Saturday, June 2, 2012

PRE-MEETING MORNING SYMPOSIA

Defining High Risk in Solid Organ Transplant: Preoperative and Postoperative Strategies

The ASTS designates this live activity for a maximum of 4.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Preoperative Evaluation and Risk Stratification
Moderators: Amanda Dean, MSN, RN, ACNP-BC, Transplant Surgery Nurse Practitioner Methodist University Hospital, Memphis, TN, USA and Denise Morin, MSN, RN, Senior Coordinator, Living Donation Lahey Clinic, Burlington, MA, USA

8:00 AM - 8:30 AM  State-of-the-Art Assays to Assess Rejection Risk
Anat Tambur, DMB, PhD
Director, Transplant Immunology Lab
Northwestern University
Chicago, IL, USA

8:30 AM - 9:00 AM  The Preoperative Plan: Management of Immunosuppression in the Transplant Recipient with a Prior History of Cancer
Brenda Appolo, PA
Hepatology Physician Assistant
University of Pennsylvania
Philadelphia, PA, USA

9:00 AM - 9:30 AM  Novel Ways to Manage Polypharmacy Post-transplantation
Debra Sudan, MD
Professor of Surgery
Duke University Medical Center
Durham, NC, USA

9:30 AM - 10:00 AM  Preoperative Evaluation and Plan for the HIV-positive Liver Organ Candidate
Peter Stock, MD, PhD
Professor of Surgery
University of California, San Francisco
San Francisco, CA, USA

10:00 AM – 10:30 AM  Break

Transplant Coordinators: Category 1 Continuing Education Points for Transplant Coordinators (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).
Pharmacists: This activity is eligible for ACPE credit, see www.atcmeeting.org for more details.
Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Priorities in Postoperative Management of the High Risk Renal Transplant

Moderators: Mark Burns, MSN, FNP-C, Mayo Clinic, Rochester, MN, USA and James Whiting, MD, Maine Surgical Group, Portland, ME, USA

10:30 AM - 11:00 AM Peritransplant Anticoagulation: What is the Data?
John Vella, MD
Director, Nephrology and Transplantation
Maine Medical Center
Portland, ME, USA

11:00 AM - 11:30 AM The High Risk Cardiovascular Recipient
Kian Modanlou, MD
Assistant Professor of Surgery
University of Tennessee
Memphis, TN, USA

11:30 AM - 12:00 PM The Diabetic Recipient: Management of Perioperative Glucose - Does it Matter?
Raja Kandaswamy, MBBS
Professor of Surgery
University of Minnesota
Minneapolis, MN, USA

12:00 PM - 12:30 PM Postoperative Monitoring of High PRA’s
Francesca Egidi, MD
Professor of Medicine
Medical University of South Carolina
Charleston, SC, USA

12:30 PM – 1:00 PM Lunch on Your Own

Basic Science Morning Program: Molecular Sensors of Injury/Innate Reactivity to Cell Death and Injury

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Molecular Sensors of Injury

Moderators: Jonathan Bromberg, MD, Professor of Surgery and Microbiology and Immunology, University of Maryland School of Medicine, Baltimore, MD, USA and Marisa-Luisa Alegre, MD, Associate Professor, University of Chicago, Chicago, IL, USA

8:00 AM – 8:30 AM TAM Receptors and TLRs Regulating Adaptive Immune Responses
Greg Lemke, PhD
Professor, Salk Institute
La Jolla, CA, USA
8:30 AM – 9:00 AM  NLRX1 Regulation of Innate Immunity
   Jenny Ting, PhD
   Professor of Microbiology and Immunology, Founding Director of the Center for Translational Immunology
   University of North Carolina
   Chapel Hill, NC, USA

9:00 AM – 9:30 AM  NOD Signaling
   Christine McDonald
   Assistant Professor in Pathobiology
   Cleveland Clinic Foundation
   Cleveland, OH, USA

9:30 AM – 10:00 AM  Detecting Pathogen-Associated Signals
   J. Magarian Blander, PhD
   Associate Professor
   Mount Sinai School of Medicine
   New York City, NY, USA

10:00 AM – 10:30 AM  Break

Innate Reactivity to Cell Death and Injury
   Moderators: Jonathan Maltzman, MD, PhD, Assistant Professor of Medicine, University of Pennsylvania, Philadelphia, PA, USA and Ronald Gill, PhD, Professor of Surgery and Immunology, University of Colorado, Aurora, CO, USA

10:30 AM – 11:00 AM  Overview of Cell Death Pathways
   Marie-Josée Hebert, MD
   Associate Professor in the Faculty of Medicine
   Centre Hospitalier de l'Université de Montréal
   Montreal, QC, Canada

11:00 AM – 11:30 AM  Autophagy
   N. Tony Eissa, MD
   Professor
   Baylor College of Medicine
   Houston, TX, USA

11:30 AM – 12:00 PM  Pyroptosis
   Edward Miao, MD, PhD
   Department of Microbiology & Immunology
   University of North Carolina at Chapel Hill
   Chapel Hill, NC, USA

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
12:00 PM – 12:30 PM  Cell Death and Sterile Inflammation
Braedon McDonald, MD, PhD
University of Calgary
Calgary, AB, Canada

12:30 PM – 1:00 PM  Lunch on Your Own

PRE-MEETING FULL-DAY SYMPOSIA

Second Annual Leadership Resilience in Transplant - Administrator Boot Camp
The ASTS designates this live activity for a maximum of 7.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Transplant Finance and Healthcare Reform
Moderators: E. Janie Morrison, Director, Transplant Institute, BHS, University Hospitals Case Medical Center, Cleveland, OH, USA and Edward Zavala, MBA, Research Assistant Professor, Vanderbilt University, Memphis, TN, USA

8:00 AM – 8:30 AM  Transplant’s Financial Nuances – Medicare Cost Report Basics
William Vaughan
Chief Operating Officer
Guidry and East Consulting
Tampa, FL, USA

8:30 AM – 9:00 AM  Matching Revenue to Effort: Documentation for Optimal Reimbursement
Timothy Stevens, RN, BSN, CCTC
Director, Transplant Services
Providence Health
Spokane, WA, USA

9:00 AM – 9:30 AM  Overview of Healthcare Reform
Heidi L. Gartland, MHA, FACHE
Vice President, Government Relations
University Hospitals
Cleveland, OH, USA

9:30 AM – 10:00 AM  Healthcare Reform and Transplant Centers
Edward Zavala, MBA
Research Assistant Professor
Vanderbilt University
Memphis, TN, USA

10:00 AM – 10:30 AM  Break
OPTN Requirements for Transplant Programs

**Moderators:** Cassandra Smith Fields, RN, MSN, MBA, Spectrum Health, Grand Rapids, MI, USA and Luke Preczewski, BS, Administrative Director, Comprehensive Transplant Center, Northwestern University, Chicago, IL, USA

10:30 AM – 11:00 AM  UNOS By-laws and Policies  
*David Kappus, MAS*  
*Membership Director*  
*UNOS*  
*Richmond, VA, USA*

11:00 AM – 11:30 AM  UNOS Membership and Professional Standards Committee Overview; Requirements for Medical and Surgical Directors (Key Personnel Requirements)  
*Dav...
2:00 PM – 2:30 PM  Site Survey Process and Follow-up Requirements  
Timothy Pruett, MD  
Professor of Surgery and Internal Medicine  
University of Minnesota  
Minneapolis, MN, USA

2:30 PM – 3:00 PM  Mitigating Factors and Service Improvement Agreements  
Thomas Hamilton, BA, MA  
Director, Survey & Certification  
U.S. Center for Medicare and Medicaid Services  
Baltimore, MD, USA

3:00 PM – 3:30 PM  Expectations for Quality Improvement Plans and Observed Best Practices  
Thomas Hamilton, BA, MA  
Director, Survey & Certification  
U.S. Center for Medicare and Medicaid Services  
Baltimore, MD, USA

3:30 PM – 4:00 PM  Break

Sharing of Best Practices  
Moderator: Angelina Korsun, RN, MSN, MPA, Administrator, Transplant and VAD Programs  
Tampa General Hospital, Tampa, FL, USA, and Mary Kathleen Schwab, RN, Mayo Clinic, Rochester, MN, USA

4:00 PM – 5:00 PM  The Program Director and Transplant Administrator – Do You Have What It Takes to Support the Multidisciplinary Approach to Transplantation?  
Ian Jamieson, MBA, MHA  
Chief Administrative Officer  
University of Iowa Organ Transplant Center  
Iowa City, IA, USA  
Alan Reed, MD  
Director of the Division of Transplant Surgery  
University of Iowa Organ Transplant Center  
Iowa City, IA, USA

5:00 PM – 5:30 PM  Roundtable 1: Quality Assurance (Plans, Outcomes, Staffing Models)  
Linda Irwin, RN  
Director of Compliance  
Massachusetts General Hospital Transplant Center  
Boston, MA, USA
Laura Murdock-Stillion, MHA  
Chairperson Director, Transplant Services Comprehensive Transplant Center  
Ohio State Medical Center  
Westerville, OH, USA

