

Saturday, May 2, 2015

Pre-Meeting Symposia

1:00 pm -5:30 pm

ADVANCED IMMUNOLOGY UPDATES FOR BASIC AND CLINICAL SCIENTISTS

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

- 1:00 pm – 1:30 pm Update on Innate Immunity in Transplantation
Paolo Cravedi, MD
Ichan School of Medicine at Mt. Sinai
New York, NY, USA
- 1:30 pm – 2:00 pm Update on T Cell Development and Function
Leonardo Riella, MD, PhD
Brigham and Women’s Hospital Harvard University
Boston, MA, USA
- 2:00 pm – 2:30 pm Update on B Cell Development
Geetha Chalasni, MD
Thomas E. Starzl Transplant Institute
Pittsburgh, PA, USA
- 2:30 pm – 3:00 pm Update on Tregs
Qhizi Tang, PhD
University of California San Francisco
San Francisco, CA, USA
- 3:00 pm – 3:15 pm Coffee Break
- 3:15 pm – 3:45 pm Update on Bregs
David Rothstein, MD
Thomas E Starzl Transplant Institute
University of Pittsburgh Medical Center
Pittsburgh, PA, USA
- 3:45 pm – 4:15 pm Update on T Cell Memory
Jonathan Maltzman, MD
University of Pennsylvania
Philadelphia, PA, USA
- 4:15 pm – 4:45 pm Top 10 Immunology Papers of the Year
Marisa Alegre, MD, PhD
University of Chicago
G. Knapp Center for Lupus & Immun. Research
Chicago, IL, USA

and

Anita Chong, MD

University of Chicago
Chicago, IL, USA

BASIC IMMUNOLOGY AND TRANSPLANT IMMUNOLOGY FOR THE CLINICIAN

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

- 1:00 pm – 1:30 pm Overview – What Does an Immune Response Look Like, Start to Finish
Robert Fairchild, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA
- 1:30 pm – 2:00 pm Innate Immunity and Its Role in Graft Rejection
Andrew Gelman, PhD
Washington University School of Medicine
St. Louis, MO, USA
- 2:00 pm – 2:30 pm Development and Detection of Donor-Reactive T Cell Responses
Melissa Yeung, MD, FRCPC
Brigham & Women's Hospital/Harvard Medical School
Boston, MA, USA
- 2:30 pm – 3:00 pm Cell Mediated Rejection: Effector Mechanisms in Graft Injury
Jonathan Bromberg, MD
University of Maryland School of Medicine
Baltimore, MD, USA
- 3:00 pm – 3:15 pm Coffee Break
- 3:15 pm – 3:45 pm B Cells and Antibody Mediated Effector Mechanisms in Graft Injury
William Baldwin, MD, PhD
Cleveland Clinic
Cleveland, OH, USA
- 3:45 pm – 4:15 pm T Cell and B Cell Targeted Immunosuppression in Transplantation
Roslyn Mannon, MD
University of Alabama at Birmingham
Birmingham, AL, USA
- 4:15 pm – 4:45 pm Impact of Immunological Memory on Graft Outcome
Andrew Adams, MD
Emory University School of Medicine
Atlanta, GA, USA
- 4:45 pm – 5:15 pm Designing and Implementing Tolerance Strategies for Clinical Transplantation
Sandy Feng, MD, PhD
University of California San Francisco
San Francisco, CA, USA

MEDICAL CARE OF THE KIDNEY TRANSPLANT RECIPIENT ***KEEPING THE KIDNEY RECIPIENT ALIVE***

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

- 1:00 pm – 1:25 pm Skin Cancer: Should Immunosuppression Be Altered?
Germaine Wong, MBBS, PhD
University of Sydney Medical School
Sydney, Australia
- 1:25 pm – 1:50 pm Metabolic Syndrome: Can This Be Prevented?
Harini Chalkkera, MD, MPH
Mayo Clinic Arizona
Phoenix, AZ, USA
- 1:50 pm – 2:15 pm New KDIGO Lipid Guidelines: Should These Be Applied to Our Transplant Patients?
Christoph Wanner, MD
University of Medicine
Wuerzburg, Germany
- 2:15 pm – 2:40 pm CMV: What is Optimal Treatment of CMV in 2015?
Kevin Gregg, MD
University of Michigan
Ann Arbor, MI, USA
- 2:40 pm – 3:05 pm Recurrent UTI: Is Surgical Management Preferred Over Medical Therapy?
John Stoffel, MD
University of Michigan School of Medicine
Ann Arbor, MI, USA
- 3:05 pm – 3:15 pm Coffee Break

KEEPING KIDNEY ALLOGRAFT ALIVE

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

- 3:15 pm – 3:45 pm Chronic AMR: Should This Diagnosis Alter Therapy?
Kathryn Tinckam, MD
University Health Network
Toronto, ON, Canada
- 3:45 pm – 4:15 pm eGFR Measurement: Is This Really Better than Serum Creatinine for Assessing Renal Function?
Andrew Rule, MD
Mayo Clinic
Rochester, MN, USA
- 4:15 pm – 4:45 pm BK Virus Nephropathy: Are We Making Any Progress with Therapy?
Parmjeet Randhawa, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA
- 4:45 pm – 5:15 pm Recurrent Glomerulonephritis: What Therapies Are Effective?

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

MOVING FORWARD IN QUALITY AND OUTCOMES: A TEAM APPROACH

SESSION ONE

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

- 1:00 pm – 1:05 pm Introductory Remarks
Marian O'Rourke, RN, CCTC
Jackson Memorial Hospital
Miami, FL, USA
- 1:05 pm – 1:45 pm Transplantation, The First Government Takeover of Healthcare?
John Lake, MD
University of Minnesota Medical School
Minneapolis, MN, USA
- 1:45 pm – 2:30 pm Developing an Effective QAPI Program
Jennie Perryman, RN, PhD
Emory University Hospital
Atlanta, GA, USA
- 2:30 pm – 3:30 pm Managing and Analyzing Data
Jesse Schold, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA
- 3:30 pm – 3:45 pm Coffee Break

SESSION TWO

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

- 3:45 pm – 4:30 pm Keeping Ahead of SRTR Program Specific Reports
Brigitte Sullivan, MBA
The Johns Hopkins Comprehensive Transplant Center
Baltimore, MD, USA
- 4:30 pm – 5:15 pm More Than You Want to Know About CUSUM and Bayesian Models
Dorry Segev, MD, PhD
Johns Hopkins University Department of Surgery
Baltimore, MD, USA
- 5:15 pm – 5:30 pm Panel Discussion
- 5:30 pm Closing Remarks

CURRENT CHALLENGES IN HPB AND LIVER TRANSPLANT SURGERY

1:00 pm – 1:05 pm Introduction
William Chapman, MD
Washington University in St. Louis
St. Louis, MO, USA

STRATEGIES FOR MANAGEMENT OF HCC

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

1:05 pm – 1:25 pm Current Methods and Program Requirements for Downstaging: Does it Matter?
Francis Yao, MD
University of California San Francisco
San Francisco, CA, USA

1:25 pm – 1:45 pm Resection vs. Transplantation for HCC
Alan Hemming, MD
University of California, San Diego
Department of Surgery
San Diego, CA, USA

1:45 pm – 2:05 pm Resection with Salvage Transplantation Should Be Our Preferred Approach for HCC
Myron Schwartz, MD
Ichan School of Medicine at Mt. Sinai
New York, NY, USA

2:05 pm – 2:30 pm Liver Donor OLT for HCC Beyond Milan: What are the Limits?
Laura Kulik, MD
Northwestern University
Chicago, IL, USA

2:30 pm – 3:00 pm Case Presentations

3:00 pm – 3:20 pm Coffee Break

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

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

3:20 pm – 3:40 pm Liver Transplantation for Hilar Cholangiocarcinoma
Charles Rosen, MD
Mayo Clinic
Rochester, MN, USA

3:40 pm – 4:00 pm Liver Resection for Hilar Cholangiocarcinoma
Ian McGilvray, MD
University of Toronto
Toronto, ON, Canada

4:00 pm – 4:20 pm Management of Borderline Resectable Intrahepatic Cholangiocarcinoma
William Chapman, MD
Washington University in St. Louis
St. Louis, MO, USA

4:20 pm – 4:40 pm Liver Transplantation for Metastatic Neuroendocrine Cancer
Jan Lerut, MD, PhD
University Hospitals St. Luc
Brussels, Belgium

