Strategies to Protect the DCD Liver
Moderators: David Foley MD, University of Wisconsin, Madison, WI and John Renz, MD, PhD, University of Arizona, Tucson, AZ

11:00 am – 11:22 am  The DCD Liver Experience to Date: Outcome and Cost Implications of DCD Liver Transplantation
Talia Baker, MD
Northwestern Memorial Hospital
Chicago, IL

11:22 am – 11:44 am  Ex Vivo Normothermic Perfusion of DCD Livers
Peter Friend, MD
University of Oxford
Oxford, United Kingdom

11:44 am – 12:06 pm  Ex Vivo Perfusion of DCD Livers
Pierre Clavien, MD, PhD
University Hospital Zurich
Zurich, Switzerland

12:06 pm – 12:28 pm  Role of Thrombolytic Therapy in DCD Livers: Use in Donor, Recipient or Both?
John Fung, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH

Update and Future Directions of New Immunosuppressive Therapies in Renal Transplantation
Moderators: Bruce Kaplan, MD, AHSC, Tucson, AZ and Chris Larsen, MD, PhD, Emory University, Atlanta, GA

11:00 am – 11:30 am  Ongoing trials with immunosuppressive agents in the pipeline
Herwig-Ulf Meier-Kreische, MD
University of Florida
Gainesville, FL

11:30 am – 12:00 pm  Current Status of the Costimulatory Blockade Agents
Josep Maria Grinyo, MD, PhD
12:00 pm – 12:30 pm Biologic Agents: Opportunities to Affect Novel Pathways for Immunosuppression
Flavio Vincenti, MD
University of California, San Francisco
San Francisco, CA

Novel Antivirals in the Pipeline for HCV: Implications for Transplantation
Moderator: Josh Levitsky
Panel: Kimberly Brown, Raj Reddy

11:00 am -11:30 am Overview of Novel Antivirals for HCV: The Immediate and Distant Future
Norah Terrault

11:30 – 12:00 pm New HCV Therapy in the Transplant Setting: Forward Stride or Slippery Slope?
Greg Everson

12:00 pm – 12:30 pm Panel Discussion

Featured Symposium: Infectious Diseases Update for Pediatric Solid Organ Transplant Recipients
Moderators: Patricia Birk, MD, Children’s Hospital of Winnipeg, Winnipeg, Canada and Simon Horslen, MB, ChB, Seattle Children’s Hospital, Seattle, WA

11:00 am – 11:30 am Top Ten Update for Pediatrics from the 2nd Edition of Infectious Disease Guidelines for Transplant Recipients
Upton Allen, MBBS, MSc
University of Toronto
Toronto, Canada

11:30 am – 12:00 pm Emerging and Opportunistic Infections
Marian Michaels, MD, MPH
Children’s Hospital of Pittsburgh
Pittsburgh, PA

12:00 pm – 12:30 pm Evaluation and Management of Pediatric Solid Organ Transplant Recipients with BK & EBV: Two Interesting Cases
American Transplant Congress 2011 Preliminary Program

Abhay Vats, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA

Vikas Dharnidharka, MD, MPH
University of Florida, College of Medicine
Gainesville, FL

Featured Symposium: Xenotransplantation: Lessons for Allotransplantation
Moderators: Gilles Benichou, MD, PhD, Massachusetts General Hospital, Boston, MA and Pierre Gianello, MD, PhD, CHEX, Belgium

11:00 am – 11:20 am Accommodation: Lessons from Xenotransplantation
Anthony Dorling, PhD, FRCP
King’s College London
London, Canada

11:20 am – 11:40 am Donor-derived Infections: Is Risk Greater with Allotransplantation?
Jay Fishman, MD
Massachusetts General Hospital
Boston, MA

11:40 am – 12:00 pm Innate Immunity: What are NK Cells Doing in Allotransplantation?
Joerg Seebach, MD
University Hospital and Medical Faculty Geneva
Geneva, Switzerland

12:00 pm – 12:20 pm Coagulation and Coagulopathy: Endothelium and Transplantation
Simon Robson, MD, PhD
Beth Israel Deaconess Medical Center
Boston, MA

BREAK
12:30 pm – 12:45 pm
INDUSTRY LUNCHEON
12:45 pm – 2:00 pm

BREAK
2:00 pm – 2:15 pm

CONCURRENT ABSTRACT SESSIONS
2:15 pm – 3:45 pm

STUDENT PROGRAM
2:15 pm – 5:30 pm

The Science, the Art and the Allure of Transplantation: An Educational Session Designed for Medical Students and Residents
Moderator: Dorry Segev, MD, PhD, Johns Hopkins University, Baltimore, MD

Fundamental Concepts of Transplantation
2:15 pm – 2:30 pm  Immunosuppression: How It Works and Why We Need It
Dorry Segev, MD, PhD
Johns Hopkins University
Baltimore, MD

2:30 pm – 2:45 pm  Transplant Surgery: It All Started in 1954
Richard Freeman, MD
Dartmouth Medical School
Hanover, NH

2:45 pm – 3:00 PM  Nephrology and Kidney Transplantation: Better than Dialysis
John Gill, MD, MS
St. Paul’s Hospital
Vancouver, Canada

3:00 pm – 3:15 pm  Hepatology and Liver Transplantation: The Ultimate Treatment
Kimberly Olthoff, MD
University of Pennsylvania Hospital
Philadelphia, PA
3:15 pm – 3:30 pm  Coffee Break

3:30 pm – 3:45 pm  ID: It Only Gets Interesting When You Suppress the Immune System  
Jay Fishman, MD  
Massachusetts General Hospital  
Boston, MA

3:45 pm – 4:00 pm  Heart/Lung: It Doesn’t Get Much More Invasive Than This  
Anne Dipchand, MD  
The Hospital of Sick Children  
Toronto, Canada