Essential Immunology for the Transplant Community

The ASTS designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Key Players of the Immune Response

Moderator: Lori West, MD, D.Phil, Professor/Director of Heart Transplantation Research, University of Alberta at Edmonton, Edmonton, AB, Canada

8:00 AM – 8:30 AM  
How Does Rejection Occur?  
Fadi Lakkis, MD  
Professor of Surgery and Immunology  
University of Pittsburgh  
Pittsburgh, PA, USA

8:30 AM – 9:00 AM  
Overview of Innate Immunity and Its Clinical Applications  
William Baldwin, MD, PhD  
Staff Department of Immunology  
Cleveland Clinic Foundation  
Cleveland, OH, USA

9:00 AM – 9:30 AM  
Why T-Cell Activation Matters: Applications to Human Transplant Recipients  
Stuart Knechtle, MD  
Professor Department of Surgery  
Emory University  
Atlanta, GA, USA

9:30 AM – 10:00 AM  
B Cells and Plasma Cells: The Biology Behind the New Therapies  
Lori West, MD, PhD  
Professor/Director of Heart Transplantation Research  
University of Alberta at Edmonton  
Edmonton, AB, Canada

10:00 AM – 10:30 AM  
Break
Effector Mechanisms of Allograft Injury
Moderator: Peter Heeger, MD, Professor of Medicine Mount Sinai School of Medicine, New York, NY, USA

10:30 AM – 11:00 AM  Injury to the Epithelium: Fundamental Mechanisms and Clinical Applications
Anthony Jevnikar, MD
Director of Transplantation Nephrology
London Health Sciences Center
London, ON, Canada

11:00 AM – 11:30 AM  Allograft Fibrosis: An Ends to the Means of Injury
Roslyn Mannon, MD
Professor of Medicine and Surgery
University of Alabama at Birmingham
Birmingham, AL, USA

11:30 AM – 12:00 PM  Identifying Functioning Mechanisms of Allograft Injury in Man by Immune Monitoring
Peter Heeger, MD
Professor of Medicine
Mount Sinai School of Medicine
New York, NY, USA

12:00 PM – 1:00 PM  Lunch on Your Own

Applying Immunology to the Transplant Setting: Joint Program for Basic Scientists and Transplant Clinicians
Moderators: Robert Fairchild, PhD, Professor of Molecular Medicine Cleveland Clinic Foundation, Cleveland, OH, USA and Roslyn Mannon, MD, Professor of Medicine and Surgery, University of Alabama at Birmingham, Birmingham, AL, USA

1:00 PM – 1:30 PM  Regulating the Immune Response: Does This Really Happen in People?
Jonathan Bromberg, MD, PhD
Professor of Surgery and Microbiology and Immunology
University of Maryland School of Medicine
Baltimore, MD, USA

1:30 PM – 2:00 PM  Update in Histocompatibility and Antibody Detection
Elaine Reed, PhD
Professor of Pathology and Laboratory Medicine
University of California, Los Angeles
Los Angeles, CA, USA

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2:00 PM – 2:30 PM  Transplant Tolerance: Fact or Fiction  
*Kenneth Newell, MD, PhD*  
Professor of Surgery  
*Emory University School of Medicine*  
Atlanta, GA, USA

2:30 PM – 3:00 PM  Gene Expression: The Technique, Molecules and their Application to Transplantation  
*Thomas Mueller, MD, PhD*  
Assistant Professor  
*University of Alberta at Edmonton*  
Edmonton, AB, Canada

3:00 PM – 3:30 PM  Responding to Viral Infection: Mechanisms and Consequences on Recipient Immunity and Allograft Injury  
*Atul Humar, MD, MSC*  
Associate Professor of Medicine  
*University of Alberta at Edmonton*  
Edmonton, AB, Canada

**PRE-MEETING AFTERNOON SYMPOSIA**

**Controversies in Kidney Transplantation**

The ASTS designates this live activity for a maximum of 4.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Immunosuppression 2012 – How to Best Use the Drugs We Have Now**

*Moderators: E. Steve Woodle, MD, Professor of Surgery, University of Cincinnati, Cincinnati, OH, USA and John Gill, MD, MS, Associate Professor of Medicine University of British Columbia, Burnaby, BC, Canada*

1:00 PM – 1:30 PM  Induction Therapy: Which Agent for Which Patient?  
*Donald Hricik, MD*  
Chief, Division of Nephrology and Hypertension  
*University Hospitals Case Medical Center*  
Cleveland, OH, USA

1:30 PM – 2:00 PM  Belatacept Approved: Now What?  
*Flavio Vincenti, MD*  
Professor, Division of Nephrology  
*University of California, San Francisco*  
San Francisco, CA, USA
2:00 PM – 2:30 PM  Steroid-free Immunosuppression: Is this Standard of Care in 2012?
Akinlolu Ojo, MD, PhD
Professor of Medicine
University of Michigan Medical School
Ann Arbor, MI, USA

2:30 PM – 3:00 PM  Moving Immunosuppression Forward: Three Critical Trials That Must be Performed in Kidney Transplantation
John Gill, MD MS
Associate Professor of Medicine
University of British Columbia
Burnaby, BC, Canada

3:00 PM – 3:30 PM  Break

Controversies in Kidney Transplant Evaluation and Listing
Moderators: Arthur Matas, MD, Professor of Surgery, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA and Gabe Danovitch, MD, Medical Director for the Kidney & Pancreas Transplant Program, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

3:30 PM – 4:00 PM  Obesity: When is Big Too Big for Kidney Transplantation?
Krista Lentine, MD
Associate Professor
Saint Louis University School of Medicine
St. Louis, MO, USA

4:00 PM – 4:30 PM  Transplantation in the Elderly: Should this be Routinely Offered to 70 and 80 Year Olds?
Suphamai Bunnapradist, MD
Professor of Medicine
David Geffen School of Medicine at UCLA
Los Angeles, CA, USA

4:30 PM – 5:00 PM  Beyond Preoperative Clearance: What Long-term Cardiac Prognosis is Acceptable for Kidney Transplantation?
Jeffrey Hosenpud, MD
Professor of Medicine
Mayo Clinic
Jacksonville, FL, USA

5:00 PM – 5:30 PM  Wait-List Management: Do All These Tests Really Need to be Repeated?
John Gill, MD
Associate Professor of Medicine
University of British Columbia
Vancouver, BC, Canada

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Hot Topics in Liver Transplantation: Viral Infections and Malignancy

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Evaluation and Management of Viral Hepatitis in Transplant Patients

Moderators: Kim Brown, MD, Chief, Division of Gastroenterology and Hepatology, Henry Ford Hospital, Detroit, MI, USA and Fredric Gordon, MD, Medical Director of Liver Transplantation and Director of Hepatology, Lahey Clinic Medical Center, Burlington, MA, USA

1:00 PM - 1:30 PM  Treatment of HCV in the Liver Transplant Candidate and Recipient: Safe or Sorry?
Hugo Rosen, MD
Professor of Medicine
University of Colorado
Aurora, CO, USA

1:30 PM - 2:00 PM  Update on HCV Infection: Current and Future Antiviral Therapies and Management Strategies
Gregory Everson, MD
Professor of Medicine
University of Colorado Health Science Center
Aurora, CO, USA

2:00 PM - 2:30 PM  Update on Hepatitis B Infection: The Success of Antivirals
Robert Gish, MD
Professor of Clinical Medicine
University of California, San Diego
San Diego, CA, USA

2:30 PM - 3:00 PM  Viral Hepatitis in Non-hepatic Organ Transplantation
Josh Levitsky, MD
Associate Professor
Northwestern University, Feinberg School of Medicine
Chicago, IL, USA

3:00 PM – 3:30 PM  Break

Hepatobiliary Malignancies in the Transplant Setting

Moderators: Charles Rosen, MD, Chair, Division of Transplantation Surgery, Mayo Clinic, Rochester, MN, USA and Norah Terrault, MD, Professor of Medicine, University of California, San Francisco, San Francisco, CA, USA

3:30 PM - 4:00 PM  Hepatocellular Carcinoma: Keeping Patients Within UNOS Criteria
Kenneth Washburn, MD
4:00 PM - 4:30 PM  
Hepatocellular Carcinoma: Downstaging Patients into UNOS Criteria  
Francis Yao, MD  
Professor of Medicine and Surgery  
University of California, San Francisco  
San Francisco, CA, USA

4:30 PM - 5:00 PM  
Cholangiocarcinoma: Friend or Foe?  
Julie Heimbach, MD  
Associate Professor of Surgery  
Mayo Clinic  
Rochester, MN, USA

5:00 PM - 5:30 PM  
Liver Transplantation for Non-hepatocellular Cancer  
Jan Lerut, MD, PhD  
Ordinary Professor of Surgery  
University Hospitals Saint Luc  
Brussels, Belgium