4:40 pm – 5:00 pm Case Presentations

EXCITING UPDATES IN TRANSPLANT ID: CASE-BASED LEARNING
PREPARING FOR TRANSPLANT/PERITRANSPLANT PERIOD

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

1:00 pm – 1:20 pm Crossing Muddy Waters: VAD Infections
Shirish Huprikar, MD
Icahn School of Medicine at Mt. Sinai
New York, NY, USA

1:20 pm – 1:40 pm Lurking Red Snappers: Latent TB
Michelle Morris, MD
University of Miami Miller School of Medicine
Miami, FL, USA

1:40 pm – 2:00 pm Safely Expanding the Donor Pool
Daniel Kaul, MD
University of Michigan
Ann Arbor, MI, USA

VIRUSES: THE ACHILLES HEEL AFTER TRANSPLANT

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

2:00 pm – 2:20 pm Advances in CMV
Camille Kotton, MD
Massachusetts General Hospital
Infectious Diseases Division
Boston, MA, USA

2:20 pm – 2:40 pm Prevention and Treatment of PTLT
Michael Green, MD, MPH
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

2:40 pm – 3:00 pm Crossing the HOPE Frontier: HIV and Transplantation
Emily Blumberg, MD
Hospital of the University of Pennsylvania

Philadelphia, PA, USA

3:00 pm – 3:20 pm Less Famous Viruses: JC, Adenovirus, HHV6, Parvovirus
Raymund Razonable, MD
Mayo Clinic College of Medicine
Rochester, MN, USA

3:20 pm – 3:40 pm Coffee Break

WHAT ENQUIRING MINDS WANT TO KNOW

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

3:40 pm – 4:00 pm MDR Organisms, Antibiotic Stewardship and Infection Control
Lillian Abbo, MD
University of Miami Miller School of Medicine
Miami, FL, USA

4:00 pm – 4:20 pm Antifungal Prophylaxis in SOT
Barbara Alexander, MD, MHS
Duke University
Durham, NC, USA

4:20 pm – 4:40 pm Vaccination of the Adult Transplant Recipient
Deepali Kumar, MD, MSc
University Health Network
Toronto, ON, Canada

4:40 pm – 5:00 pm Transplant ID Diagnostic Pearls Every Clinician Should Know
Angela Caliendo, MD, PhD
Brown University
Providence, RI, USA

ON YOUR TOES: RAPID FIRE CASES

5:00 pm – 5:30 pm Rapid Fire Cases
Deepali Kumar, MD, MSc
University Health Network
Toronto, ON, Canada

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

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

IMMUNE MONITORING IN THORACIC ORGAN TRANSPLANTATION

METHODS AND MECHANISMS

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

- 1:00 pm – 1:30 pm Mechanisms of Rejection in Solid Organ Transplantation
Stanley Jordan, MD
Cedars Sinai Medical Center
Los Angeles, CA, USA
- 1:30 pm – 2:00 pm Blood Biomarkers for the Detection of Rejection in Transplant Recipients
Bruce McManus, MD
St. Paul's Hospital
Vancouver, BC, Canada
- 2:00 pm – 2:30 pm Cellular and Molecular Mechanisms of Tolerance
James Allan, MD
Massachusetts General Hospital
Marblehead, MA, USA
- 2:30 pm – 3:00 pm Significance of Circulating Antibodies in Immune Monitoring
Monica Colvin, MD, MS
University of Minnesota
Minneapolis, MN, USA
- 3:00 pm – 3:20 pm Coffee Break

CLINICAL APPLICATIONS

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

- 3:20 pm – 3:50 pm Current Immune Monitoring in Heart Transplantation: Allomap, ImmuneKnow, Others (BNP, CRP, Troponin) – Advantages and Limitations
Jon Kobashigawa, MD
Cedars Sinai Heart Institute
Los Angeles, CA, USA
- 3:50 pm – 4:20 pm Current Immune Monitoring in Lung Transplantation
Sangeeta Borade, MD
Northwestern Memorial Hospital
Chicago, IL, USA
- 4:20 pm – 4:50 pm The Future is Now in Immune Monitoring after Heart Transplantation: The Clinical Use of Cell-Free DNA and mRNA
Michael Pham, MD, MPH
Stanford Health Care
Stanford, CA, USA
- 4:50 pm – 5:20 pm The Future of Immune Monitoring in Lung Transplantation
Joseph Pilewski, MD
University of Pittsburgh
Pittsburgh, PA, USA

Opening of Exhibits
5:30 pm - 7:30 pm

Poster Session A
5:30 pm - 7:30 pm

Sunday, May 3, 2015

Sunrise Symposia
7:00 am – 8:15 am

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

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

- 7:00 am – 7:25 am AMR: What We Know from Other Solid Organ Transplants
Vinay Nair, DO
Ichan School of Medicine at Mt. Sinai
New York, NY, USA
- 7:25 am – 7:50 am The Pathological Spectrum of AMR in Liver Transplantation: C4D and Beyond
Anthony Jake Demetris, MD
UPMC – Montefiore
Pittsburgh, PA, USA
- 7:50 am – 8:15 am Prevention and Treatment of AMR in Liver Transplantation
Jacqueline O'Leary, MD
Baylor University Medical School
Dallas, TX, USA

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

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

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

MECHANISMS OF IMMUNOREGULATION IN RESPONSE TO LIVER ALLOGRAFT

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

- 7:00 am – 7:25 am Antigen-Presenting Cells in the Liver
Angus Thomson, PhD, DS
University of Pittsburgh School of Medicine
Pittsburgh, PA, USA
- 7:25 am – 7:50 am Immunoregulation by Liver Allografts
Timucin Taner, MD, PhD
Mayo Clinic
Rochester, MN, USA
- 7:50 am – 8:15 am Biomarkers in Tolerant Liver Transplant Recipients
Alberto Sanchez-Fueyo, MD, PhD
Kings College London
London, United Kingdom

TRANSPLANTATION AND THE TEENAGER: OPENING PANDORA'S BOX

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

- 7:00 am – 7:25 am What Are They Thinking? The Adolescent Brain and Risk Taking Behavior
Kristin Reikert, PhD
Johns Hopkins School of Medicine
Baltimore, MD, USA
- 7:25 am – 7:50 am The Birds and the Bees: Puberty and Beyond
Maria Trent, MD
Johns Hopkins School of Medicine
Baltimore, MD, USA
- 7:50 am – 8:15 am For Better or Worse? PTSD and Other Mental Health Issues in Adolescent
Transplant Recipients
Rachel Moore, PhD
Children's Mercy
Kansas City, MO, USA

PERFORMANCE ANXIETY: IMPROVING THE PERFORMANCE ASSESSMENT PROCESS

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

- 7:00 am – 7:25 am The Good, The Bad, The Needs: Current Prediction Methods Used in PSRs
Ajay Israni, MD
Hennepin County Medical Center
Minneapolis, MN, USA
- 7:25 am – 7:50 am The OPTN Data Advisory Committee and New Variables that Adjust for Risk
Stuart Sweet, MD, PhD
Washington University

St. Louis, MO, USA

7:50 am – 8:15 am C Creating the Ideal Performance Evaluation
Jesse Schold, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

INFECTION, IMMUNITY AND THE MICROBIOME

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

7:00 am – 7:25 am Gut Microbiota, Immunity and the Allograft
Peter Mannon, MD
University of Alabama at Birmingham
Birmingham, AL, USA

7:25 am – 7:50 am Enteric Viruses: Norovirus and Rotavirus
Michael Green, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

7:50 am – 8:15 am Modern Therapy of Clostridium Difficile
Aneesh Mehta
Emory University School of Medicine
Atlanta, GA, USA

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

Moderators: Phillip Camp, MD, Brigham and Women's Hospital, Boston, MA, USA and Cynthia Gries, MD, MSc, University of Pittsburgh, Pittsburgh, PA, USA

7:00 am – 7:30 am Re-do Lung Transplantation: Patient and Donor Selection and Technical Pitfalls
Robert (Duane) Davis, MD, MBA
Duke University Medical Center
Durham, NC, USA

7:30 am – 8:00 am Re-do Lung Transplantation: Are We Doing the Right Thing?
Christopher Wigfield, MD
The University of Chicago Medicine & Biological Science
Chicago, IL, USA