4:00 pm – 4:15 pm  Pediatrics: Pediatric Transplants Are Not Just Little Organs  
TBD

4:15 pm – 4:30 pm  Laboratory Research: B Cells, T Cells, Omics, Gene Therapy, You Name It  
Allan Kirk, MD, PhD  
Emory University  
Atlanta, GA

4:30 pm – 4:45 pm  Clinical Research: What Other Field Has a National Registry of 200,000 Patients?  
Krista Lentine, MD  
St. Louis, MO

Why I Love It  
4:45 pm – 5:30 pm  Panel: Why I Love It

4:45 pm – 4:54 pm  Jayme Locke, MD, MPH  
Johns Hopkins Medical Institutions  
Baltimore, MD

4:54 pm – 5:03 pm  Peter Reese

5:03 pm – 5:12 pm  Michael Englesbe

5:12 pm – 5:21 pm  Alan Leichtman

5:21 pm – 5:30 pm  Sandy Feng
ALLIED HEALTH SYMPOSIUM
3:00 pm – 4:30 pm

Are We Speaking the Same Language? Transplant Education and Consent
Moderators: Roxanne Taylor, RN, MSN, Maine Medical Center, Portland, ME and Ashley Seawright, DNP, ACNP-BC, University of Mississippi Health Care

3:00 pm – 3:30 pm  Defining Informed Consent in Transplantation
Maryam Valapour, MD
University of Minnesota
Minnesota, MN

3:30 pm – 4:00 pm  Assessing Learning Readiness
Roy Bloom

4:00 pm – 4:30 pm  Overcoming Cultural Barriers
David Radosevich, RN, PhD
University of Minnesota
Minnesota, MN

TRANSPLANTATION IN DEPTH
2:15 pm – 5:00 pm

Antibody Mediated Rejection: Pathogenesis, Prevention and Treatment
Moderators: Stanley Jordan, MD, Cedars Sinai Medical Center, Los Angeles, CA and Mark Stegall, MD, Mayo Clinic, Rochester, MN

2:15 pm – 2:35 pm  How Does Donor Specific Antibody Develop and How Does It Cause Injury?
Kathryn Tinckam, MD, MMSc, FRCPC
University Health Network
Toronto, Canada

2:35 pm – 2:55 pm  The Pathologic Criteria of Antibody Mediated Injury: A Critical Analysis
Lorraine Racusen, MD
Johns Hopkins Medical Institutions
Baltimore, MD

2:55 pm – 3:15 pm  Defining the Clinical Presentation of Antibody Mediated Rejection: Early versus Late
Denis Glotz
3:15 pm – 3:35 pm How Should Antibody Mediated Rejection be Treated?  
_Denis Glotz_

3:35 pm – 3:55 pm Monitoring for DSA: Risks and Benefits  
_Howard Gebel, PhD_  
_Emory University Hospital_  
_Atlanta, GA_

3:55 pm – 4:10 pm Break

4:10 pm – 5:00 pm Debate: Swap or Desensitize? What’s the Right Way to Go?

4:10 pm – 4:30 pm Desensitization  
_Robert Montgomery, MD, DPhil_  
_Johns Hopkins University_  
_Baltimore, MD_

4:30 pm – 4:50 pm Paired Kidney Donation  
_Adam Bingaman, MD, PhD_  
_Methodist Specialty and Transplant Hospital_  
_San Antonio, TX_

4:50 pm – 5:00 pm Moderated Discussion

BREAK
3:45 pm – 4:00 pm

CONCURRENT ABSTRACT SESSIONS
4:00 pm- 5:30 pm

POSTER SESSION II
5:30 pm – 6:30 pm

INDUSTRY EVENT
7:00 pm
Monday, May 2

SUNRISE SYMPOSIA

Advances in Transplantation for the Diabetic, Uremic Transplant Candidate through Sequential Kidney and Pancreas or Islet Transplantation

Moderators: David Axelrod and TBD

7:00 am – 7:25 am  A Single Center Experience with Pancreas-After-Kidney Transplantation
Jonathan Fridell, MD
Indiana University School of Medicine
Indianapolis, IN

7:25 am – 7:50 am  Predictors of Outcomes for Pancreas-after-Kidney Transplants: Analyses of National SRTR Data
Dixon Kaufman, MD, PhD
Northwestern University School of Medicine
Chicago, IL

7:50 am – 8:15 am  Advances in Islet Transplantation for the Diabetic, Uremic Transplant Candidate
Andrew Posselt, MD, PhD
University of California, San Francisco
San Francisco, CA

B Lymphocytes in Transplant Rejection and Tolerance

Moderators: Stuart Knechtle, MD, PhD, Emory University School of Medicine, Atlanta, GA and Richard Pierson, III, MD, University of Maryland, Baltimore, MD

7:00 am – 7:25 am  B Cell Genomics and Proteomics in Transplantation
Minnie Sarwal, MD, PhD, MRCP
Stanford University School of Medicine
Stanford, CA

7:25 am – 7:50 am  B Cells and Plasma Cells in Rejected Cardiac Transplants
William Baldwin, MD, PhD
Cleveland Clinic Main Campus, Lerner Research Institute
Cleveland, OH
7:50 am – 8:15 am  Appearance of B Cell Biomarkers in Transplantation Tolerance
Kenneth Newell, MD, PhD
Emory University
Atlanta, GA

Beyond the SRTR Expected Outcomes: How Should We Determine the Adequacy of Solid Organ Transplant Programs’ Performance?
Moderators: Kenneth Andreoni, MD, The Ohio State University, Columbus, OH and Bertram Kasiske

7:00 am – 7:15 am  How Does the Joint Commission Certify other Non-Transplant Boutique Programs?
Jean Range