Giving Life, Maintaining Life: Transplant from Beginning to End

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Evaluation and Wait List Management - Make Up the Hard Decisions
Moderator: Renee Bennett, RN, BSN, CCTC, CCTN, Program Administrator Transplant, Cleveland Clinic Foundation, Cleveland, OH, USA and Roxanne Taylor, RN MSN, Living Donation Coordinator, Maine Medical Center, Portland, ME, USA

1:00 PM - 1:30 PM  
What’s Age Got to Do With It? Pushing the Age Barrier  
Richard Fatica, MD  
Vice-Chairman of the Department of Nephrology and Hypertension  
Cleveland Clinic Foundation  
Cleveland, OH, USA

1:30 PM - 2:00 PM  
How Much Is Too Much? Is BMI Really an Issue in Transplantation?  
Deborah Hoch, DNP-ACNP-BC  
Nurse Practitioner Transplantation  
Maine Medical Center  
Portland, ME, USA
2:00 PM - 2:30 PM  Real Time Programmatic Decision-Making
Jesse Schold, PhD
Director Outcomes Research
Cleveland Clinic Foundation
Cleveland, OH, USA

2:30 PM - 3:00 PM  Wait List Management: Delisting Patients?
David Shaffer, MD
Chief, Division of Kidney & Pancreas Transplantation
Vanderbilt University Medical Center
Nashville, TN, USA

3:00 PM – 3:30 PM  Break

Transplant – Keeping Patients on the Straight and Narrow
Moderators: Tracy Evans-Walker, MSN, CNP, CCTC, Affiliated Clinical Practitioner, Cleveland Clinic Foundation, Cleveland, OH, USA and Craig Myrick, RN, CPTC, Clinical Director, Intermountain Donor Services, Salt Lake City, UT, USA

3:30 PM - 4:00 PM  Who Cares for the Donor? The Donor Win Program
Titte Srinivas, MD
Staff Physician
Cleveland Clinic Foundation
Cleveland, OH, USA

4:00 PM - 4:30 PM  Escaping the Coffin: Managing Long-term Issues
Haley Hoy, PhD, ACNP
Director, NP Programs
University of Alabama Huntsville
Huntsville, AL, USA

4:30 PM - 5:00 PM  Let the Patient Grow Up! Pediatric Transition to Adult Care
Stacee Lerret, PhD(c), RN, CPNP, CCTC
Assistant Professor
Children’s Hospital of Wisconsin
Milwaukee, WI, USA

5:00 PM - 5:30 PM  Outlier Clinics: Innovative Strategies to Avoid Loss to Follow-Up
E. Janie Morrison, BHS
Director, Transplant Institute
University Hospitals Case Medical Center
Cleveland, OH, USA
ATC 2012 Annual Meeting

OPENING RECEPTION AND EXHIBITS
5:30 PM - 7:00 PM

POSTER SESSION I
5:30 PM – 7:00 PM
Sunday, June 3, 2012

SUNRISE SYMPOSIA
7:00 AM – 8:15 AM

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Achieving Clinical Transplantation Tolerance: Where Do We Stand?
Moderator: Joshua Miller, MD, PhD, Research Professor, Northwestern University, Chicago, IL, USA and A. Benedict Cosimi, MD, Chief Emeritus, Transplantation, Massachusetts General Hospital, Boston, MA, USA

7:00 AM - 7:25 AM  Tolerance Induction Strategies in Liver Transplantation: An Update
Alberto Sanchez-Fueyo, MD, PhD
Professor in Hepatology
Hospital Clinic Barcelona
Barcelona, Spain

7:25 AM - 7:50 AM  Identifying the Tolerant Organ Transplant Recipient
Sophie Brouard, PhD
Director of Research
Itert Inserm
Nantes, France

7:50 AM - 8:15 AM  Tolerance Induction Strategies in Kidney Transplantation: A Review
Kenneth Newell, MD, PhD
Professor of Surgery
Emory University School of Medicine
Atlanta, GA, USA

Acute and Chronic Rejection in Vascularized Composite Allografts (VCA)
Moderator: Rolf Barth, MD, Associate Professor of Surgery, University of Maryland School of Medicine, Baltimore, MD, USA and Ronald Zuker, MD, Plastic Surgeon, The Hospital for Sick Children, Toronto, ON, Canada

7:00 AM - 7:25 AM  Immunology of VCA
Suzanne Ildstad, MD
Director, Institute for Cellular Therapeutics
University of Louisville
Louisville, KY, USA
7:25 AM - 7:50 AM  Rejection in Skin-Containing VCA: The Banff Update
Linda Cendales, MD
Assistant Professor of Surgery
Emory University School of Medicine
Atlanta, GA, USA

7:50 AM - 8:15 AM  Tolerance Protocols for Vascularized Composite Tissue Allotransplantation: Preclinical Data
Curtis Cetrulo, MD
Assistant Professor of Surgery
Massachusetts General Hospital
Boston, MA, USA

Marginal Kidneys: Connecting the Kidney, Recipient, and Center
Moderators: Benjamin Philosophe, MD, Head, Division of Transplantation and Hepatobiliary Surgery Associate Professor, University of Maryland Medical Center, Baltimore, MD, USA and Enver Akalin, MD, Professor of Clinical Medicine and Surgery, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY, USA

7:00 AM - 7:25 AM  The Right Kidney: Biopsy, Pump, and Discard
Randall Sung, MD
Associate Professor of Surgery
University of Michigan
Ann Arbor, MI, USA

7:25 AM - 7:50 AM  The Right Recipient: Update on the Eurotransplant Senior Program
Ulrich Frei, MD
Professor of Medicine-Nephrology
Charite - Universitatsmedizin Berlin
Berlin, Germany

7:50 AM - 8:15 AM  The Right Center: Policy Challenges to Efficient Distribution
Dorry Segev, MD, PhD
Associate Professor of Surgery
Johns Hopkins University
Baltimore, MD, USA

Lung Transplantation: Challenges, Progress and Clinical Therapeutics
Moderators: Cynthia Gries, MD, MSc, Assistant Professor of Medicine, University of Pittsburgh, Pittsburgh, PA, USA and David Mason, MD, Staff Surgeon, Cleveland Clinic Foundation, Cleveland, OH, USA

7:00 AM - 7:25 AM  Avoiding Primary Graft Dysfunction: Biomarkers and New Therapies
George Chaux, MD
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Emerging Infections in Lung Transplant Recipients
Francisco Marty, MD
Assistant Professor of Medicine
Brigham and Women’s Hospital
Boston, MA, USA

The Latest in the Understanding and Treatment of BOS
Robert Aris, MD
Professor of Medicine, Director of the Pulmonary Hypertension Program and Inpatient Pulmonary Services
University of North Carolina
Chapel Hill, NC, USA

Maximizing Transplant Center Organ Utilization in an Era of Regulatory Oversight
Moderator: Nicole Turgeon, MD, Assistant Professor of Surgery, Emory University, Atlanta, GA, USA and Richard S. Luskin, MPA, New England Organ Bank, Waltham, MA, USA

Transplant Outcomes Assessment and Center Behavior
Jesse Schold, PhD
Director Outcomes Research
Cleveland Clinic Foundation
Cleveland, OH, USA

Loss Aversion and Organ Utilization Decisions
Kurt Schnier, PhD.
Associate Professor
Georgia State University
Atlanta, GA, USA

Transplant Center Oversight and Quality Improvement: The CMS Perspective
Thomas Hamilton, BA, MA
Director, Survey & Certification
U.S. Center for Medicare and Medicaid Services
Baltimore, MD, USA

Minimizing the Impact of Immunosuppression in Liver Transplant Recipients
Moderators: Russell Wiesner, MD, Mayo Clinic, Rochester, MN, USA and Abraham Shaked, MD, Professor of Surgery, University of Pennsylvania, Philadelphia, PA, USA

Overview of Current and Future Immunosuppression Strategies in Liver Recipients
John O’Grady, MD
Minimizing the Toll of Long-term Immunosuppression
Sandy Feng, MD, PhD
Professor of Surgery
University of California, San Francisco
San Francisco, CA, USA

Liver Transplant Tolerance: Holy Grail or Fail?
Abraham Shaked, MD, PhD
Professor of Surgery
University of Pennsylvania
Philadelphia, PA, USA

Risk Evaluation and Mitigation Strategies (REMS) in Transplantation
Moderators: Rita Alloway, PharmD, Research Professor of Medicine, University of Cincinnati College of Medicine, Cincinnati, OH, USA and Richard Formica, MD, Associate Professor of Medicine and Surgery/Director of Transplant Nephrology, Yale Nephrology, New Haven, CT, USA

What are Risk Evaluation and Mitigation Strategies (REMS)
Rita Alloway, PharmD
Research Professor of Medicine
University of Cincinnati College of Medicine
Cincinnati, OH, USA

REMS in Transplantation
Steven Gabardi, PharmD, BCPS
Abdominal Organ Transplant Clinical Specialist
Brigham and Women’s Hospital
Boston, MA, USA