8:00 am – 8:15 am Q&A Discussion

PRETRANSPLANT IMMUNOLOGICAL RISK ASSESSMENT FOR SUCCESSFUL TRANSPLANTATION OF SENSITIZED PATIENTS

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

7:00 am – 7:25 am Solid Phase Assays for HLA Antibody Detection: Panacea or Pandora
Robert Bray, PhD
Emory University Hospital

Atlanta, GA, USA

7:25 am – 7:50 am Cell Based Assays for Assessing Immunologic Risk: What Role Should They Play?
Emilio Poggio, MD
Cleveland Clinic
Cleveland, OH, USA

7:50 am – 8:15 am The Role of the Molecular Microscope: The Molecular Approach to the Sensitized Recipient
Enver Akalin, MD
Albert Einstein College of Medicine
Montefiore Medical Center Kidney Transplant
Bronx, NY, USA

Break
8:15 am – 8:30 am

Joint Plenary
8:30 am – 9:45 am

ASTS Awards
9:45 am – 10:00 am

AST Awards
10:00 am – 10:15 am

State-of-the-Art Presentation

10:15 am – 10:45 am Complement: More Than a “Guard” Against Pathogens
John Lambris, PhD
University of Pennsylvania
Department of Pathology & Laboratory Medicine
Philadelphia, PA, USA

Coffee Break
10:45 am – 11:00 am

Midday Symposia
11:00 am – 12:30 pm

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

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

11:00 am – 11:10 am Combined Heart/Kidney Transplantation
Allen Anderson, MD
Northwest Medicine
Chicago, IL, USA

11:10 am – 11:20 am Kidney Transplant Surgical Response to Speaker
Yolanda Becker, MD
University of Chicago

Chicago, IL, USA

- 11:20 am – 11:30 am Combined Heart/Liver Transplantation
Keyur Shah, MD
Virginia Commonwealth University
Richmond, VA, USA
- 11:30 am – 11:40 am Liver Transplant Surgical Response to Speaker
Adrian Cotterell, MD
Medical College of Virginia Hospitals
Richmond, VA, USA
- 11:40 am – 11:55 am Combined Heart/Lung Transplantation
Gosta Pettersson, MD, PhD
Cleveland Clinic
Shaker Heights, OH, USA
- 11:55 am – 12:00 pm Q/A Discussion

GENERIC TACROLIMUS: GOOD MEDICINE OR CHEAP FIX

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

- 11:00 am – 11:30 am Results of Brand, Generic Hi and Generic Lo Tacrolimus Pharmacokinetic Studies in Kidney and Liver Transplant Recipients
Rita Alloway, PharmD
University of Cincinnati College of Medicine
Cincinnati, OH, USA
- 11:30 am – 12:00 pm State of the Art Tacrolimus Analytical Methodology Application to Tacrolimus Product and Bioequivalence Testing
Uwe Christians, MD, PhD
iC42 Clinical Research and Development
University of Colorado
Aurora, CO, USA
- 12:00 pm – 12:30 pm Evaluating the Impact of Pharmacogenetics on Tacrolimus Bioequivalence in Transplant Recipients
Alexander Vinks, PharmD
Cincinnati Children's Hospital Medical Center
Cincinnati, OH, USA

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

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

- 11:00 am – 11:30 am Share 35: Pros and Cons after 36 Months after Implementation
David Mulligan, MD
Yale University School of Medicine

New Haven, CT, USA

- 11:30 am – 12:00 pm Redistricting of Liver Organs: Looking into the Crystal Ball
Sommer Gentry, PhD
United States Naval Academy
Annapolis, MD, USA
- 12:00 pm – 12:30 pm Redistricting of Liver Organs: Potential Problems and Pitfalls
Michael Charlton, MD
Intermountain Medical Center
Murray, UT, USA

SHORT AND LONG NON-ENCODING RNA MEDIATED REGULATION OF IMMUNITY

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

- 11:00 am – 11:30 am Non-Encoding RNA Regulation of Cell Physiology
Harvey Lodish, PhD
Massachusetts Institute of Technology/Whitehead Institute
Cambridge, MA, USA
- 11:30 am – 12:00 pm Modulation of the Innate Immunity by Long Non-Encoding RNA
Susan Carpenter, PhD
University of California San Francisco
San Francisco, CA, USA
- 12:00 pm – 12:30 pm MicroRNAs in T Cell Differentiation and Function
Sheri Krams, PhD
Stanford University School of Medicine
Stanford, CA, USA

LIVING DONATION IS SAFE: FACT OR FICTION?

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

- 11:00 am – 11:15 am Risk of End-Stage Renal Disease Following Donation
Dorry Segev, MD, PhD
Johns Hopkins University
Department of Surgery
Baltimore, MD, USA
- 11:15 am – 11:20 am Discussion
Led by Alan Leichtman, MD
University of Michigan
Ann Arbor, MI, USA
- 11:20 am – 11:35 am Long-Term Risks for Kidney Donors
Hallvard Holdaas, MD, PhD
Rikshospitalet
Oslo, Norway

- 11:35 am – 11:40 am Discussion
Led by Lloyd Ratner, MD, MPH
Columbia University
New York, NY, USA
- 11:40 am – 11:55 am Mortality and Cardiovascular Disease among Older Live Kidney Donors
Peter Reese, MD, MS
University of Pennsylvania
Philadelphia, PA, USA
- 11:55 am – 12:00 pm Discussion
Led by Hassan Ibrahim, MD
University of Minnesota HC
Minneapolis, MN, USA
- 12:00 pm – 12:15 pm Medical Outcomes among Publicly and Privately Insured Living Donors
Amit Garg, MD
London Health Sciences Service Center
London, ON, Canada
- 12:15 pm – 12:20 pm Discussion
Led by Krista Lentine, MD
St. Louis University School of Medicine
St. Louis, MO, USA

T REGULATORY CELLS

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

- 11:00 am – 11:30 am Mouse and Human Treg Populations
Megan Levings, MD
University of British Columbia
Vancouver, BC, Canada
- 11:30 am – 12:00 pm Microbial Metabolites Regulate Treg Homeostasis of the Colon
Jinfang Zhu
NIH
Bethesda, MD, USA
- 12:00 pm – 12:30 pm Skin-Resident Tregs in Health and Disease
Laurence Turka, MD
Massachusetts General Hospital
Boston, MA, USA

KIDNEY TRANSPLANTATION IN THE ELDERLY

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

- 11:00 am – 11:30 am Frailty – Novel Metric or Novelty?
Mara McAdams-DeMarco, MS, PhD
Johns Hopkins University
Baltimore, MD, USA

- 11:30 am – 12:00 pm What is the Best Type of Allograft for the Elderly Candidate?
John Gill, MD
St. Paul's Hospital
Vancouver, BC, Canada
- 12:00 pm – 12:30 pm Defining the Optimal Immunosuppressive Regimen for the Elderly Kidney
Transplant Recipient
Dianne McKay, MD
University of California San Diego
La Jolla, CA, USA

REGENERATIVE MEDICINE TECHNOLOGIES FOR NEW GENERATION BIOARTIFICIAL ENDOCRINE PANCREAS

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

- 11:00 am – 11:30 am Clinical Programs of Stem Cell Therapy for Diabetes
Daniel Pipeleers, MD, PhD
Brussels Free University VUB
Brussels, Belgium
- 11:30 am – 12:00 pm What Cells Shall We Use to Bioengineer a New Generation Bioartificial Pancreas?
Lorenzo Piemonti, MD
IRCCS San Raffaele Scientific Institute
Milan, Italy
- 12:00 pm – 12:30 pm Cell Reprogramming for the Treatment of Diabetes
Juan Dominguez-Bendala, PhD
University of Miami
Diabetes Research Institute/Surgery
Miami, FL, USA

EMERGING INSIGHTS IN VIRAL INFECTIONS AND SOLID ORGAN TRANSPLANTATION

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

- 11:00 am – 11:30 am Novel Prevention of BK: Monitoring, Cellular Assays, and Quinolones Plus Other
Combination Therapies
Gregory Knoll, MD
The Ottawa Hospital
Ottawa, ON, Canada
- 11:30 am – 12:00 pm Outcomes in HIV-positive Kidney Transplant Patients Compared to HCV-infected
or HIV/HCV co-infected Recipients
Deidre Sawinski, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA
- 12:00 pm – 12:30 pm Transfusion- Transmitted Viral Infections: Emerging Data in Transplant Recipients
Camille Kotton, MD