7:15 am – 7:30 am  The Debate Concerning the Public Reporting of Cardiovascular Outcomes
Janis Orlowski, MD
Washington Hospital Center
Washington, DC

7:30 am – 7:50 am  Where Should We Go with Evaluation of Solid Organ Transplant Center Performance?
Chuck Mowll, FACHE
The Joint Commission
Washington, DC

7:50 am – 8:05 am  The Measure of Transplant Programs from the Private Payer View
Dennis Irwin, MD
OptumHealth
Minneapolis, MN

8:05 am – 8:15 am  Discussion

Donor-Derived Infections
Moderators: Shelly Morris, MD, University of Miami, School of Medicine, Miami Beach, FL and Paolo Grossi, MD, PhD, University of Insubria, Varese, Italy
American Transplant Congress 2011 Preliminary Program

7:00 am – 7:25 am  Transplant-Associate Transmission of Infection and Malignancy: DTAC Report 2011
Emily Blumberg, MD
Hospital of the University of Pennsylvania
Philadelphia, PA

7:25 am – 7:50 am  New Challenges: Chikungunya and Dengue?
Paolo Grossi, MD, PhD
University of Insubria
Varese, Italy

7:50 am – 8:15 am  Prevention of Transmission of Tuberculosis and West Nile Virus: Consensus Recommendations
Marian Michaels, MD, MPH
Children’s Hospital of Pittsburgh
Pittsburgh, PA

The Emerging Field of Vascularized Composite Allotransplantation
Moderators: Stefan Tullius, MD, PhD, Brigham and Women’s Hospital, Boston, MA and Linda Cendales, MD, Emory University School of Medicine, Atlanta, GA

7:00 am – 7:25 am  The History & Evolution of Vascularized Composite Allotransplantation
Max Dubernard, MD
University of Lyon
France

7:25 am – 7:50 am  Current Clinical Immunosuppressive Protocols
Stefan Schneeberger, MD
Innsbruck Medical University/Johns Hopkins University
Innsbruck, Austria

7:50 am – 8:15 am  Diagnosis of Rejection in VCA
Rolf Barth, MD
University of Maryland School of Medicine
Baltimore, MD

Hepatitis C Infection after Liver Transplantation
Moderators: Robert Fontana, MD, University of Michigan, Ann Arbor, MI and Robert Brown, Jr., MD, PhD, New York Presbyterian Hospital, New York, NY
7:00 am – 7:25 am  Natural History of Hepatitis C Infection after Liver Transplantation  
Roberto Firpi, MD, MS  
University of Florida College of Medicine  
Gainesville, FL

7:25 am – 7:50 am  Immunosuppression in Post-transplant Hepatitis C: Are There Superior Strategies?  
Michael Charlton, MD  
Mayo Clinic  
Rochester, MN

7:50 am – 8:15 am  Antiviral Therapy for HCV in the Post-transplant Setting  
Frederic Gordon, MD  
Lahey Clinic Medical Center  
Burlington, MA

Long Term Follow Up of the Living Donor: Ethics vs. Finance  
Moderators: Cathy Garvey and Dianne Lapointe-Rudow

7:00 am – 7:25 am  Current Demographics of Living Donors in the United States  
Connie Davis

7:25 am – 7:50 am  Living Donors without Insurance: Are We Responsible?  
Rebecca Hays, MSW, APSW  
University of Wisconsin Hospital and Clinics  
Madison, WI

7:50 am – 8:15 am  Long Term Consequences of Living Donation  
Hassan Ibrahim, MD  
University of Minnesota  
Minneapolis, MN

Kidney Paired Donation: National Experience from US, Korea and Australia  
Moderators: Edward Cole and Dorry Segev, MD, PhD, Johns Hopkins University, Baltimore, MD

7:00 am – 7:25 am  Kidney Paired Donation in Australia  
Paolo Ferrari, MD  
Fremantle Hospital  
Perth, Australia
7:25 am – 7:50 am   Kidney Paired Donation in South Korea
Dae Jooong Kim, MD
Samsung Medical Center
Seoul, South Korea

7:50 am – 8:15 am   Kidney Paired Donation in the United States
John Friedewald, MD
Northwestern University
Chicago, IL

EARLY MORNING WORKSHOPS– TICKETED EVENT
7:00 am- 8:15 am

9. Diving Into the Deep End of the Liver Donor Pool
Moderators: John Renz, MD, PhD, University of Arizona, Tucson, AZ and Eric Schadde, MD, St. Louis University Hospital, St. Louis, MO

10. Interpretation of Donor Specific Antibody Testing and Crossmatch Techniques
Moderators: Peter Nickerson, MD, University of Manitoba, Winnipeg, Canada and M. Sue Leffell, PhD, Johns Hopkins School of Medicine, Baltimore, MD

11. Manuscript Writing Workshop
Moderators: Andrew Wells, PhD, University of Pennsylvania CHOP, Philadelphia, PA and Jonathon Maltzman, MD, PhD, University of Pennsylvania, Philadelphia, PA

12. New Onset Diabetes after Transplantation
Moderators: Harini Chakkera, MD, Mayo Clinic Hospital, Phoenix, AZ and Phuong-Thu Pham, MD, UCLA Medical Center, Charlottesville, CA
13. The Older Transplant Recipient
Moderators: Dianne McKay, MD, The Scripps Research Institute, La Jolla, CA and Patricia Adams, MD, Wake Forest University School of Medicine, Winston-Salem, NC

14. Transplant Infectious Diseases: Future Directions
Moderators: Atul Humar, MD, University of Alberta, Edmonton, Canada and Costi Sifri, MD, University of Virginia Health System, Charlottesville, VA

15. What is the Impact of IL-17 on Transplant Outcomes?
Moderators: William Burlingham, PhD, University of Wisconsin, Madison, WI and Nader Najafian, MD, Brigham & Women’s Hospital, Boston, MA