Implications of REMS for Healthcare Providers
Diane Cibrik, MD
Associate Professor of Medicine
University of Michigan
Ann Arbor, MI, USA

The Microbiome: Effects of Commensal Microbes on Health and Disease
Moderators: Marisa Alegre, MD, PhD, Associate Professor, University of Chicago, Chicago, IL, USA and Jay Fishman, MD, Co-Director, Massachusetts General Hospital Transplant Center, Harvard Medical School, Boston, MA, USA

Gut Microbiota Drives Autoimmunity
Hsin-Jung Joyce Wu, PhD
Assistant Professor, Department of Immunobiology

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The University of Arizona College of Medicine
Tucson, AZ, USA

7:25 AM - 7:50 AM Effect of the Microbiota on the TCR Repertoire of Tregs
Chyi Hsieh MD, PhD
Assistant Professor
Washington University
St. Louis, MO, USA

7:50 AM - 8:15 AM Microbiota Effects on Small Bowel Transplants
David Mercer, MD
Associate Professor of Surgery
University of Nebraska Medical Center
Omaha, NE, USA

BREAK
8:15 AM – 8:30 AM

JOINT PLENARY AND AWARDS
8:30 AM – 10:15 AM

The ASTS designates this live activity for a maximum of .75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

STATE-OF-THE-ART ADDRESS

The ASTS designates this live activity for a maximum of 0.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

10:15 AM – 10:45 AM Immune Checkpoint Blockade in Cancer Therapy: New Insights and Opportunities
James P. Allison, PhD
Chairman of the Immunology Program
Sloan-Kettering Cancer Center
New York, NY, USA

COFFEE BREAK
10:45 AM – 11:00 AM

MID-DAY SYMPOSIA
11:00 AM – 12:30 PM

Hepatitis C Virus: The New Era

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Moderators: Hugo Rosen, MD, Professor of Medicine, University of Colorado, Aurora, CO, USA and Norah Terrault, MD, MPH, Professor of Medicine, University of California, San Francisco, San Francisco, CA, USA

11:00 AM - 11:30 AM  New Antivirals for HCV: Current and Future Agents  
David Wyles, MD  
Associate Professor of Medicine  
University of California, San Diego  
La Jolla, CA, USA

11:30 AM - 12:00 PM  Predictors of HCV Disease Progression and Treatment Response: IL28b and Beyond  
Michael Charlton, MD  
Professor of Medicine  
Mayo Clinic  
Rochester, MN, USA

12:00 PM - 12:30 PM  Treatment of HCV in Liver Transplant Candidates and Recipients: What Now?  
Raymond Chung, MD  
Director of Hepatology  
Massachusetts General Hospital  
Boston, MA, USA

Living Kidney Donation Outcomes Research: Lessons Learned from Four Multi-Site Studies

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Alan Leichtman, MD, Professor of Medicine, University of Michigan, Ann Arbor, MI, USA and James Rodrigue, PhD, Associate Professor, Beth Israel Deaconess Medical Center, Boston, MA, USA

11:00 AM - 11:20 AM  Kidney Donor Outcomes Cohort (KDOC) Study  
Didier Mandelbrot, MD  
Medical Director of the Living Kidney Donor Program  
Beth Israel Deaconess Medical Center  
Boston, MA, USA

11:20 AM - 11:40 AM  Renal and Lung Living Donors Evaluation (RELIVE) Study  
Robert Merion, MD  
Professor of Surgery  
University of Michigan  
Ann Arbor, MI, USA

Transplant Coordinators: Category 1 Continuing Education Points for Transplant Coordinators (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).
Pharmacists: This activity is eligible for ACPE credit, see www.atcmeeting.org for more details.
Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
11:40 AM - 12:00 PM  Assessing Long Term Outcomes after Living Kidney Donation (ALTOLD) Study
Bertram Kasiske, MD
Director of Nephrology
University of Minnesota
Minneapolis, MN, USA

12:00 PM – 12:20 PM  Donor Nephrectomy Outcomes Research (DONOR) Network
Amit Garg, MD, FRCPC, PhD
Professor, Nephrologist, Clinician Scientist
London Health Sciences Centre
London, ON, Canada

12:00 PM – 12:30 PM  Discussion

**Microvasculature Injury and Repair: Consequences and Therapeutic Targets in Lung Transplantation**

The ASTS designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*Moderators: Martin Zamora, MD, Professor of Medicine, University of Colorado Health Sciences Center, Aurora, CO, USA and Scott Palmer, MD, MHS, Director, DCRI Pulmonary Research, Duke University Medical Center, Durham, NC, USA*

11:00 AM - 11:30 AM  Role of Microvascular Injury in Airway Fibrosis
Mark Nicolls, MD
Chief, Division of Pulmonary and Critical Care Medicine
Stanford University
Palo Alto, CA, USA

11:30 AM - 12:00 PM  Bronchial Artery Revascularization: Technique and Outcomes
Gosta Petersson, MD, PhD
Vice Chairman
Cleveland Clinic Foundation
Cleveland, OH, USA

12:00 PM – 12:30 PM  HIF1 Alpha-Dependent Mechanism of Vascularization and Vascular Remodeling
Martin Zamora, MD
Professor of Medicine
University of Colorado Health Sciences Center
Aurora, CO, USA
New Insights in Dendritic Cell Functions during Initiation of Adaptive Immune Responses

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Angus Thomson, PhD, DSc, Distinguished Professor of Surgery and Professor of Immunology, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA and Anna Valujskikh, PhD, Associate Staff, Cleveland Clinic Foundation, Cleveland, OH, USA

11:00 AM - 11:30 AM Directing Dendritic Cells Out of Peripheral Tissues
Miriam Merad, MD, PhD
Professor of Medicine and Oncological Science
Mount Sinai School of Medicine
New York, NY, USA

11:30 AM - 12:00 PM Dynamics of Dendritic Cells Interactions with RFC and T Cells in the Lymph Node
Heather Hickman, PhD
NIAID, National Institutes of Health
Bethesda, MD

12:00 PM – 12:30 PM Handing Antigens Off from FDC to Resident DC in Lymph Nodes
Adrian Erlebacher, MD, PhD
Assistant Professor
New York University Cancer Institute
New York, NY, USA

Vascularized Composite Allografts: Clinical Lessons Learned From the Past 10 Years and Challenges for the Next 10 Years

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Joseph Leventhal, MD, PhD, Associate Professor of Surgery, Northwestern University Medical School, Chicago, IL, USA and Kadiyala Ravindra, MD, Associate Professor, Duke University Medical Center, Durham, NC, USA

Mary Amanda Dew, PhD
Professor of Psychiatry, Psychology, Epidemiology and Biostatistics
McGowan Institute for Regenerative Medicine
Pittsburgh, PA, USA
11:30 AM - 12:00 PM  Infectious Complications in VCA: Treatment Strategies Now and Future Prevention
Camille Nelson Kotton, MD
Assistant Professor, Harvard Medical School
Massachusetts General Hospital
Boston, MA, USA

12:00 PM – 12:30 PM  Technical Evolution of Hand Transplantation and Improving Long-term Outcomes
Wei-Ping Andrew Lee, MD
Chairman, Department of Plastic and Reconstructive Surgery
Johns Hopkins University School of Medicine
Baltimore, MD, USA

BREAKEBREAK
12:30 PM – 12:45 PM

LUNCHEON WORKSHOPS – TICKETED EVENTS
12:45 PM – 2:00 PM

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

1. Controversies in Transplant Infections: Point-counterpoint - Influenza
Atul Humar, MD, MSC, Associate Professor of Medicine, University of Alberta, Edmonton, AB, Canada and Deepali Kumar, MD, Assistant Professor of Medicine, University of Alberta, Edmonton, AB, Canada

2. Biomarkers and Beyond: Applying –Omic Technology to Patient Care
Valeria Mas, PhD, Associate Professor Research Surgery, Co-Director, Transplant Research, Director, Translational Genomics Transplant Laboratory, University of Virginia, Charlottesville, VA, USA and Minnie Sarwal, MD, PhD, MRCP, Professor, Pediatrics, Immunology & Surgery, Stanford University School of Medicine, Stanford, CA, USA

Jeremy Chapman, MD, Professor, Westmead Hospital, Westmead, Australia and Michael Nalesnik, MD, Professor of Pathology, University of Pittsburgh, Pittsburgh, PA, USA

4. Update on Clinical Pharmacology
Steven Gabardi, PharmD, BCPS, Abdominal Organ Transplant Clinical Specialist, Brigham and Women’s Hospital, Boston, MA, USA and Teun Van Gelder, MD, Professor of Clinical Pharmacology, Erasmus Medical Center Rotterdam, Rotterdam, Netherlands
5. Antiviral Therapy for HCV - One Year Later  
Jeffrey Crippin, MD, Professor of Medicine, Washington University School of Medicine, Saint Louis, MO, USA and Hugo Rosen, MD, Professor of Medicine, University of Colorado, Aurora, CO, USA