Massachusetts General Hospital
Boston, MA, USA

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

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

- 11:00 am – 11:30 am Long-term Results of Renal Allograft Tolerance in HLA Identical Kidney Transplantation
John Scandling, MD
Stanford University Medical Center
Palo Alto, CA, USA
- 11:30 am – 12:00 pm Long-term Results of Allograft Tolerance with Stable Full Donor Chimerism in HLA Mismatched Kidney Transplantation
Joseph Leventhal, MD, PhD
Northwestern University Medical School
Chicago, IL, USA
- 12:00 pm – 12:30 pm Long-term Results of Renal Allograft Tolerance after Induction of Transient Chimerism
Tatsuo Kawai, MD, PhD
Massachusetts General Hospital
Boston, MA, USA

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

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

- 11:00 am – 11:20 am A Heinous Happening at Hopkins
Robert Montgomery, MD, D.Phil.
Johns Hopkins University School of Medicine
Baltimore, MD, USA
- 11:20 am – 11:40 am THE Disaster at THE Ohio State University
Mitchell Henry, MD
Ohio State University
Columbus, OH, USA
- 11:40 am – 12:00 pm Michigan Maelstrom
John Magee, MD
University of Michigan Health System
Ann Arbor, MI, USA
- 12:00 pm – 12:20 pm Calamity in the Carolinas
Kenneth Chavin, MD, PhD
Medical University of South Carolina
Charleston, SC, USA

Break

12:30 pm – 1:00 pm

Luncheon Workshops*

1:00 pm – 2:00 pm

ADVANCING PHARMACIST/PHYSICIAN COLLABORATIVE PRACTICE AGREEMENTS IN TRANSPLANTATION

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

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

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

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

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

TOTAL PANCREATECTOMY AND ISLET AUTOTRANSPLANTATION

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

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

Gina Dunn-Smith, International Institute for Advancement of Medicine, Edison, NJ, USA and Bethany Conkel, Purposeful Gift, Dayton, OH, USA

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

Transplantation in Depth

1:00 pm – 4:00 pm

THE IMPACT OF INFECTION AND TRAUMA ON THE IMMUNE SYSTEM

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

1:00 pm – 1:30 pm Impact of Trauma and Infection on Adaptive Immune Response: Possible Consequences for Transplantation

Hans-Dieter Volk, MD, PhD
Berlin Brandenburger Centrum for Regenerative Therapien
Berlin, Germany

1:30 pm – 2:00 pm Epithelial Cytokines and Danger Signals Shape Outcomes after Trauma

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

- 2:00 pm – 2:30 pm Inflammatory Triggers of Lung Graft Rejection
Daniel Kreisel, MD
Washington University St. Louis
St. Louis, MO, USA
- 2:30 pm – 3:00 pm Molecular regulation of T helper cell differentiation
Thomas Aune, PhD
Vanderbilt University School of Medicine
Nashville, TN, USA
- 3:00 pm – 3:30 pm Viral Induced Heterologous Alloimmunity
Mandy Ford, PhD
Emory University
Atlanta, GA, USA
- 3:30 pm- 4:00 pm The Impact of Necroptosis in Tissue Inflammation
Anthony Jevnikar, MD
London Health Sciences Center
London, ON, Canada

Break

2:00 pm – 2:15 pm

Concurrent Oral Abstract Sessions

2:15 pm – 3:45 pm

2:15 pm – 5:30 pm

Student Program

THE SCIENCE, THE ART, THE ALLURE OF TRANSPLANTATION

PART 1: FUNDAMENTAL CONCEPTS OF TRANSPLANTATION

Moderators: Dorry Segev, MD, PhD, Associate Professor of Surgery, Epidemiology, and Biostatistics, Johns Hopkins University, Baltimore, MD, USA and Michael Englesbe, MD, Associate Professor of Surgery, University of Michigan, Ann Arbor, MI, USA

- 2:15 pm – 2:30 pm The Big Picture: Thoughts from the Editor of the American Journal of Transplantation
Allan Kirk, MD, PhD
Duke University Medical Center
Durham, NC, USA
- 2:30 pm – 2:45 pm The Drug Dealers: Messing with the Immune System
Lisa Potter, PharmD, FCCP, BCPS
University of Chicago Medical Center
Chicago, IL, USA
- 2:45 pm – 3:00 pm The Booze Crews: Liver Transplantation
Sandy Feng, MD, PhD
University of California San Francisco
San Francisco, CA, USA

- 3:00 pm – 3:15 pm The Stream Team: Kidney Transplantation
Jayme Locke, MD
University of Alabama at Birmingham
Birmingham, AL, USA
- 3:15 pm – 3:30 pm The Broken Hearts: Thoracic Transplantation
Robert Higgins, MD
The Ohio State University Medical Center
Columbus, OH, USA
- 3:30 pm – 3:45 pm The Bizarre Bugs: Infections and Transplantation
Camille Kotton, MD
Massachusetts General Hospital
Boston, MA, USA
- 3:45 pm – 4:00 pm The Real Heroes: Live Kidney Donors
Andrew Levey
Tufts Medical Center
Boston, MA, USA
- 4:00 pm – 4:15 pm The Mighty Mice: Basic Science and Translational Research
Robert Fairchild, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA
- 4:15 pm – 4:30 pm The Big Data: Clinical and Outcomes Research
Dorry Segev, MD, PhD
Johns Hopkins University
Department of Surgery
Baltimore, MD, USA

PART 2: WHY I LOVE IT BREAKOUTS

- 4:30 pm – 5:30 pm Basic Science
- 4:30 pm – 5:30 pm Medicine
- 4:30 pm – 5:30 pm Surgery
- 4:30 pm – 5:30 pm Pharmacy

2:15 – 5:00 pm

Allied Health Symposium

SHARPENING YOUR SKILLS: PRACTICE UPDATES FOR THE ALLIED HEALTH PROVIDER

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

- 2:15 pm – 2:45 pm Managing Immunosuppression to Minimize Risk
Eric Tichy, PharmD, BCPS, FCCP
Yale New Haven Hospital

New Haven, CT, USA

- 2:45 pm – 3:15 pm Clinical Strategies to Prevent New Onset Diabetes after Transplant (NODAT)
Kevin Carney, MSN, CRNP
University of Pennsylvania
Philadelphia, PA, USA
- 3:15 pm – 3:45 pm Management Strategies for Chronic Infections: Norovirus, Rotavirus and
Clostridium Difficile
Daryle Blackstock, PA-C, MPH, CCTC
New York Presbyterian Hospital
Columbia University
New York, NY, USA
- 3:45 pm – 4:00 pm Break
- 4:00 pm – 4:30 pm Dermatology for the Transplant Recipient: Risks, Monitoring and
Treatment Strategies
June Robinson, MD
Northwestern University
Chicago, IL, USA
- 4:30 pm -5:00 pm Obesity and Transplant
Mary Ellen Olbrisch, PhD
Virginia Commonwealth University
Richmond, VA, USA
- 5:00 pm – 5:30 pm The Challenges of Retransplantation in the Sensitized Patient: How to Best Prepare
Heidi Schaefer, MD
Vanderbilt University
Nashville, TN, USA

Pediatric Symposium

UPDATE ON MANAGEMENT OF RARE DISEASES

CYSTINOSIS AND OXALOSIS!!! WHAT IS NEW AND NOVEL IN THERAPY?