20. Role of ECMO in Thoracic Transplantation
Moderators: Duane Davis, MD, Duke Medicine, Durham, NC and David Mason

BREAK
8:15 am – 8:30 am

JOINT PLENARY AND AWARDS
8:30 am – 10:00 am

STATE-OF-THE-ART ADDRESS
10:00 am – 10:30 am  Rebuilding Autologous Organs: Cells, Scaffold, Organ
Doris Taylor, PhD

COFFEE BREAK
10:30 am – 11:00 am
MIDDAY SYMPOSIA
11:00 am – 12:30 pm

ALDLT: An Update
Moderators: Elizabeth Pomfret, MD, PhD, FACS, Lahey Clinic Medical Center, Burlington, MA and Jean Emond, MD, Columbia University Medical Center, New York, NY

11:00 am – 11:30 am  Donor Outcomes: Short and Long Term
Paul Greig, MD
Toronto General Hospital UHN
Toronto, Canada

11:30 am – 12:00 pm  ALDLT: Technical Lessons Learned from a High Volume Center
Sung-Gyu Lee, MD
Asan Medical Center of Ulsan University Medical School
Seoul, Korea

12:00 pm – 12:30 pm  ALDLT: Making Smaller Grafts Work
Jean Botha, MB, BCh, FCS
University of Nebraska Medical Center
Omaha, NE

Lymphodepletion and Reconstitution of the T Cell Repertoire
Moderators: Jonathan Bromberg, MD, PhD, University of Maryland, Baltimore, MD and Anna Valujskikh, PhD, The Cleveland Clinic Foundation, Cleveland, OH

11:00 am – 11:30 am  Homeostatic Reconstitution in Lymphopenic Environments
Charles Surh, PhD
The Scripps Research Institute
La Jolla, CA

11:30 am – 12:00 pm  Overcoming Homeostatic Proliferation of Memory T Cells in Allograft Recipients: What we have Learned in Rodent Models
Laurence Turka, MD
University of Pennsylvania Health System
Philadelphia, PA

12:00 pm – 12:30 pm  Reconstitution of the ATG-treated Transplant Patient
Barbara Murphy, MD
microRNAs: New Players in Gene Regulation, Tissue Injury and Rejection

Moderators: Olivia Martinez, PhD, Stanford University School of Medicine, Stanford, CA and Anthony Jevnikar, MD, London Health Sciences Centre, University Hospital, London, Canada

11:00 am – 11:30 am  Transcriptional Control by microRNAs: New Drugable Targets for Transplantation
Carl Novina, MD, PhD
Dana-Farber Cancer Institute
Boston, MA

11:30 am – 12:00 pm  microRNAs as Biomarkers of Kidney Injury and T Cell Activation
John Iacomini, PhD
Brigham & Women’s Hospital
Boston, MA

12:00 pm – 12:30 pm  microRNAs in Human Renal Allograft Rejection
TBD

Update on “Big Science” in Transplant

Moderators: Mohamed Sayegh, MD, Brigham & Women’s Hospital, Boston, MA and Ali Naji, MD, University of Pennsylvania Hospital, Philadelphia, PA

11:00 am – 11:30 am  Collaborative Islet Transplant Consortium Results to Date
Camillo Ricordi, MD
University of Miami School of Medicine
Miami, FL

11:30 am – 12:00 pm  Clinical Trials in Organ Transplantation
Nancy Bridges, MD
NIH/NIAID
Bethesda, MD

12:00 pm – 12:30 pm  Immune Tolerance Network: Where We Stand with Tolerance Trials
Laurence Turka, MD
University of Pennsylvania Health System
Viral Hepatitis in Solid Organ Transplantation

**Moderators:** Norah Terrault, MD, MPH, University of California, San Francisco, San Francisco, CA and James Trotter, MD, University of Colorado HSC, Aurora, CO

11:00 am – 11:30 am  
**Prevention and Treatment of Recurrent Hepatitis C after Liver Transplantation**  
*Marilyn Berenguer, MD, C/STA Genoveea Torres, Valencia, Spain*

11:30 am – 12:00 pm  
**Preventing De Novo or Recurrent HBV after Liver Transplantation**  
*John Lake, MD, University of Minnesota, Minneapolis, MN*

12:00 pm – 12:30 pm  
**Viral Hepatitis in Non-Hepatic Organ Recipients: Donor and Recipient Considerations**  
*Josh Levitsky, MD, Northwestern Memorial Hospital, Chicago, IL*

Featured Symposium: Improving Long-Term Survival in Thoracic Transplantation

This session is co-sponsored by the International Society for Heart and Lung Transplantation (ISHLT)

**Lung Transplantation (ISHLT)**

**Moderators:** Bruce McManus, MD, PhD, University of British Columbia, Vancouver, Canada and Jason Christie, MD, University of Pennsylvania Medical Center, Philadelphia, PA

11:00 am – 11:30 am  
**Are We Better at Preventing Cardiac Allograft Vasculopathy (CAV)?**  
*Howard Eisen, MD, Drexel University College of Medicine, Philadelphia, PA*
11:30 am – 12:00 pm  How to Stop Chronic Heart and Lung Graft Injury from Antibody Mediated Rejection  
Jon Kobashigawa, MD  
Cedars Sinai Heart Institute  
Beverly Hills, CA

12:00 pm – 12:30 pm  Managing Long-term Infection Risk in Thoracic Heart Transplantation  
Robin Avery, MD  
Cleveland Clinic Foundation  
Cleveland, OH

Transplant Jeopardy  
Host: Jay Fishman  
Contestants: Michael Lucey, MD, University of Wisconsin Hospital & Clinic, Madison, WI, Dixon Kaufman, MD, Northwestern University Medical School, Chicago, IL and David Sutherland, MD, PhD, University of Minnesota Hospital, Minneapolis, MN