6. Great Cases in Transplant Infectious Diseases  
Costi Sifri, MD, Associate Professor of Medicine, University of Virginia Health System, Charlottesville, VA, USA and Marian Michaels, MD MPH, Professor of Pediatrics and Surgery, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA

7. Management of the Kidney Transplant Patient with a Failing/Failed Renal Allograft  
Adam Frank, MD, Associate Professor of Surgery, Thomas Jefferson University Hospital, Philadelphia, PA, USA and Donald Hricik, MD, Chief, Division of Nephrology and Hypertension University, Hospitals Case Medical Center, Cleveland, OH, USA

8. The Virtual Crossmatch - Understanding its Role in Wait List Management  
Howard Gebel, PhD, Professor Pathology & Laboratory Medicine, Emory University Hospital, Atlanta, GA, USA and Kathryn Tinckam, MD, University Health Network, Toronto, ON, Canada

Sangeeta Bhorade, MD, Associate Professor of Medicine, University of Chicago Hospitals, Chicago, IL, USA and Bartley P. Griffith, MD, Professor of Surgery, University of Maryland Medical Center, Baltimore, MD, USA

10. Controversies in Transplant Immunology I: Do IL-17 and/or Th17 Cells Play a Role in Allograft Rejection?  
Yes: John Iacomini, PhD, Professor of Pathology, Tufts Medical School, Tufts Medical Center, Boston, MA, USA and No: Robert Fairchild, MD, Professor of Molecular Medicine, Cleveland Clinic Foundation, Cleveland, OH, USA

11. Controversies in Transplant Immunology II: Future of Islet  
Yes: Ali Naji, MD, PhD, J. William White Professor of Surgery, University of Pennsylvania Hospital, Philadelphia, PA, USA, No: David Harlan, MD, Professor, University of Massachusetts Medical School, Worcester, MA, USA

BREAK  
2:00 PM – 2:15 PM

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

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Delayed Renal Allograft Function: Pathogenesis, Prevention and Management

The ASTS designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: David Foley, MD, Associate Professor of Surgery, University of Wisconsin, Madison, WI, USA and Douglas Hanto, MD, PhD, Professor of Surgery, Beth Israel Deaconess Medical Center, Boston, MA, USA

2:15 PM – 2:45 PM  Risk Factors for DGF and the Impact on Transplant Outcomes
Norberto Perico, MD
Principal Investigator
Institute for Pharmacological Research
Bergamo, Italy

2:45 PM – 3:15 PM  Pre-transplant Assessment and Management of the Donor Kidney
Rutger Ploeg, MD, PhD
Professor of Transplant Biology
University of Oxford, United Kingdom

3:15 PM – 3:45 PM  The Financial Implications of DGF—Hospitalization, Dialysis, and Pumping
David A. Axelrod, MD, MBA
Assistant Professor of Surgery
Dartmouth Hitchcock Medical Center
Lebanon, NH, USA

3:45 PM – 4:00 PM  Break

4:00 PM – 4:30 PM  Treatment Strategies to Mitigate DGF
Douglas Hanto, MD, PhD
Professor of Surgery
Beth Israel Deaconess Medical Center
Boston, MA, USA

4:30 PM – 5:00 PM  Clinical Trials in DGF—Issues in Design and Human Subjects Protection
Sandy Feng, MD, PhD
Professor of Surgery
University of California, San Francisco

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
ALLIED HEALTH SYMPOSIUM I

The Primary and Essential Care of Transplant Recipients: Staying Alive!

3:00 PM – 4:00 PM

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Jeremy Chapman, MD, Professor, Renal Unit, Westmead Hospital, Westmead, Australia and Deborah Hoch, DNP-ACNP-BC, Nurse Practitioner Transplantation, Maine Medical Center, Portland, ME, USA

3:00 PM – 3:20 PM  Tailoring Treatment in Management of Hypertension
Alan Jardine, MD
Professor of Renal Medicine
University of Glasgow
Lanarkshire, United Kingdom

Steven Chadban, PhD
Clinical Professor
The University of Sydney
Sydney, Australia

3:40 PM – 4:00 PM  Avoiding Infection: Vaccines and Lifestyle after Transplantation
Robin K. Avery, MD
Professor of Medicine
Cleveland Clinic Foundation
Cleveland, OH, USA

4:00 PM – 4:20 PM  Cancer Prevention and Screening: How Big is the Risk?
Bryce A. Kiberd, MD
Professor of Medicine
Dalhousie University
Halifax, NS, Canada

4:20 PM – 4:40 PM  Discussion
TRAINEE PROGRAM: THE SCIENCE, THE ART, AND THE ALLURE OF TRANSPLANTATION

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

2:15 PM – 5:30 PM

The ASTS designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderator: Dorry Segev, MD, PhD, Associate Professor of Surgery, Johns Hopkins University, Baltimore, MD, USA

Part 1: Fundamental Concepts of Transplantation

2:15 PM - 2:30 PM  In The Beginning: Historical Anecdotes
Thomas Peters, MD  
Professor of Surgery  
Jacksonville Transplant Center  
Jacksonville, FL, USA

2:30 PM - 2:45 PM  Immunosuppression: Because We Haven't Quite Figured Out Tolerance
Rita Alloway, PharmD, FCCP  
Research Professor of Medicine  
University of Cincinnati, College of Medicine  
Cincinnati, OH, USA

2:45 PM - 3:00 PM  Transplant Surgery: The Most Invasive Thing You Can Do To Someone
Charles Miller, MD  
Director Liver Transplant Program  
Cleveland Clinic Foundation  
Cleveland, OH, USA

3:00 PM - 3:15 PM  Transplant Nephrology: Urine is Golden
Robert Gaston, MD  
Professor of Medicine and Surgery  
University of Alabama at Birmingham  
Birmingham, AL, USA

3:15 PM - 3:30 PM  Coffee Break and Mingle with Faculty

3:30 PM - 3:45 PM  Transplant Hepatology: No Other Option
Norah Terrault, MD, MPH
3:45 PM - 4:00 PM  Transplant ID: Immunosuppression Brings Out the Strange Infections  
Camille Kotton, MD  
Assistant Professor, Harvard Medical School  
Massachusetts General Hospital  
Boston, MA, USA

4:00 PM - 4:15 PM  Live Donation: When You Don't Need An Operation But Want One Anyway  
Dorry Segev, MD, PhD  
Associate Professor of Surgery  
Johns Hopkins University  
Baltimore, MD, USA

4:15 PM - 4:30 PM  Transplant Immunology Research: From Past to Future  
Anthony Jevnikar, MD  
Director of Transplantation Nephrology  
London Health Sciences Center  
London, ON, Canada

4:30 PM - 4:45 PM  Clinical Research Opportunities: So Many Databases, So Little Time  
David Axelrod, MD MBA  
Assistant Professor of Surgery  
Dartmouth Hitchcock Medical Center  
Lebanon, NH, USA

4:45 PM - 5:00 PM  Coffee Break and Mingle with Faculty

Part 2: Why I Love It

5:00 PM - 5:30 PM  Breakout Panels: Why I Love It  
Surgery:  
Mitchell Henry, MD  
Professor of Surgery /Director, Division of Transplant Surgery  
Ohio State University  
Columbus, OH, USA  

Kim Olthoff, MD  
Professor of Surgery, Director Liver Transplant Program, Penn Transplant Institute  
University of Pennsylvania  
Philadelphia, PA, USA

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Pharmacists: This activity is eligible for ACPE credit, see www.atcmeeting.org for more details.  
Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Zoe Stewart, MD, PhD  
Assistant Professor  
University of Iowa  
Iowa City, IA, USA

Beau Kelly, MD, MBA  
Assistant Professor of Surgery  
Vanderbilt University Medical Center  
Nashville, TN, USA

Marc Melcher, MD  
Assistant Professor  
Stanford University  
Palo Alto, CA, USA

Medicine:  
Jay Fishman, MD  
Co-Director, Massachusetts General Hospital Transplant Center  
Harvard Medical School  
Boston, MA, USA

Milagros Samaniego-Picota, MD  
Medical Director of Kidney and Kidney Pancreas Transplantation  
University of Michigan Medical School  
Anne Arbor, MI, USA

Matthew Ellis, MD  
Assistant Professor of Medicine / Surgery  
Duke Nephrology  
Durham, NC, USA

Krista Lentine, MD, MSc  
Associate Professor of Internal Medicine  
St. Louis University Department of Internal Medicine  
St. Louis, MO, USA

Bertram Kasiske, MD  
Director of Nephrology  
Hennepin County Medical Center  
Minneapolis, MN, USA

Basic Science:  
Roslyn Mannon, MD  
Professor of Medicine and Surgery  
University of Alabama at Birmingham  
Birmingham, AL, USA

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
CONCURRENT ABSTRACT SESSIONS
4:00 PM – 5:30 PM

