**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 Francsico

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 PTLD

Michael Green, MD, MPH

Children’s Hospital of Pittsburgh

Pittsburgh, PA, USA

2:40 pm – 3:00 pm Crossing the HOPE Frontier: HIV and Transplantation

Emily Blumberg, MD

Hospital of the University of Pennsylvania

Philadelphia, PA, USA

3:00 pm – 3:20 pm Less Famous Viruses: JC, Adenovirus, HHV6, Parvovirus

Raymund Razonable, MD

Mayo Clinic College of Medicine

Rochester, MN, USA

3:20 pm – 3:40 pm Coffee Break

***WHAT ENQUIRING MINDS WANT TO KNOW***

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

3:40 pm – 4:00 pm MDR Organisms, Antibiotic Stewardship and Infection Control

Lillian Abbo, MD

University of Miami Miller School of Medicine

Miami, FL, USA

4:00 pm – 4:20 pm Antifungal Prophylaxis in SOT

Barbara Alexander, MD, MHS

Duke University

Durham, NC, USA

4:20 pm – 4:40 pm Vaccination of the Adult Transplant Recipient

Deepali Kumar, MD, MSc

University Health Network

Toronto, ON, Canada

4:40 pm – 5:00 pm Transplant ID Diagnostic Pearls Every Clinician Should Know

Angela Caliendo, MD, PhD

Brown University

Providence, RI, USA

***ON YOUR TOES: RAPID FIRE CASES***

5:00 pm – 5:30 pm Rapid Fire Cases

Deepali Kumar, MD, MSc

University Health Network

Toronto, ON, Canada

Shirish Huprikar, MD

Icahn School of Medicine at Mt. Sinai

New York, NY, USA

Camille Kotton, MD

Massachusetts General Hospital

Infectious Diseases Division

Boston, MA, USA

**Immune Monitoring in Thoracic Organ Transplantation**

***METHODS AND MECHANISMS***

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

1:00 pm – 1:30 pm Mechanisms of Rejection in Solid Organ Transplantation

Stanley Jordan, MD

Cedars Sinai Medical Center

Los Angeles, CA, USA

1:30 pm – 2:00 pm Blood Biomarkers for the Detection of Rejection in Transplant Recipients

Bruce McManus, MD

St. Paul’s Hospital

Vancouver, BC, Canada

2:00 pm – 2:30 pm Cellular and Molecular Mechanisms of Tolerance

James Allan, MD

Massachusetts General Hospital

Marblehead, MA, USA

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 Bhorade, 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

Boyds, MD, USA

7:50 am – 8:15 am Simplifying Transplant REMS Programs: The Promise of Information Technology

Demetra Tsapepas, PharmD

New York Presbyterian Hospital/Columbia University

New York, NY, USA

**MECHANISMS OF IMMUNOREGULATION IN RESPONSE TO LIVER ALLOGRAFT**

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

7:00 am – 7:25 am Antigen-Presenting Cells in the Liver

Angus Thomson, PhD, DS

University of Pittsburgh School of Medicine

Pittsburgh, PA, USA

7:25 am – 7:50 am Immunoregulation by Liver Allografts

Timucin Taner, MD, PhD

Mayo Clinic

Rochester, MN, USA

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 Developmen

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 BIOARTIFICAL 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 Bioartifical 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 Ottowa Hospital

Ottowa, 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**

Cinthia 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

*R*obert 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 Blostocyst 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 Odim, 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 Reprogrammming

Laura Perin

Children’s Hospital of Los Angeles

University of Southerm California

Los Angeles, CA, USA

**STATE-OF-THE-ART CMV PREVENTION ANDTHERAPY**

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

Stacee 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 Microbiotome 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 Microbiotome 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 BOXWE 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: PHARMOCOLOGIC 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