BREAK  
12:30 pm – 12:45 pm

INDUSTRY LUNCHEON  
12:45 pm – 2:00 pm

BREAK  
2:00 pm – 2:15 pm

CONCURRENT ABSTRACT SESSIONS  
2:15 pm – 3:45 pm

TRANSPLANTATION IN DEPTH  
2:15 pm – 5:30 pm
Tolerance is an Active Immunological Process: Part I and Part II

Moderators: Jonathan Bromberg, MD, PhD, University of Maryland, Baltimore, MD and Maria-Luisa Alegre, MD, PhD, University of Chicago, Chicago, IL

Part I: Tolerance is an Active Immunological Process: Basic Individual Mechanisms of Tolerance

2:15 pm – 2:45 pm  Active Control of Central and Peripheral Deletional Tolerance
Mark Anderson, MD, PhD
University of California, San Francisco
San Francisco, CA

2:45 pm – 3:15 pm   Mechanisms of T Cell Anergy In Vitro and In Vivo
Thomas Gajewski, MD
University of Chicago
Chicago, IL

3:15 pm – 3:45 pm   Active Modulation of Tregs during Inflammation
Vijay Kuchroo

3:45 pm – 4:00 pm  Break

Part II: Tolerance is an Active Immunological Process: Mechanisms of Tolerance in Transplantation and Autoimmunity

4:00 pm – 4:30 pm  Cellular and Physical Requirements for Tolerance Induction in Transplantation: Role of MDSCs and Lymph Nodes
Jonathan Bromberg, MD, PhD
University of Maryland
Baltimore, MD

4:30 pm – 5:00 pm  Homeostatic Checkpoints Necessary for Induction and Maintenance of Tolerance
Laurence Turka, MD
University of Pennsylvania Health System
Philadelphia, PA

5:00 pm – 5:30 pm  Maintenance of Tolerance: Mechanisms That Can Break Transplantation Tolerance after It Has Been Stably Established
Anita Chong, PhD
University of Chicago
ALLIED HEALTH SYMPOSIUM
3:00 pm – 4:30 pm

Living with an Organ Transplant in 2011: Management of Cardiovascular and Oncologic Co-Morbidity
Moderators: Margaret Bia, MD, Yale University School of Medicine, Guilford, CT and Deborah Adey, MD, University of Vermont, Burlington, VT

3:00 pm – 3:30 pm  Treatment of Post Transplant Hypertension
Stephen Textor, MD
Mayo Clinic Foundation
Rochester, MN

3:30 pm- 4:00 pm  Management of Post Transplant Hyperlipidemia
Richard Spong, MD
University of Minnesota
Minneapolis, MN

4:00 pm- 4:30 pm  Skin Cancer: Risk Factor Assessment, Prevention and Treatment
Christina Mitchell, MD
University of Florida
Gainesville, FL

CONCURRENT ABSTRACT SESSIONS
4:00 pm- 5:30 pm

POSTER SESSION III
5:30 pm – 6:30 pm

AST BUSINESS MEETING
5:45 pm – 6:15 pm

ATC/ITNS DINNER– TICKETED EVENT
7:00 pm
Improving Transplant Outcomes: Incorporating Evidence into Transplant Nursing Practice
Speakers: Sandy Cupples, PhD, RN and Cynthia Russell, PhD, RN, ACNS-BC
Tuesday, May 3

SUNRISE SYMPOSIA
7:00 am – 8:15 am

The Critically Ill Lung Transplant Candidate: Clinical Management and Donor Selection
Moderators: David Mason, MD, Cleveland Clinic Foundation, Cleveland, OH and David Zaas, MD, MBA, Duke University, Rochester, NY

7:00 am – 7:25 am Extracorporeal Bridge to Lung Transplantation
Marc de Perrot, MD, MSc
University of Toronto
Toronto, Canada

7:25 am – 7:50 am Donor Selection for the Critically Ill Patient
Stuart Sweet, MD, PhD
Washington University
St. Louis, MO

7:50 am – 8:15 am When is it Time to Delist the Critically Ill Patient?
Sudish Murthy, MD, PhD
Cleveland Clinic
Cleveland, OH

Barriers to the Recovery and Placement of High Risk Organs
Moderators: Randall Sung, MD, University of Michigan Health System, Ann Arbor, MI and Herwig-Ulf Meier-Kreische, MD, University of Florida, Gainesville, FL

7:00 am – 7:25 am Current Utilization of High Risk Organs
Jesse Schold, PhD, M.Stat, M.Ed
Cleveland Clinic Foundation
Cleveland, OH

7:25 am – 7:50 am Use of High Risk Organs in the Current Environment: The Transplant Center Perspective
Chris Freise, MD
University of California, San Francisco
San Francisco, CA
### The Role of the OPTN and Allocation Policy in Facilitating the Use of High Risk Organs

*Kenneth Andreoni, MD*
*The Ohio State University*
*Columbus, OH*

### What Every Clinician Should Know About Designing Better Transplant Trials

**Moderators:** David Ilke, PhD, Rho Inc., Chapel Hill, NC and Donald Hricik, MD, University Hospitals Case Medical Center, Cleveland, OH

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am – 7:25 am</td>
<td>Clinical Trial Outcomes: Longitudinal vs. Cross-Sectional Endpoints</td>
<td>Ronald Helms</td>
<td></td>
</tr>
<tr>
<td>7:25 am – 7:50 am</td>
<td>Sample Size Analyses in the Planning of Clinical Trials</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>7:50 am – 8:15 am</td>
<td>Design Considerations in Solid Organ Transplant Trials</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