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POSTER SESSION II
5:30 PM – 6:30 PM
SUNRISE SYMPOSIA
7:00 AM – 8:15 AM

Contemporary Trends in Immunosuppression after Heart Transplantation

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

_Moderators: Patricia Chang, MD, Associate Professor, Director, Heart Failure & Transplant Program, University of North Carolina, Chapel Hill, NC, USA and Jignesh Patel, MD, Heart Transplant Program, Cedars-Sinai Heart Institute, Beverly Hills, CA, USA_

7:00 AM - 7:25 AM  Monotherapy with CNI: Is Too Little Too Much?
_David Baran, MD_
_Clinical Associate Professor of Medicine_
_Newark Beth Israel Medical Center_
_Livingston, NJ, USA_

7:25 AM - 7:50 AM  Induction Therapy Revisited: Has Alemtuzumab Made a Difference?
_Jeffrey Teuteberg, MD_
_Assistant Professor_
_University of Pittsburgh_
_Pittsburgh, PA, USA_

7:50 AM - 8:15 AM  Where Do the mTor Inhibitors Fit In?
_Howard Eisen, MD_
_Professor of Medicine, Chief, Division of Cardiology_
_Drexel University College of Medicine_
_Philadelphia, PA, USA_

Critical Care Issues in Liver Transplant Candidates

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

_Moderator: Stephen Gray, MD, University of Alabama at Birmingham, Birmingham, AL, USA and David J. Kramer, MD, Critical Care Medicine, Internal Medicine, Aurora Medical Group, Milwaukee, WI, USA_

7:00 AM - 7:25 AM  Acute-on-Chronic Liver Failure: Keeping Patients Alive Before Transplantation
_David J. Kramer MD_
_Critical Care Medicine, Internal Medicine_
_Aurora Medical Group_
_Milwaukee, WI, USA_
7:25 AM - 7:50 AM  Controversies in the Management of Acute Liver Failure
Timothy J. Davern, MD
Director of the Acute Liver Failure Program
Sutter Health
Sacramento, CA, USA

7:50 AM - 8:15 AM  Intraoperative Management: Protecting the Vital Organs
Andre DeWolf, MD
Northwestern University Feinberg School of Medicine
Chicago, IL, USA

HIV and Transplantation: Experience and Hurdles

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Emily Blumberg, MD, Professor of Medicine, Director - Transplant Infectious Diseases, Hospital of the University of Pennsylvania, Philadelphia, PA, USA and Paolo Grossi, MD, PhD, Professor of Infectious Diseases, Università degli Studi dell'Insubria, Varese, Italy

7:00 AM - 7:25 AM  HIV-positive Donors: The South African Experience
Elmi Muller, MD
Transplant Surgeon
Groote Shuur Hospital
Cape Town, South Africa

7:25 AM - 7:50 AM  Solid Organ Transplantation in HIV: The European Experience
Jose Miro MD, PhD
Senior Consultant of Infectious Diseases
University of Barcelona
Barcelona, Spain

7:50 AM - 8:15 AM Antiretroviral Therapy in Solid Organ Transplant Recipients: Current Options, Anti-rejection Activity and Drug-Drug Interactions
Linda Frassetto, MD
Professor of Medicine
University of California, San Francisco
San Francisco, CA, USA

Kinases in Transplantation: From Outside to Cellside

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Moderator: Sheri Krams, PhD, Associate Professor, Stanford University School of Medicine, Palo Alto, CA, USA

7:00 AM - 7:25 AM  GSK-3beta, Treg Function and Allografts
Alessandro Alessandrini, PhD
Assistant Professor of Surgery
Massachusetts General Hospital /Harvard Medical School
Boston, MA, USA

7:25 AM - 7:50 AM  Kinase Inhibitors of Cardiac Allograft Rejection
Sonja Schrepfer, MD, PhD
Instructor
Stanford School of Medicine
Stanford, CA, USA

7:50 AM - 8:15 AM  Clinical Use of JAK-3 Inhibitors in Transplantation
John O’Shea, MD
Scientific Director
NIAMS
Bethesda, MD, USA

Update in Intestinal Transplantation

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Thomas Fishbein, MD, Georgetown University Hospital, Washington, D.C. USA and Alan Langnas, DO, Professor of Surgery, University of Nebraska Medical Center, Omaha, NE, USA

7:00 AM - 7:25 AM  Which Pathway to Take: Autologous Reconstruction or Intestinal Transplantation?
Dominique Jan, MD
Chief of Pediatric Surgery
Montefiore-Albert Einstein College of Medicine
Bronx, NY, USA

7:25 AM - 7:50 AM  Long-term Functional Outcomes: Why Do Grafts Fail and Can Anything Be Done?
George Mazariegos, MD
Professor of Surgery
Children’s Hospital of Pittsburgh
Pittsburgh, PA, USA

7:50 AM - 8:15 AM  Predicting the Future of Intestinal Transplantation
Alan Langnas, DO
Professor of Surgery
Updates in Transplant Psychiatry

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Moderators: Silvia Hafliger, MD, Assistant Clinical Professor, New York Presbyterian Hospital, New York, NY, USA and Paula Zimbrean, MD, Assistant Professor of Psychiatry, Yale School of Medicine, New Haven, CT, USA

7:00 AM - 7:25 AM  Psychiatric Evaluation for Patients with Acute Liver Failure Requiring Liver Transplantation
Swapna Vaidya, MD
Director Transplant Psychiatry
Mount Sinai School of Medicine
New York, NY, USA

7:25 AM - 7:50 AM  Addiction and Liver Transplantation: Review of Current Evidence
Paula Zimbrean, MD
Assistant Professor
Yale School of Medicine
New Haven, CT, USA

7:50 AM - 8:15 AM  "To Give or Not to Give": Reflections of a Transplant Psychiatrist on the Evaluation and Care of Adult Living Liver Donors
Silvia Hafliger, MD
Assistant Clinical Professor
New York Presbyterian Hospital
New York, NY, USA

Kidney Paired Donation: Lessons, Finances, and Progress

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Moderators: Dorry Segev, MD, PhD, Associate Professor of Surgery, Johns Hopkins University, Baltimore, MD, USA and Joseph Leventhal, MD, PhD, Associate Professor of Surgery, Northwestern University, Chicago, IL, USA

The Best and Worst Aspects of Our Program

7:00 AM – 7:05 AM  Kenneth Andreoni, MD
Associate Professor

Ohio State University Transplant Center
Columbus, OH, USA

7:05 AM – 7:10 AM  Marc Melcher, MD
Assistant Professor
Stanford University
Palo Alto, CA, USA

7:10 AM – 7:15 AM  Ed Cole, MD
Professor of Medicine
University Health Network
Toronto, ON, Canada

7:15 AM – 7:20 AM  Mary De Klerk, PhD
National coordinator of the Dutch Living Donor Kidney Exchange Program
Erasmus University Medical Center Rotterdam
Erasmus, Netherlands

7:20 AM – 7:25 AM  Dae Joong Kim, MD
Professor
Samsung Medical Center
Seoul, South Korea

7:25 AM – 7:30 AM  Philip O’Connell, MD, PhD
Professor
University of Sydney, Westmead Hospital Australia
Perth, Australia

7:30 AM – 7:40 AM  Discussion

7:40 AM – 7:55 AM  Financing Kidney Paired Donation
Michael Rees, MD, PhD
Professor, Vice-Chair of Urology, Director of Renal Transplantation
University of Toledo Medical Center
Toledo, OH, USA

7:55 AM – 8:15 AM  Panel Discussion: Where Do We Go From Here

BREAKFAST WORKSHOPS – TICKETED EVENTS

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7:00 AM – 8:15 AM
12. How to Prepare and Give a Talk  
Peter Heeger, MD, Professor of Medicine, Mount Sinai School of Medicine, New York, NY, USA

13. Grant Writing - Basic Science  
Jonathan Bromberg, MD, PhD, Professor of Surgery and Microbiology and Immunology, University of Maryland School of Medicine, Baltimore, MD, USA and Robert Fairchild, PhD, Professor of Molecular Medicine, Cleveland Clinic Foundation, Cleveland, OH, USA

14. Manuscript Writing – Basic Science  
Andrew Wells, PhD, Associate Professor, University of Pennsylvania, Philadelphia, PA, USA and Jonathan Maltzman, MD, PhD, Assistant Professor of Medicine, University of Pennsylvania, Philadelphia, PA, USA

15. Grant Writing – Clinical Science  
John Gill, MD, MS, Associate Professor of Medicine, University of British Columbia, Burnaby, BC, Canada

BREAK  
8:15 AM – 8:30 AM

JOINT PLENARY, ASTS AWARDS AND ASTS PRESIDENTIAL ADDRESS  
8:30 AM – 10:15 AM

The ASTS designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

STATE-OF-THE-ART ADDRESS  
10:15 AM – 10:45 AM  
Mechanisms of Antibody Action: The Role of the Fc Domain
Jeffrey V. Ravetch, MD, PhD  
Theresa and Eugene Lang Professor and Head of the Leonard Wagner Laboratory of Molecular Genetics and Immunology  
The Rockefeller University  
New York, NY, USA