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

- 2:15 pm – 2:45 pm New Therapies on the Horizon: Gene Modified Auto Stem Cell Transplantation
Stephanie Cherqui, PhD
University of California San Diego
La Jolla, CA, USA
- 2:45 pm – 3:15 pm Can Transplantation be avoided? Update on Therapy for Cystinosis
William Gahl, MD, PhD
National Institutes of Health
Bethesda, MD, USA
- 3:15 pm – 3:45 pm Genetics and Medical Management of Primary Hyperoxaluria
Dawn Milliner, MD
Mayo Clinic
Rochester, MN, USA

3:45 pm – 4:00 pm Coffee Break

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

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

4:00 pm – 4:30 pm Primary Hyperoxaluria
George Mazariegos, MD
Children's Hospital of Pittsburgh
Pittsburgh, PA, USA

4:30 pm – 5:00 pm Propionic and Methylmalonic Acidemia
Charles Venditti, MD, PhD
National Institutes of Health
Bethesda, MD, USA

5:00 pm- 5:30 pm MSUD and Urea Cycle Disorders
Kevin Strauss, MD
Clinic for Special Children
Strasburg, PA, USA

Coffee Break
3:45 pm – 4:00 pm

Concurrent Oral Abstract Sessions
4:00 pm – 5:30 pm

Poster Session B
5:30 pm – 6:30 pm

Monday, May 4, 2015

Sunrise Symposia
7:00 am – 8:15 am

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

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

7:00 am – 7:25 am Assessment and Treatment of Alcoholism in Liver Transplant Candidates
Andrea DiMartini, MD
University of Pittsburgh Medical Center
Pittsburgh, PA, USA

7:25 am – 7:50 am Clinical Outcomes of Liver Transplantation for Alcoholic Liver Disease
Robert Brown, MD, MPH
Columbia University/New York Presbyterian
New York, NY, USA

7:50 am – 8:15 am Ethical Considerations Related to Liver Transplantation for Alcoholics
Elisa Gordon, PhD, MPH
Northwestern University Feinberg School of Medicine
Chicago, IL, USA

ANTIBODIES IN THORACIC TRANSPLANTATION – SHEDDING NEW LIGHT ON THE SUBJECT

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

7:00 am – 7:25 am Why Do Antibodies Occur?
Anat Tambur, DMB, PhD
Northwestern University
Chicago, IL, USA

7:25 am – 7:50 am How Are Antibodies Measured, Quantified and Defined to be Clinically Relevant (or not)?
Kathryn Tinckam, MD
University Health Network
Toronto, ON, Canada

7:50 am – 8:15 am Current and Developing Treatment Approaches to AMRS in Thoracic Transplantation
Christopher Ensor, PharmD
University of Pittsburgh
Pittsburgh, PA, USA

MANAGING THE KIDNEY WAITLIST

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

7:00 am – 7:25 am New Kidney Allocation System: How will it Affect Current Waitlist Management?
John Friedewald, MD
Northwestern University
Chicago, IL, USA

7:25 am – 7:50 am Kidney Waitlist: Should we be Routinely Re-Assessing Transplant Candidates?
Peter Reese, MD
University of Pennsylvania
Philadelphia, PA, USA

7:50 am – 8:15 am Death on the Waitlist: Can We Improve Survival While Patients Wait for Transplant?
Panduranga Rao, MD
University of Michigan Health System
Ann Arbor, MI, USA

STEM CELL MODIFICATION AND CELLULAR REPROGRAMMING STRATEGIES

Moderators: Jason Wertheim, MD, PhD, Northwestern University, Chicago, IL, USA and Anita Chong, PhD, University of Chicago, Chicago, IL, USA

- 7:00 am – 7:25 am In Vivo Development of Induced Pluripotent Stem Cells to Create Chimeric Liver Tissue
Holger Willenbring, MD
University of California San Francisco
San Francisco, CA, USA
- 7:25 am – 7:50 am Blastocyst Complementation to Develop Chimeric Abdominal Organs
Juan Carlos Izpisua Belmonte, PhD
The Salk Institute for Biological Studies
La Jolla, CA, USA
- 7:50 am – 8:15 am Reprogramming the Immune System Using CAR T Cells to Treat Leukemia
Stan Riddell, MD
Fred Hutchinson Cancer Research Center
Seattle, WA, USA

TRANSPLANTATION OF ORGANS FROM HIVINFECTED DONORS – HOPE PUT INTO PRACTICE

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

- 7:00 am – 7:25 am HOPE: The Viral Frontier
Christine Durand, MD
Johns Hopkins University School of Medicine
Baltimore, MD, USA
- 7:25 am – 7:50 am Seven Years of Experience with HIV+ to HIV+ Organ Transplantation
Elmi Muller, MD
Groote Schur Hospital
Cape Town, South Africa
- 7:50 am – 8:15 am Research Criteria and Implementation of the HOPE Act: Progress to Date
Jonah Odum, MD, PhD
National Institute of Allergy and Infectious Disease (NIAID)
National Institutes of Health (NIH)
Rockville, MD, USA

STATE-OF-THE-ART ISSUES IN INTESTINAL FAILURE

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

- 7:00 am – 7:25 am Donor Specific Antibodies in Intestinal Transplantation – What Do They Really Mean and What to Do About Them?
Cal Matsumoto, MD
Georgetown University Hospital
Washington, DC, USA
- 7:25 am – 7:50 am Enteroplasties in Short Bowel Syndrome – Beneficial or Folly?
David Mercer, MD, PhD
University of Nebraska Medical Center
Omaha, NE, USA

7:50 am – 8:15 am Are Indications for Intestine Transplant in Adults Changing and Should They?
Thiago Beduschi, MD
University of Miami
Miami, FL, USA

TRANSPLANTATION IN THE ERA OF VALUE-BASED CARE

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

7:00 am – 7:25 am Describing Value in Transplant Care
George Mazariegos, MD
Children’s Hospital of Pittsburgh
Pittsburgh, PA, USA

7:25 am – 7:50 am Strategizing for Value in Transplant Care
Jon Friedman, MD
Optum
Cypress, CA, USA

7:50 am – 8:15 am Delivering Value in Transplant Care
Michael Englesbe, MD
University of Michigan
Ann Arbor, MI, USA

Break

8:15 am – 8:30 am

Joint Plenary

8:30 am – 9:30 am

ASTS Awards

9:30 am – 9:45 am

ASTS Presidential Address

9:45 am – 10:15 am

State-of-the-Art Presentation

10:15 am – 10:45 am Transforming Trillions of Points of Data from Studies and Trials into New Drugs
and Diagnostics
Atul Butte, MD, PhD
Stanford University
Stanford, CA, USA

Coffee Break

10:45 am – 11:00 am

Midday Symposia

11:00 am – 12:30 pm

ACHIEVING HCV ERADICATION IN ALL TRANSPLANT RECIPIENTS

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

- 11:00 am – 11:30 am Pre-and Peri-Transplant HCV Therapy: How to Safely Navigate HCV Eradication in Decompensated Cirrhosis
Norah Terrault, MD, MPH
University of California San Francisco
San Francisco, CA, USA
- 11:30 am – 12:00 pm Post-Transplant HCV Therapy: Optimal Timing, Duration and Agents
Marina Berenguer, MD
La Fe Hospital
Valencia, Spain
- 12:00 pm – 12:30 pm HCV Therapy in Waitlisted and Transplanted Non-Liver Recipients
Kimberly Brown, MD
Henry Ford Hospital
Detroit, MI, USA

KIDNEY ANTIBODY-MEDIATED REJECTION

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

- 11:00 am – 11:30 am AMR: Update on Diagnostic Criteria
Lorraine Racusen, MD, FASN
Johns Hopkins University School of Medicine
Baltimore, MD, USA
- 11:30 am – 12:00 pm The High-Risk Patient: Does Monitoring AMR Improve Outcomes?
Peter Nickerson, MD
University of Manitoba
Winnipeg, MB, Canada
- 12:00 pm – 12:30 pm AMR: Update on Treatment Strategies
Steven Chadban, MD
Royal Prince Alfred Hospital/University of Sydney
Clontarf, Australia

AUTOIMMUNITY DURING ALLOGRAFT REJECTION

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

- 11:00 am – 11:30 am Cell Death Dysregulation: A Central Trigger of Autoimmunity in Transplantation
Marie Josee Hebert, MD
CHUM Hospital Notre Dame
Montreal, QC, Canada
- 11:30 am – 12:00 pm Autoimmune-Mediated Injury in Lung Transplantation
David Wilkes, MD
Indiana University School of Medicine
Indianapolis, IN, USA
- 12:00 pm – 12:30 pm Anti-Endothelial Antibodies
Elaine Reed, PhD

University of California Los Angeles
Los Angeles, CA, USA

OPTIMIZING DONOR HEART AVAILABILITY FOR TRANSPLANTATION

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

- 11:00 am – 11:30 am Donor Management and The Use of Hypothermia in Organ Procurement
Darren Malinoski, MD
Portland VA Medical Center
Portland, OR, USA
- 11:30 am – 12:00 pm The Heart in the Box
Fardad Esmailian, MD
Cedars Sinai Medical Institute
Los Angeles, CA, USA
- 12:00 pm – 12:30 pm The Use of Extended Criteria Donor Hearts for Transplantation
Abbas Ardehali, MD
University of California Medical Center
Los Angeles, CA, USA