### Development of Small Molecules for Therapeutics

**Moderators:** Alessandro Alessandrini, PhD, Massachusetts General Hospital, Boston, MA and Jonathon Maltzman, MD, PhD, University of Pennsylvania, Philadelphia, PA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am – 7:25 am</td>
<td>Small Molecules Engineered to Inhibit Cell Signaling Events</td>
<td>Craig Crews, MD</td>
<td>Yale University</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>New Haven, CT</td>
</tr>
<tr>
<td>7:25 am – 7:50 am</td>
<td>Small Molecule Disruption of Apoptotic Pathways</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>7:50 am – 8:15 am</td>
<td>Small Molecule Inhibitors of Cytokine Receptors</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

### Immunosuppressive Agents and Infectious Disease

**Moderators:** Emily Blumberg, MD, Hospital of the University of Pennsylvania, Philadelphia, PA and Camille Kotton, MD, Massachusetts General Hospital,
Boston, MA

7:00 am – 7:25 am  Monitoring for Infection in Clinical Trials
Marian Michaels, MD, MPH
Children’s Hospital of Pittsburgh
Pittsburgh, PA

7:25 am – 7:50 am  Belatacept: PTLD and Other Infectious Risks?
Michael Green, MD, MPH
Children’s Hospital of Pittsburgh
Pittsburgh, PA

7:50 am – 8:15 am  Newer Biologics and Infectious Disease
Camille Kotton, MD
Massachusetts General Hospital
Boston, MA

Memory T Cell Responses and Induction of Tolerance
Moderators: Peter Heeger, MD, Mt. Sinai School of Medicine, New York, NY and Anna Valujskikh, PhD, The Cleveland Clinic, Cleveland, OH

7:00 am – 7:25 am  Heterologous Memory T Cell Responses and Tolerance
Chris Larsen, MD, PhD
Emory University
Atlanta, GA

7:25 am – 7:50 am  Homeostatic Expansion of Memory T Cells and Tolerance
Faddi Lakkis, MD
University of Pittsburgh/Starzl Transplant Institute
Pittsburgh, PA

7:50 am – 8:15 am  Memory T Cell Responses and Tolerance in Primates
Gilles Benichou, MD, PhD
Massachusetts General Hospital
Boston, MA

The Multi-Disciplinary Approach to Hepatocellular Cancer
Moderators: Kevin Korenblat, MD, Washington University, St. Louis, MO and John Lake, MD, University of Minnesota, Minneapolis, MN

7:00 am – 7:25 am  Molecular Biology of HCC
Lewis Roberts, MBChB, PhD
Mayo Clinic
American Transplant Congress 2011 Preliminary Program

Rochester, MN

7:25 am – 7:50 am  Local-Regional Treatment of Hepatocellular Cancer
Julie Heimbach, MD
Mayo Clinic
Rochester, MN

7:50 am – 8:15 am  Milan and Beyond: Resection vs. Transplantation (Pros, Cons, and Actual Results)
Kenneth Washburn, MD
University of Texas HSC
San Antonio, TX

Renal Disease in Liver Transplantation
Moderators: Roy Bloom, MD, Hospital of the University of Pennsylvania, Philadelphia, PA and James Eason, MD, FACS, University of Tennessee—Methodist University Hospital, Memphis, TN

7:00 am – 7:25 am  Preserving Renal Function While on the Waiting List
Connie Davis, MD
University of Washington
Seattle, WA

7:25 am – 7:50 am  Indications for Combined Liver/Kidney Transplantation
James Eason, MD, FACS
University of Tennessee—Methodist University Hospital
Memphis, TN

7:50 am – 8:15 am  Post-transplant Management of Acute and Chronic Kidney Disease
Julie Thompson, MD
University of Minnesota
Minneapolis, MN

EARLY MORNING WORKSHOPS
7:00 am – 8:15 am

16. Grant Writing Workshop for Principal Investigators
Moderators: Ronald Gill, PhD, University of Colorado, Denver, Aurora, CO and Robert Fairchild, PhD, Cleveland Clinic Foundation, Cleveland, OH
17. High Risk Living Donor
*Moderators: Stephen Textor, MD, Mayo Clinic Foundation, Rochester, MN and Eric Gibney, MD, Piedmont Hospital, Atlanta, GA*

18. Immune Privilege in Transplantation
*Moderators: William Burlingham, PhD, University of Wisconsin, Madison, WI and Peter Heeger, MD, Mt. Sinai School of Medicine, New York, NY*

19. Molecular Reading of Transplant Biopsies
*Moderators: Banu Sis, MD, FRCPC, University of Alberta, Edmonton, Canada and Anthony Demetris, MD, UPMC—Montefiore, Pittsburgh, PA*

21. The Virtual Crossmatch: Understanding its Role in Wait List Management
*Moderators: Howard Gebel, PhD, Emory University Hospital, Atlanta, GA and Kathryn Tinckam, MD, MMSc, FRCPC, University Health Network, Toronto, Canada*

22. What Are the Barriers to Optimal Utilization and Outcomes for Kidney Transplantation from Small/Young Pediatric Donors?
*Moderators: TBD and Liise Kayler, MD, University of Florida, Gainesville, FL*

**BREAK**
8:15 am – 8:30 am

**JOINT PLENARY AND AWARDS**
8:30 am – 10:00 am
STATE-OF-THE-ART ADDRESS
10:00 am – 10:30 am

2099 - A Look Back at Tissue Engineering and Regenerative Medicine in the 21st Century
Joseph Vacanti