COFFEE BREAK  
10:45 AM – 11:00 AM

MID-DAY SYMPOSIA  
11:00 AM – 12:30 PM

Antibodies in Kidney Transplantation

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Moderators: Howard Gebel, PhD, Professor Pathology & Laboratory Medicine, Emory University Hospital, Atlanta, GA, USA and Milagros Samaniego-Picota, MD, Associate Professor, University of Michigan Medical School, Ann Arbor, MI, USA

11:00 AM - 11:30 AM Novel Methods to Diagnose Antibody Mediated Rejection in Kidney Transplantation
Lorraine Racusen, MD
Pathologist
Johns Hopkins Hospital
Baltimore, MD, USA

11:30 AM - 12:00 PM The Utility of Antibody Monitoring in Sensitized and Unsensitized Renal Transplant Recipients
Peter Nickerson, MD
Clinical Nephrologist and Professor of Internal Medicine and Immunology and the Associate Dean (Research)
University of Manitoba
Winnipeg, MB, Canada

12:00 PM - 12:30 PM Treatment of Detected Antibody and Antibody Mediated Rejection: What’s New?
Mark Stegall, MD
Professor of Surgery
Mayo Clinic
Rochester, MN, USA

Consensus Conference Results in Antibody-mediated Rejection after Heart Transplantation: State-of-the-Art

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Monica Colvin-Adams, MD, Assistant Professor of Medicine, University of Minnesota Medical School, Minneapolis, MN, USA and Abdalla Kfoury, MD, Director, Heart Failure Prevention & Treatment Program, Intermountain Medical Center, Murray, UT, USA

11:00 AM - 11:30 AM Assays to Detect Circulating Antibodies
Dolly Tyan, PhD
Professor of Pathology
Stanford University
Palo Alto, CA, USA

11:30 AM - 12:00 PM New Pathology Criteria for Antibody-mediated Rejection
E. Rene Rodriguez, MD
Professor of Pathology
Cleveland Clinic Foundation

Transplant Coordinators: Category 1 Continuing Education Points for Transplant Coordinators (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).
Pharmacists: This activity is eligible for ACPE credit, see www.atcmeeting.org for more details.
Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Cleveland, OH, USA

12:00 PM - 12:30 PM  
Clinical Aspects of Antibody-mediated Rejection: The ISHLT Consensus Conference  

Mandeep Mehra, MD  
Professor of Medicine  
Harvard Medical School  
Boston, MA, USA

Liver Transplantation in the Extreme

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Chris Hughes, MD, Associate Professor of Surgery, Emory University, Atlanta, GA, USA and Sukru Emre, MD, Professor of Surgery and Pediatrics, Yale University, New Haven, CT, USA

11:00 AM - 11:30 AM  
The Extreme Donor – Steatotic, DCD, Old – Challenges and Results  

David Foley, MD  
Associate Professor of Surgery  
University of Wisconsin  
Madison, WI, USA

11:30 AM - 12:00 PM  
The Extreme Recipient – When is Sick Too Sick – Techniques for Maximizing Outcomes in Marginal Patients, Liver Transplants in Association with Other (nonintestinal) Organs  

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

12:00 PM - 12:30 PM  
Extreme Surgery – Techniques for Difficult Technical Hurdles  

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

Molecular Signals Directing T-cell Differentiation

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderator: Alessandro Alessandrini, PhD, Assistant Professor of Surgery, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA and
11:00 AM - 11:30 AM  T-bet Regulation of Th1 and Th17 Differentiation  
Vijay Kuchroo, DVM, PhD  
Professor of Neurology  
Brigham and Women’s Hospital / Harvard Medical School  
Boston, MA, USA

11:30 AM - 12:00 PM  Molecular Signals Directing T Follicular Helper Cell  
Differentiation  
James Harker, PhD  
University of California San Diego  
La Jolla, CA, USA

12:00 PM - 12:30 PM  Transcriptional regulation of Th1 commitment  
John O'Shea, MD  
NIAMS  
Bethesda, MD, USA

Return of the Macrophage: New Insights into the Functions of an Old Leukocyte

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: John Iacomini, PhD, Professor of Pathology, Tufts Medical School, Tufts Medical Center, Boston, MA, USA and Heth Turnquist, PhD, Assistant Professor University of Pittsburgh Medical Center, Pittsburgh, PA, USA

11:00 AM - 11:30 AM  Functional Populations of Macrophages  
David Mosser, PhD  
Professor  
University of Maryland  
College Park, MD, USA

11:30 AM - 12:00 PM  KLF4 and Macrophage Polarization  
Mukesh Jain, MD  
Professor of Medicine  
Case Western Reserve University School of Medicine  
Cleveland, OH, USA

12:00 PM - 12:30 PM  NLRs and Macrophages and Myeloid Cells  
Jenny Ting PhD  
Professor of Microbiology and Immunology, Founding Director of the Center for Translational Immunology  
University of North Carolina  
Chapel Hill, NC, USA

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BREAK  
12:30 PM – 12:45 PM

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

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

TRANSPLANTATION IN DEPTH – BASIC SCIENCE  
2:15 PM – 5:00 PM

The Wild World of Regulatory Cells- From Bench to Bedside

The ASTS designates this live activity for a maximum of 2.5 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Jonathan Maltzman, MD, PhD, Assistant Professor of Medicine, University of Pennsylvania, Philadelphia, PA, USA and Mandy Ford, PhD, Assistant Professor, Emory University, Atlanta, GA, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 2:15 PM – 2:40 PM | Overview of Peripheral Regulation  
Robert Lechler, PhD  
Vice Principal Health  
Kings College  
London, United Kingdom |
| 2:40 PM – 3:05 PM | FoxP3 Regulatory T cells-nTregs vs. iTregs  
Alexander Rudensky, PhD  
HHMI Investigator  
Howard Hughes Medical Center  
Chevy Chase, MD, USA |
| 3:05 PM – 3:30 PM | B Regulatory Cells  
David Rothstein, MD  
Professor of Surgery  
Thomas E. Starzl Transplant Institute  
Pittsburgh, PA, USA |
| 3:30 PM – 3:45 PM | Break |
| 3:45 PM – 4:10 PM | Myeloid-derived Suppressor Cells  
Jordi Ochando, PhD  
Assistant Professor  
Mount Sinai School of Medicine  
New York, NY, USA |

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
4:10 PM – 4:35 PM  Tolerance vs. Inflammation
Yasmine Belkaid, PhD
Chief, Mucosal Immunology Section
National Institute of Allergy and Infectious Diseases
Bethesda, MD, USA

4:35 PM – 5:00 PM  Bringing Tregs to the Clinic
Jeffrey Bluestone, PhD
Executive Vice Chancellor and Provost
University of California, San Francisco
San Francisco, CA, USA

THE ART AND SCIENCE OF TRANSITION
Co-Sponsored by the International Pediatric Transplantation Association (IPTA)

2:15 PM – 5:30 PM

The ASTS designates this live activity for a maximum of 3.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Transition Nuts and Bolts
Moderators: Ron Shapiro, MD, Professor of Surgery, Thomas E. Starzl Transplant Institute, Pittsburgh, PA, USA and Anne I. Dipchand, MD, FRCP(C), Associate Professor, The Hospital of Sick Children, Toronto, ON, Canada

2:15 PM – 2:35 PM  Setting the Scene – Does Crossing the Street Really Impact Outcomes in Pediatric Solid Organ Transplantation?
Deirdre Kelly, MD
Professor of Pediatric Hepatology
Birmingham Children’s Hospital
Birmingham, United Kingdom

2:35 PM – 2:55 PM  Transition – A Pediatric Practitioner’s Perspective (OR… They Can’t/Won’t Take Care of My Patient the Same Way!)
Emily Fredericks, PhD
Assistant Professor
University of Michigan Medical School
Ann Arbor, MI, USA

2:55 PM – 3:15 PM  Transition – An Adult Practitioner’s Perspective (OR… Who is This Dropped at Our Doorstep?!)
Vinay Nair, MD
Assistant Professor of Medicine, Kidney/Pancreas Transplantation
The Mount Sinai Medical Center
New York, NY, USA
3:15 PM – 3:35 PM  The Adolescent Perspective (OR… What’s the Big Deal – it’s Just Across the Street?)
  *Charles Abraham*  
  *Toronto, ON, Canada*

3:35 PM – 3:45 PM  Questions and Answers

3:45 PM – 4:00 PM  Break

**Transition: Collaboration, Consensus and Measuring Success**

*Moderators: Lars Pape, MD, PhD, Professor of Pediatric Nephrology, Medical School of Hannover, Hannover, Germany and Lorraine Bell, MD, Associate Professor, McGill University Health Center, Montreal, QC, Canada*