NEW INSIGHTS INTO MEMORY T CELL BIOLOGY

Moderators: Agnes Azimzadeh, PhD, University of Maryland School of Medicine, Baltimore, MD, USA and David Briscoe, MD, MB, Children's Hospital of Boston, Boston, MA, USA

- 11:00 am – 11:30 am Regulation of Memory CD8 T Cell Development
John Wherry, PhD
University of Pennsylvania
Philadelphia, PA, USA
- 11:30 am – 12:00 pm Tissue-Resident Memory T Cells
Steve Jameson, PhD
University of Minnesota
Minneapolis, MN, USA
- 12:00 pm – 12:30 pm Human Memory T Cell Populations
Donna Farber, PhD
Columbia University Medical Center
Columbia Center for Translational Immunology
New York, NY, USA

CHALLENGES IN IMPLEMENTING KIDNEY PAIRED DONATION

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

- 11:00 am – 11:15 am UNOS
Richard Formica, MD
Yale University School of Medicine
New Haven, CT, USA
- 11:15 am – 11:30 am National Kidney Registry

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

11:30 am – 11:45 am Alliance for Paired Donation
Michael Rees, MD, MPH
University of Toledo Medical Center
Toledo, OH, USA

11:45 am -12:00 pm Johns Hopkins
Janet Hiller, RN, MSN
Johns Hopkins Hospital
Baltimore, MD, USA

12:00 pm – 12:15 pm San Antonio
Adam Bingaman, MD
Methodist Specialty and Transplant Institute
San Antonio, TX, USA

12:15 pm – 12:30 pm Netherlands
Marry De Klerk
Erasmus Medical Center
Rotterdam, The Netherlands

**VASCULARIZED COMPOSITE ALLOTRANSPLANTATION UPDATE:
IMMUNOSUPPRESSION, IMMUNE MONITORING AND IMPLEMENTATION**

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

11:00 am – 11:30 am Biomarkers and Immune Monitoring in VCA
Rolf Barth, MD
University of Maryland School of Medicine
Baltimore, MD, USA

11:30 am – 12:00 pm Implementation of the VCA Final Rule
Marlon Levy, MD, FACS
Baylor All Saints Medical Center
Fort Worth, TX, USA

12:00 pm -12:30 pm Immunomodulation in VCA
Linda Cendales, MD
Duke University Medical Center
Durham, NC, USA

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

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

11:00 am – 11:30 am Renal Progenitor Cells for Renal Regeneration
Benjamin Dekel, MD, PhD
Sheba Medical Center/Tel Aviv University
Tel Hasomer, Israel

11:30 am – 12:00 pm Discarded Kidneys as Platform for Kidney Bioengineering and Regeneration
Giuseppe Orlando, MD, PhD
Wake Forest University Baptist Medical Center
Winston Salem, NC, USA

12:00 pm – 12:30 pm Kidney Reprogramming
Laura Perin
Children's Hospital of Los Angeles
University of Southern California
Los Angeles, CA, USA

STATE-OF-THE-ART CMV PREVENTION AND THERAPY

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

11:00 am – 11:30 am Thresholds for Therapy – Viral Load
Raymund Razonable, MD
Mayo Clinic College of Medicine
Rochester, MN, USA

11:30 am – 12:00 pm Beyond Status Quo: Novel Therapies for CMV
Atul Humar, MD, MSC
Toronto General Hospital
Toronto, ON, Canada

12:00 pm – 12:30 pm Novel Immune Diagnostics: Are We There Yet?
Deepali Kumar, MD
University Health Network
Toronto, ON, Canada

LIVER TRANSPLANTATION PLUMBING: CLOGS, CLOTS AND LEAKS

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

11:00 am – 11:30 am Managing Diffuse Portomesenteric Thrombosis – Liver Transplant Techniques versus Multivisceral Transplant
Wendy Grant, MD
University of Nebraska Medical Center
Omaha, NE, USA

11:30 am – 12:00 pm Management of Hepatic Artery Thrombosis: Timing is of the Essence
Joseph Tector, MD, PhD
Indiana University School of Medicine
Indianapolis, IN, USA

12:00 pm – 12:30 pm Management of Difficult Biliary Complications both Early and Late after Liver Transplantation
Greg McKenna, MD, FACS
Baylor Simmons Transplant Institute
Dallas, TX, USA

Break

12:30 pm – 2:15 pm

Concurrent Oral Abstract Sessions

2:15 pm – 3:45 pm

Coffee Break

3:45 pm – 4:00 pm

Allied Health/Pediatric Symposium

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

IT'S NOT MY FAULT! UNDERSTANDING BARRIERS TO ADHERENCE AND SELF-CARE IN PEDIATRIC TRANSPLANT RECIPIENTS

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

2:15 pm – 2:45 pm The Developing Mind: Neurocognitive Barriers to Adherence/Self-care in Pediatric Patients
Eyal Shemesh, MD
Ichan School of Medicine at Mount Sinai
New York, NY, USA

2:45 pm – 3:15 pm Moving Target: Psychosocial Influences on Adherence and Self-care in Pediatric Transplantation
Debra Lefkowitz, PsyD
Children's Hospital of Pennsylvania
Philadelphia, PA, USA

3:15 pm – 3:45 pm Did They Hear What I Said? Organizational Health Literacy and Selfcare
Kerri Cavanaugh, MD
Vanderbilt University School of Medicine
Nashville, TN, USA

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

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

4:00 pm – 4:30 pm Are They Ready? Tools to Measure Selfmanagement/Transition Preparedness
Maria Ferris, MD, MPH, PhD
University of North Carolina
Medicine and Pediatrics
Chapel Hill, NC, USA

4:30 pm – 5:00 pm Peer Pressure: Using Peer Mentors to Optimize Adherence and Self-care in Adolescent Transplantation
Rachel Annunziato, PhD
Fordham University
Bronx, NY, USA

5:00 pm – 5:30 pm Straight Talk: Health-literacy Sensitive Communication Tools for Pediatric Patients and their Careproviders

Marilyn Schapira, MD
University of Pennsylvania
Philadelphia, PA, USA

Concurrent Oral Abstract Sessions
4:00 pm – 5:30 pm

Poster Session C
5:30 pm – 6:30 pm

AST Town Hall and Reception
5:45 PM – 7:00 PM

Tuesday, May 5, 2015

Sunrise Symposia
7:00 am – 8:15 am

RISKY BUSINESS? ACCEPTING ORGANS FROM DONORS WITH HIGH RISK BEHAVIOR

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

- 7:00 am – 7:25 am Is All High Risk Behavior High Risk?
Michael Ison, MD, MS
Northwestern University
Chicago, IL, USA
- 7:25 am – 7:50 am High Risk Donors: Choosing the Right Recipient
Jayme Locke, MD
University of Alabama at Birmingham
Birmingham, AL, USA
- 7:50 am – 8:15 am Consenting Recipients of High Risk Donors and Post Operative Monitoring
Emily Blumberg, MD
Hospital of the University of Pennsylvania
Philadelphia, PA, USA

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

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

- 7:00 am – 7:25 am Getting Ready: The Use of Transition Tools to Start Your Program
Stacey Lerrett, PhD, CPNP
Children's Hospital of Wisconsin/University of Wisconsin
Milwaukee, WI, USA
- 7:25 am – 7:50 am Crossing the Abyss: Strategies to Improve Collaboration Between Pediatric and Adult Providers to Optimize Care and Outcomes During Transfer
Sandra Amaral, MD, MHS
The Children's Hospital of Philadelphia
Division of Nephrology
Philadelphia, PA, USA

7:50 am – 8:15 am Sustaining Care: The Commitment of Infra-Structure to Support Transition
Paul Volek, MPH
University of Cincinnati Medical Center
Cincinnati, OH, USA

MICROBIOTA (COLON) A NEW BUG IN TRANSPLANTATION

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

7:00 am – 7:25 am The Microbiota and Autoimmunity
Jorge Henao-Mejia, MD, PhD
University of Pennsylvania, Children's Hospital of Philadelphia
Philadelphia, PA, USA

7:25 am – 7:50 am The Microbiome Influence in Graft Rejection
Marisa Alegre, MD, PhD
University of Chicago
G. Knapp Center for Lupus & Immun. Research
Chicago, IL, USA

7:50 am – 8:15 am The Microbiome Following Clinical Renal Transplantation
Jonathan Bromberg, MD
University of Maryland School of Medicine
Baltimore, MD, USA