BREAK
10:30 am – 11:00 am

PRESIDENTIAL ADDRESSES
11:00 am – 12:00 pm

AST AND ASTS AWARDS
12:00 pm – 12:30 pm

INDUSTRY LUNCHEON
12:45 pm – 2:00 pm

BREAK
2:00 pm – 2:15 pm

CONCURRENT ABSTRACT SESSIONS
2:15 pm – 3:45 pm

FDA SYMPOSIUM
2:15 pm – 4:00 pm

FDA and Solid Organ Transplantation: Issues in the Practice of Medicine
Moderators: Patrick Archdeacon, MD, David Cohen and Robert Merion, MD, University of Michigan, Ann Arbor, MI

2:15 pm – 2:30 pm  Update on FDA Action in Organ Transplantation  TBD

2:30 pm – 2:45 pm  Beyond Maintenance Immunosuppression: Trial Designs for Indications other than Prevention of Acute Rejection in Solid Organ Transplantation
2:45 pm – 3:00 pm  Potential Pharmacodynamic and Pharmacogenomic Biomarkers in Solid Organ Transplantation: Summary of FDA Sponsored Workshop
Gerlie Gieser, PhD
FDA
Silver Spring, MD

3:00 pm – 3:15 pm  Break

3:15 pm – 3:30 pm  Approaches to Drug-Device Co-Development in Solid Organ Transplantation
TBD

3:30 pm – 4:00 pm  Panel Discussion

ALLIED HEALTH SYMPOSIUM
3:00 pm – 4:30 pm

Psychosocial Impact on Postoperative Transplant Outcomes
Moderators: TBD and Deborah Ann Hoch, DNP, Maine Medical Center, Portland, ME

3:00 pm – 3:30 pm  The Relevance of Alcohol Relapse in Orthotopic Liver Transplant
Andrea Dimartini, MD

3:30 pm – 4:00 pm  Managing Drug Seeking Behavior
Rebecca Hays, MSW, APSW
University of Wisconsin Hospital and Clinics
Madison, WI

4:00 pm – 4:30 pm  Quality of Life Issues and Impact on Postoperative Outcomes
Frank Chessa, PhD
Bates College
Lewiston, ME

CONCURRENT ABSTRACT SESSIONS
4:00  pm – 5:30 pm
POSTER SESSION IV
5:30 pm – 6:30 pm

CAREER DEVELOPMENT WORKSHOP
5:30 pm – 8:30 pm

Early Career Development Symposium
Moderators: Leonardo Riella, MD, Brigham & Women’s Hospital, Boston, MA and Michelle Josephson, MD, University of Chicago, Chicago, IL

5:30 pm – 5:40 pm  Opening Remarks and Launching of Trainee and Junior Faculty CoP
Leonardo Riella, MD
Brigham & Women’s Hospital
Boston, MA

5:40 pm – 6:10 pm  The Future of Clinical Research
Flavio Vincenti, MD
University of California, San Francisco
San Francisco, CA

6:10 pm – 6:40 pm  Evolving Models of Basic Research and Translation to Clinical Practice
Peter Heeger, MD
Mt. Sinai School of Medicine
New York, NY

6:40 pm – 7:00 pm  Job Negotiation
Barbara Murphy, MD,
Mt. Sinai School of Medicine
New York, NY

7:00 pm – 7:30 pm  Panel Discussion on Career Opportunities in Academia and Beyond
Roslyn Mannon, MD
University of Alabama, Birmingham
Birmingham, AL

John Neylan, MD
Genzyme
Cambridge, MA
TBD

7:30 pm – 8:30 pm  Networking Reception

ASTS BUSINESS MEETING
5:45 pm – 6:45 pm

INDUSTRY EVENT
7:00 pm
Wednesday, May 4

SUNRISE SYMPOSIA
7:00 am – 8:15 am

Role of Mechanical Circulatory Support in Heart Transplantation
Moderators: Mariell Jessup, MD, Penn Institute for Immunology, Philadelphia, PA and Josef Stehlik

7:00 am – 7:25 am  VAD-induced Sensitization and Post-transplant Outcomes
Lori West, MD, DPhil
University of Alberta
Edmonton, Canada

7:25 am – 7:50 am  Can Survival with VAD Be As Good As Transplant?
Jeffrey Teuteberg, MD
University of Pittsburgh
Pittsburgh, PA

7:50 am – 8:15 am  Mechanical Support in Children: Present and Future
D. Morales, MD
Texas Children’s Hospital
Houston, TX

Assessing the Risk for Kidney Allograft Failure
Moderators: Michael Mengel, MD, University of Alberta, Edmonton, Canada and Fernando Cosio, MD, Mayo Clinic, Rochester, MN

7:00 am- 7:25 am  De Novo HLA-antibodies and the Risk for Allograft Failure
Michael Cecka, MD
UCLA Immunogenetics Center
Los Angeles, CA

7:25 am – 7:50 am  Histopathological Risk Factors in Kidney Allografts
Michael Mengel, MD
University of Alberta
Edmonton, Canada

7:50 am – 8:15 am  Molecular Risk Prediction from Kidney Allograft Biopsies
Bone Disease in Kidney Transplant Patients: What Diagnostic and Therapeutic Approaches Should We Use?