BEST PRACTICES IN LIVE KIDNEY DONATION

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

7:00 am – 7:25 am Improving Education for Transplant Candidates about Living Donation
Amy Waterman, PhD
University of California Los Angeles
Los Angeles, CA, USA

7:25 am – 7:50 am Improving Live Donor Education and Efficiencies of Evaluation
Matthew Cooper, MD
Medstar Georgetown Transplant Institute
Washington, DC, USA

7:50 am – 8:15 am Overcoming Disparities and Reducing Economic Barriers to Live Kidney Donation
Jim Rodrigue, PhD
Beth Israel Deaconess Medical Center
Boston, MA, USA

TECHNICAL PERSPECTIVES IN DCD LIVER TRANSPLANTATION

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

7:00 am – 7:25 am Do DCD Liver Transplant in the United States Cause Distributive Good or Harm?
Anton Skaro, MD, PhD

Northwestern Memorial Hospital
Chicago, IL, USA

- 7:25 am – 7:50 am Managing Bile Ducts in DCD Livers – Is There a Strategy to Maximize Success?
Charles Rosen, MD
Mayo Clinic
Rochester, MN, USA
- 7:50 am – 8:15 am Is There Hope for the Future Using DCD Livers in the US? Research Priorities
Peter Abt, MD
University of the Hospital of Pennsylvania
Philadelphia, PA, USA

HLA EPITOPE MATCHING: IS IT READY FOR PRIME TIME?

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

- 7:00 am – 7:25 am Understanding Permissible Mismatches
Frans Claas, PhD
Leiden University Medical Center
Leiden, The Netherlands
- 7:25 am – 7:50 am Assessing Immunological Risk Post Transplantation by Quantifying Epitope Mismatches
Peter Nickerson, MD
University of Manitoba
Winnipeg, MB, Canada
- 7:50 am – 8:15 am Epitope Matching/Mismatching and Alloreactivity: Pros and Cons of this Approach
Anat Tambur, DMB, PhD
Northwestern University
Chicago, IL, USA

PROGRESS IN ISLET TRANSPLANTATION

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

- 7:00 am – 7:25 am Current Islet Transplant Outcomes and Status of Clinical Trials
Thierry Berney, MD
Geneva University Hospital
Geneva, Switzerland
- 7:25 am – 7:50 am Strategies to Improve Islet Yield
Luis Fernandez, MD
University of Wisconsin
Madison, WI, USA
- 7:50 am – 8:15 am Show Me the Money – Challenges for Funding Islet Transplantation
Bernhard Hering, MD
University of Minnesota
Minneapolis, MN, USA

Joint Plenary
8:30 am – 9:15 am

AST Awards
9:15 am – 9:30 am

AST Presidential Address
9:30 am – 10:00 am

Coffee Break
10:00 am – 10:15 am

Controversies in Transplantation
10:15 am – 11:00 am

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

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

10:15 am – 10:25 am We Have the Toolbox We Need
Philip Halloran, MD, PhD
University of Alberta
Division of Nephrology/Immunology
Edmonton, AB, Canada

10:25 am – 10:35 am Tolerance Should Be the Goal
Allan Kirk, MD, PhD
Duke University Medical Center
Durham, NC, USA

10:35 am – 10:40 am Rebuttal
Philip Halloran, MD, PhD
University of Alberta
Division of Nephrology/Immunology
Edmonton, AB, Canada

10:40 am – 10:45 am Rebuttal
Allan Kirk, MD, PhD
Duke University Medical Center
Durham, NC, USA

10:45 am – 11:00 am Discussion

MOST EFFECTIVE STRATEGIES TO INCREASE THE LIVER DONOR POOL

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

10:15 am – 10:20 am Machine Preservation of Extended Criteria Donors
Peter Friend, MA, MB
University of Oxford
Oxford, United Kingdom

- 10:20 am – 10:25 am Opt Out Strategy: You Will Be a Deceased Donor Until Proven Otherwise
Marina Berenguer, MD
La Fe Hospital
Valencia, Spain
- 10:25 am – 10:30 am Living Donation is the First Option
Gary Levy, MD
Toronto General Hospital
Toronto, ON, Canada
- 10:30 am – 10:35 am Social Media: Get the Word Out There!
Andrew Cameron, MD, PhD
Johns Hopkins Hospital
Baltimore, MD, USA
- 10:35 am – 10:40 am Regulated Financial Incentives: What Works for Kidney Should Work for Liver
Arthur Matas, MD
University of Minnesota
Minneapolis, MN, USA

Coffee Break

11:00 am – 11:15 am

Midday Symposia

11:15 am – 12:45 pm

B CELL DEVELOPMENT

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

- 11:15 am – 11:45 am Human B Cell Populations
Eric Meffre, PhD
Yale University
New Haven, CT, USA
- 11:45 am – 12:15 pm Regulation of AID in Antibody Diversity
Roberta Pelanda, PhD
University of Colorado
Aurora, CO, USA
- 12:15 pm – 12:45 pm Regulation of Memory B Cells by Autophagy
Jin Wang, PhD
Baylor College of Medicine
Houston, TX, USA

CARDIOVASCULAR DISEASE IN KIDNEY TRANSPLANTATION

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

- 11:15 am – 11:45 am Pre-op Cardiovascular Assessment: Are All These Screening Tests Necessary?
Jeffrey Brinker, MD
Johns Hopkins University Hospital

Baltimore, MD, USA

11:45 am – 12:15 pm Diastolic Dysfunction: Is This a Concern in Kidney Transplantation?
Howard Eisen, MD
Drexel University College of Medicine
Philadelphia, PA, USA

12:15 pm – 12:45 pm Pre-op Cardiac Assessment: Do Biomarkers Improve Risk Stratification?
Alan Jardine, BSc, MB, ChB, MD, FRCP
University of Glasgow
BHF Cardiovascular Research Centre
Glasgow, United Kingdom

THE MEDIA AND TRANSPLANTATION

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

11:15am – 11:55 am When the Media Influences Change in Policy
Kenneth Andreoni, MD
University of Florida
Gainesville, FL, USA

11:55 am – 12:35 pm Investigative Reporting in Transplantation
Kevin Sack
New York Times
Atlanta, GA, USA

12:35 pm – 12:45 pm Q&A

IMMUNE METABOLOMICS

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

11:15 am – 11:45 am Metabolic Control of Dendritic Cell Function
Ed Pearce, PhD
Washington University in St. Louis
St. Louis, MO, USA

11:45 am – 12:15 pm Glut1 in CD4 T Cell Activation
Jeffrey Rathmell, PhD
Duke University
Durham, NC, USA

12:15 pm – 12:45 pm Use of Urinary Metabolomics to Detect Kidney Graft Injury
Hongbo Chi, PhD
St. Jude's Children's Research Hospital
Memphis, TN, USA

THE FUTURE OF PANCREAS TRANSPLANTATION

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

- 11:15 am – 11:45 am Where Have All the Pancreas Transplants Gone?
Jonathan Fridell MD
Indiana University School of Medicine
University Hospital
Indianapolis, IN, USA
- 11:45 am – 12:15 pm Emerging Alternatives to Pancreas Transplantation
Jon Odorico, MD
University of Wisconsin Hospital & Clinic
Madison, WI, USA
- 12:15 pm – 12:45 pm Debate: Are There Too Many Pancreas Transplant Centers?
Pro
Raja Kandaswamy, MBBS
University of Minnesota
Minneapolis, MN, USA
- Con**
Robert Stratta, MD
Wake Forest School of Medicine
Winston-Salem, NC, USA

DONOR-DERIVED INFECTIONS: THE DEVIL INSIDE

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

- 11:15 am – 11:45 am Transplant Surprises: Resistant Bacteria from Donors
Costi Sifri, MD
University of Virginia Health System
Charlottesville, VA, USA
- 11:45 am – 12:15 pm Unexpected Travelers: Endemic Infections from Donors
Daniel Kaul, MD
University of Michigan
Ann Arbor, MI, USA
- 12:15 pm – 12:45 pm CDC Investigations of Transmission of Rare Pathogens: Microsporidia, LCMV, Balamuthia and Rabies: Where Do We Go From Here?
Sridhar Basavaraju, MD, FACEP
Centers for Disease Control and Prevention
Atlanta, GA, USA

LIVER-KIDNEY TRANSPLANTATION: A CIVIL CAGE MATCH

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

- 11:15 am – 11:45 am Selecting Candidates for Combined Liver-Kidney Transplantation
Pratima Sharma, MBBS
University of Michigan Health System
Ann Arbor, MI, USA
- 11:45 am – 12:15 pm The Evolution of One Program's Approach to Combined Liver-Kidney

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

12:15 pm – 12:45 pm Debate
Give Us All Your Kidneys – Pro
Sandy Feng, MD, PhD
University of California, San Francisco
San Francisco, CA, USA

Get Your Own Kidneys – Con
Gabriel Danovitch, MD
David Geffen School of Medicine at UCLA
Los Angeles, CA, USA

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

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

11:15 am – 11:45 am Making a Left Turn for Donor Safety
John Roberts, MD
University of California, San Francisco
San Francisco, CA, USA

11:45 am – 12:15 pm Small for Size Syndrome (SFSS): Too Much of a Good Thing, the Case for Portal Inflow Modulation
Jean Botha, MD
Wits Donald Gordon Medical Center
Parktown, South Africa

12:15 pm – 12:45 pm Segmental Hepatic Veins: To Reconstruct or Not to Reconstruct?
Kyung-Suk Suh
Seoul National University College of Medicine
Seoul, Korea

NEW DEVELOPMENTS IN SOLID ORGAN TRANSPLANT BIOMARKERS

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

11:15 am – 11:45 am Molecular Markers of Acute and Chronic Kidney Transplant Injury
Barbara Murphy, MD
Mt. Sinai School of Medicine
New York, NY, USA

11:45 am – 12:15 pm Cell Free DNA as a Diagnostic Marker for Transplant Rejection
Kiran Khush, MD, MAS
Stanford University
Stanford, CA, USA

12:15 pm – 12:45 pm Biomarkers in Liver Transplantation

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

EXPANDING LIVE DONOR KIDNEY

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

11:15 am – 11:45 am Electronic Living Donor Questionnaires
Deonna Moore, ACNP
Vanderbilt University Medical Center
Nashville, TN, USA

11:45 am – 12:15 pm Best Use of Non-Directed Donors
Jeffrey Veale, MD
University of California Los Angeles
Los Angeles, CA, USA

12:15 pm – 12:45 pm Live Donor Champions
Jacqueline M. Garonzik-Wang, MD
Washington University St. Louis
St. Louis, MO, USA

Break
12:45 pm – 1:00 pm

Luncheon Workshops* **1:00 pm – 2:00 pm**

ARE ANIMAL MODELS IN TRANSPLANTATION USEFUL OR CLINICALLY IRRELEVANT?

Daniel Kreisel, MD, Washington University in St. Louis, St. Louis, MO, USA and Mark Stegall, MD, Mayo Clinic, Rochester, MN, USA

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

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

UTERUS TRANSPLANTS

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

MINORITIES AND TRANSPLANTATION: REDUCING DISPARITIES IN DONATION AND ACCESS

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

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

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

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

Break

2:00 pm- 2:15 pm

Concurrent Oral Abstract Sessions

2:15 pm – 3:45 pm

Pediatric Symposium

In collaboration with the International Pediatric Transplant Association (IPTA)

CARDIOVASCULAR DISEASE AND OBESITY IN PEDIATRIC TRANSPLANTATION CARDIOVASCULAR DISEASE AFTER PEDIATRIC TRANSPLANTATION

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

- | | |
|-------------------|--|
| 2:15 pm – 2:45 pm | The Prevalence and Impact of Cardiovascular Disease in Pediatric Transplantation
Guido Filler, MD, PhD
University of Western Ontario
London, ON, Canada |
| 2:45 pm – 3:15 pm | Hypertension after Pediatric Transplantation: Diagnosis and Management
Tammy McLoughlin Brady, MD, PhD
Johns Hopkins University Hospital
Baltimore, MD, USA |
| 3:15 pm – 3:45 pm | Coronary Artery Calcification in Children after Transplantation
Mark Mitsnefes, MD
Cincinnati Children's Hospital
Cincinnati, OH, USA |
| 3:45 pm – 4:00 pm | Coffee Break |

OBESITY IN PEDIATRIC TRANSPLANTATION

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

- | | |
|-------------------|--|
| 4:00 pm- 4:30 pm | Impact of the Donor Body Mass Index on the Survival of Pediatric Transplant Recipients
Philip Rosenthal, MD
University of California San Francisco
San Francisco, CA, USA |
| 4:30 pm – 5:00 pm | The Impact of Body Mass Index at Time of Transplant on Outcomes in Transplanted Children
Christian Benden, MD
University Hospital Zurich
Zurich, Switzerland |

5:00 pm- 5:30 pm Development of Obesity and Metabolic Syndrome Following Transplantation:
Etiology and Impact
Udo Vester, MD
University of Duisburg-Essen
Essen, Germany

Concurrent Oral Abstract Sessions
4:00 pm – 5:30 pm

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

ASTS Business Meeting
5:45 pm – 7:00 pm

ATC Night Out featuring “ATC’s Got Talent”
7:30 pm – 11:00 pm
OFFSITE: Field House
1150 Filbert Street
Philadelphia, PA 19107
Separate ticketed event

Wednesday, May 6, 2015

Sunrise Symposia
7:00 am – 8:15 am

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

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

7:00 am – 7:25 am The Provider Perspective
Alden Doyle, MD
Drexel University College of Medicine
Philadelphia, PA, USA

7:25 am – 7:50 am The Institution Perspective
Lonnie Smith, PharmD
University of Utah Healthcare
Salt Lake City, UT, USA

7:50 am – 8:15 am The Patient Perspective
Lisa Potter, PharmD
University of Chicago Medical Center
Chicago, IL, USA

**TAILORING CURRENT IMMUNOSUPPRESSIVE THERAPY IN LIVER
TRANSPLANTATION: DISEASESPECIFIC REGIMENS**

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

- 7:00 am – 7:25 am Immunosuppression in the Context of HCV Infection in Liver Transplantation
Michael Charlton, MD
Intermountain Medical Center
Murray, UT, USA
- 7:25 am – 7:50 am Renal Sparing: Who, What, When?
John Fung, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA
- 7:50 am – 8:15 am New Approaches to Immunosuppression in the Setting of Malignancy and Viral Disease
Michael Curry, MD
Beth Israel Deaconess Medical Center
Boston, MA, USA

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

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

- 7:00 am – 7:20 am From Puberty to Menopause: Clinical Guidance for the Female Transplant Recipient
Aletha Akers, MD, MPH
The Children's Hospital of Philadelphia
Philadelphia, PA, USA
- 7:20 am – 7:40 am Update on Contraception Options for the Transplant Recipient
Colleen Krajewski, MD, MPH
University of Pittsburgh
Pittsburgh, PA, USA
- 7:40 am – 7:50 am A Tribute to Vincent Armenti
Lisa Coscia, RN, BSN, CCTC
National Transplantation Pregnancy Registry
Philadelphia, PA, USA
- 7:50 am – 8:10 am Managing Post-Transplant Complications During Pregnancy
Veronica Gomez-Lobo, MD
Washington Hospital Center/Georgetown University
Washington, DC, USA

ISCHEMIA-REPERFUSION INJURY AND INITIATION OF INNATE IMMUNITY IN TRANSPLANTATION

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

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

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

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

ROBOTIC ASSISTED KIDNEY TRANSPLANTATION

Moderators: Lloyd Ratner, MD, MPH, Columbia University, New York, NY, USA and Marc Melcher, MD, Stanford School of Medicine, Palo Alto, CA, USA

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

7:25 am – 7:50 am Robotic Kidney Transplantation: From India to Detroit
TBD

7:50 am – 8:15 am Robotic Pancreas Transplantation
Ugo Boggi, MD
University of Pisa
Pisa, Italy

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

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

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

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

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

PEDIATRIC TRANSPLANT SURGERY – A CASEBASE DISCUSSION OF TECHNICAL AND MANAGEMENT CHALLENGES

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

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

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

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

and

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

XENOTRANSPLANTATION: AN UPDATE

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

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

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

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

Break

8:15 am – 8:30 am

Joint Plenary

8:30 am – 10:00 am

Coffee Break

10:00 am – 10:15 am

Innovators in Transplantation

10:15 am – 11:30 am

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

10:15 am – 10:30 am Introduction

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

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

What's Hot, What's New

11:30 am – 12:30 pm

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

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

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