Moderators: Margaret Bia, MD, Yale University School of Medicine, Guilford, CT and Michelle Josephson, MD, University of Chicago, Chicago, IL

7:00 am – 7:25 am  Diagnostic Approaches to Post-transplant Bone Disease
Stuart Sprague, DO
North Shore University Health System
Evanston, IL

7:25 am – 7:50 am  Treating Post-transplant Bone Loss: Are Bisphosphonates and Teriparitide Useful?
Maria Coco, MD
Montefiore Medical Center
Bronx, NY

7:50 am – 8:15 am  Regulating Mineral Disorders Post-transplant: Vitamin D, Calcium and Cinacalcet Use
Michael Germain, MD
Western New England Renal
Springfield, MA

Donor Management: Organ Donation and Critical Care

Moderators: Ginny McBride, MD, AMVAT Consulting, Grand Junction, CO and Ali Salim, MD, Cedars-Sinai Medical Center, Los Angeles, CA

7:00 am – 7:25 am  Current State of Organ Donation in the United States
John Roberts, MD
University of California, San Francisco
San Francisco, CA

7:25 am – 7:50 am  An Update from the SCCM/ACCP Organ Donor Task Force Consensus Guidelines
Sandra Lee Blosser, MD, FCCM
Penn State University
Mechanicsburg, PA

7:50 am – 8:15 am  Management of the Critically Ill Donor
Nader Habashi, MD
Small Bowel Transplantation: The Basics

**Moderators:** Douglas Farmer, MD, Ronald Reagan UCLA Medical Center, Los Angeles, CA and George Mazaereigos, MD, Children’s Hospital of Pittsburgh, Pittsburgh, PA

7:00 am – 7:25 am  Small Bowel Transplantation: When and Why?
Simon Horslen, MD, ChB
Seattle Children’s Hospital
Seattle, WA

7:25 am – 7:50 am  Small Bowel Transplantation: How and at What Risk?
Wendy Grant, MD
University of Nebraska Medical Center
Omaha, NE

7:50 am – 8:15 am  Small Bowel Transplantation: Then What?
Thomas Fishbein

Stem Cell Mediated Therapy in Transplantation

**Moderators:** Robert Fairchild, PhD, Cleveland Clinic Foundation, Cleveland, OH and TBD

7:00 am – 7:25 am  Overview of Stem cells and Role in the Inflammatory Response
TBD

7:25 am – 7:50 am  Regulatory Stem Cells and Allograft Tolerance
Lorenzo Piemonti, MD
San Raffaele Scientific Institute
Milano, Italy

7:50 am – 8:15 am  Mesenchymal Stem Cells as Immunomodulators
Jacques Galipeau, MD, FRCP
McGill Faculty of Medicine
Montreal, Canada

**EARLY MORNING WORKSHOPS – TICKETED EVENT**

7:00 am – 8:15 am
23. Challenges in Organ Donor Management  
*Moderators: Darren Malinoski, MD, FACS, Cedars-Sinai Medical Center, Los Angeles, CA and Michael Goldstein, MD, Mt. Sinai School of Medicine, New York, NY*

24. Evolving Role of NK Cells in Solid Organ Transplantation  
*Moderators: Jonathan Bromberg, MD, PhD, University of Maryland, Baltimore, MD and Joren Madsen, MD, DPhil, Massachusetts General Hospital, Boston, MA*

25. Molecular Expression Profiling to Assess Rejection Risk in Heart Transplantation  
*Moderators: Michael Pham, MD, University of Miami, Miami, FL and Abdullah Kfoury, MD, Intermountain Medical Center, Murray, UT*

26. Risks and Solutions in Transplantation and Policy Implications  
*Moderators: Daniela Ladner, MD, Northwestern Memorial Hospital, Chicago, IL and Donna Woods, PhD, Northwestern University, Aurora, CO*

27. The Current Status of Liver Assist Devices  
*Moderators: Scott Nyberg, MD, PhD, Mayo Clinic, Rochester, MN and Jeffrey Fair, MD, Cedars-Sinai Comprehensive Transplant Center, Los Angeles, CA*

28. Vascularized Composite Allotransplantation: Development of Donation Best Practices and Establishment of a VCA Program  
*Moderators: Jeffrey Orlowski, MS, Center for Donation and Transplant, Albany, NY and Linda Cendales, MD, Emory University School of Medicine*

29. WHCOP Advisory Network  
*Moderators: Dianne McKay, MD, The Scripps Research Institute, Chicago, IL and Sheri Krams, PhD, Stanford University School of Medicine, Stanford, CA*

---

Succeeding in a Basic Science Center  
*Kathryn Wood, DPhil*  
*University of Oxford*  
*United Kingdom*
Succeeding in an Academic Medicine Career  
*Milagros Samaniego*

Leading an Academic Department  
*Kimberly Brown*  
*Mt. Sinai School of Medicine*  
*New York, NY*

Succeeding in a Private Practice  
*TBD*

Succeeding in Industry  
*Kathy Lake, PharmD*  
*Roche Pharma*  
*Dexter, MI*

Succeeding in Allied Health  
*Linda Ohler, MSN, RN, CCTC*  
*Georgetown University*  
*Washington, DC*

How to Balance Family and Career  
*Sheri Krams, PhD*  
*Stanford University School of Medicine*  
*Stanford, CA*

Succeeding as a Woman in Transplant Surgery  
*Yolanda Becker, MD*  
*University of Chicago*  
*Chicago, IL*

30. Auto Islet Transplantation  
*Moderators: Kenneth Brayman, MD, PhD, University of Virginia Health System, Charlottesville, VA* and *David Sutherland, MD, PhD, University of Minnesota Hospital, Minneapolis, MN*

**BREAK**  
8:15 am – 8:30 am

**JOINT PLENARY AND AWARDS**  
8:30 am – 10:00 am
KEYNOTE ADDRESS
10:00 am – 10:30 am
The Not-So Distant Future of Organ Transplantation—Ethical Obstacles and Opportunities
Arthur Caplan

COFFEE BREAK
10:30 am – 10:45 am

CONCURRENT ABSTRACT SESSIONS
10:45 am – 12:15 pm

WHAT’S HOT, WHAT’S NEW
12:15 pm – 1:15 pm
Moderators: Michael Abecassis and Robert Gaston, MD, University of Alabama at Birmingham, Birmingham, AL

12:15 pm – 12:45 pm Clinical
Seth Karp, MD
Beth Israel Deaconess Medical Center
Boston, MA

12:45 pm – 1:15 pm Basic
Roslyn Mannon, MD
University of Alabama, Birmingham
Birmingham, AL