4:00 PM – 4:20 PM  Working Together to Build Consensus on Transition from Pediatrics to Adults – The UK Experience  
  *Paul Harden, MD*  
  *Consultant Transplant Physician and Honorary Senior Lecturer in Renal Medicine*  
  *Oxford Radcliffe Hospitals NHS Trust*  
  *Oxford, United Kingdom*

4:20 PM – 4:40 PM  Operationalizing the Key Components to a Successful Transition Program (Or…I Know What to do But How Do I Do It?)  
  *Jo Wray, PhD*  
  *Research Health Psychologist*  
  *Great Ormond Street Hospital for Children*  
  *London, United Kingdom*

4:40 PM – 5:00 PM  Technology-based Transition Tools  
  *Miriam Kaufman, BSN, MD, FRCPC*  
  *Professor*  
  *The Hospital for Sick Children/ University of Toronto*  
  *Toronto, ON, Canada*

5:00 PM – 5:20 PM  Studying the Science of Transition and Measuring Outcomes  
  *Cecily Betz, PhD, RN*  
  *Clinical Associate Professor*  
  *Children’s Hospital Los Angeles*  
  *Los Angeles, CA, USA*

5:20 PM – 5:30 PM  Questions and Answers
ALLIED HEALTH SYMPOSIUM II

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Managing Infections in Transplantation: Challenges and Opportunities
Moderators: Steven Gabardi, PharmD, Abdominal Organ Transplant Clinical Specialist, Brigham and Women’s Hospital, Boston, MA and John Vella, MD, Director, Nephrology and Transplantation Maine Medical Center, Portland, ME, USA

3:00 PM – 3:30 PM  
BK Polyomavirus: Have We Made Progress?  
Hans Hirsch, MD  
Professor, Department of Biomedicine  
Institute for Medical Microbiology  
Basel, Switzerland

3:30 PM – 4:00 PM  
Advances in the Prevention and Treatment of Fungal Infection  
Michele Morris, MD  
Associate Professor of Clinical Medicine  
University of Miami  
Miami Beach, FL, USA

4:00 PM – 4:30 PM  
Managing HIV Transplantation: The Basics  
Christin Rogers, PharmD  
Clinical Coordinator, Solid Organ Transplant  
Beth Israel Deaconess Medical Center  
Boston, MA, USA

CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 PM

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POSTER SESSION III

5:30 PM – 6:30 PM

AST BUSINESS MEETING

5:45 PM – 7:00 PM
SUNRISE SYMPOSIA
7:00 AM – 8:15 AM

Antibody-mediated Rejection of the Pancreas Allograft: Diagnosis, Treatment and Prognosis

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Cinthia Drachenberg, MD, Professor of Pathology University of Maryland, Baltimore, MD, USA and Robert Stratta, MD, Professor of Surgery, Wake Forest University School of Medicine, Winston-Salem, NC, USA

7:00 AM - 7:25 AM  Pancreas Transplant: State of the Art
Yolanda Becker, MD
Professor of Surgery
University of Chicago
Chicago, IL, USA

7:25 AM - 7:50 AM  Diagnosis of Antibody-mediated Rejection of the Pancreas Allograft: Morphologic and Immunologic Criteria
Jose Torrealba, MD
Associate Professor, Pathologist
William S. Middleton Memorial Veterans Hospital
Madison, WI, USA

7:50 AM - 8:15 AM  Management and Prognosis of Antibody-mediated Rejection of the Pancreas Allograft
Jon Odorico, MD
Associate Professor of Surgery
University of Wisconsin Hospital and Clinic
Madison, WI, USA

Donor Screening for Infection: New Guidelines and the “Higher Risk” Donor

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Melissa Greenwald, MD, Physician and Researcher, US Food and Drug Administration, Rockville, MD, USA and Michele Morris, MD Associate Professor of Clinical Medicine, University of Miami, Miami Beach, FL, USA

7:00 AM - 7:25 AM  New PHS Guidelines for Donor Screening: What Have We Learned?
Matthew Kuehnert, MD
Liver Transplantation for Hepatocellular Carcinoma: Novel Biomarkers and Therapies

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Moderator:** Norman Kneteman, MD, Adjunct Professor, University of Alberta, Edmonton, AB, Canada and Francis Yao, MD, Professor of Medicine and Surgery, University of California, San Francisco, San Francisco, CA, USA

### 7:00 AM - 7:25 AM
**Biomarkers and Tissue Assays for Predicting Aggressive vs. Nonaggressive Tumors with High or Low Likelihood of Recurrence (pre/post transplant)**
Myron Schwartz, MD
Professor, Surgical Oncology
Mount Sinai School of Medicine
New York, NY, USA

### 7:25 AM - 7:50 AM
**Managing HCC Patients on the Wait-List: Is there Consensus?**
Francis Yao, MD
Professor of Medicine and Surgery
University of California, San Francisco
San Francisco, CA, USA

### 7:50 AM - 8:15 AM
**Post-transplant Strategies to Avoid Recurrent HCC:**
Monitoring and Modifying Therapy
Norman Kneteman, MD
Adjunct Professor
University of Alberta
Edmonton, AB, Canada

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Nurses: Continuing nursing education credit available; see [www.atcmeeting.org](http://www.atcmeeting.org) for more details.
Non-HLA Antibodies in Transplantation: What, Why and When?

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Moderator: Peter Heeger, MD, Professor of Medicine, Mt. Sinai School of Medicine, New York, NY, USA**

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| 7:00 AM - 7:25 AM | Overview of Non-HLA Antigenic Targets in Acute Rejection and Chronic Alligraft Dysfunction  
Minnie Sarwal, MD, PhD, MRCP  
Director, The BIOMARCC Program,  
California Pacific Medical Center Research Institute  
San Francisco, CA, USA |
| 7:25 AM - 7:50 AM | When Does Antibody Develop?  
Annette Jackson, PhD  
Assistant Professor  
Johns Hopkins University  
Baltimore, MD, USA |
| 7:50 AM - 8:15 AM | Why Do We Care?  
Elaine Reed, PhD  
Professor of Pathology and Laboratory Medicine  
University of California, Los Angeles  
Los Angeles, CA, USA |

Novel Mechanisms of Organ Graft Fibrosis

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Moderators: Paul Grimm, MD, Professor, Stanford University Medical Center, Stanford, CA, USA and Isabel Neuringer, MD, Associate Professor of Medicine, University of North Carolina, Chapel Hill, NC, USA**

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| 7:00 AM - 7:25 AM | Innate Immune Mechanisms in Bronchiolitis Obliterans  
Scott Palmer, MD, MHS  
Director, DCRI Pulmonary Research  
Duke University Medical Center  
Durham, NC, USA |
| 7:25 AM - 7:50 AM | New Insights into Hepatic Fibrosis  
Scott Friedman, PhD  
Professor and Chief of Liver Diseases  
The Mount Sinai Medical Center  
New York, NY, USA |
7:50 AM - 8:15 AM  Fibrotic Mechanisms in the Kidney
Jeremy Duffield, MD  
Associate Professor  
University of Washington South Lake Union  
Seattle, WA, USA

Optimizing Medical Adherence: An Ongoing Opportunity to Improve Outcomes after Solid Organ Transplantation

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Vicky Ng, MD FRCPC, Associate Professor of Pediatrics, Hospital for Sick Children, Toronto, ON, Canada and Eyal Shemesh, MD, Chief of the Division of Behavioral and Developmental Health, Mt Sinai School of Medicine, New York, NY, USA

7:00 AM - 7:25 AM  Adherence and Non-adherence in the Pediatric Solid Organ Transplant Recipient: Definitions, Classification and Outcome Measures in 2012
Laura Simons, PhD  
Assistant Professor of Psychology  
Children's Hospital Boston  
Boston, MA, USA

7:25 AM - 7:50 AM  Virtual Communities: An Actual Tool to Identify and Address Non-adherence
Nataliya Zelikovsky, PhD  
Assistant Professor  
Children's Hospital of Philadelphia  
Philadelphia, PA, USA

7:50 AM - 8:15 AM  The New Frontier in Electronic Patient Monitoring
Annette DeVito Dabbs, RN, PhD  
Associate Professor  
University of Pittsburgh  
Pittsburgh, PA, USA

Overcoming Hurdles to Transplantation Tolerance

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Geetha Chalasani, MBBS, Assistant Professor of Medicine, Thomas E. Starzl Transplant Institute, Pittsburgh, PA, USA and Xian Li, MD, PhD, Associate Professor, Brigham and Women's Hospital, Boston, MA, USA
7:00 AM - 7:25 AM  Consequences of Ischemia/Reperfusion Injury, Brain Death and Senescence on Tolerance Induction  
Stefan Tullius, MD, PhD  
Associate Professor  
Brigham and Womens Hospital  
Boston, MA, USA

7:25 AM - 7:50 AM  Genetic Barriers to Tolerance Induction  
Michael Brehm, PhD  
University of Massachusetts Medical School  
Worcester, MA, USA

7:50 AM - 8:15 AM  PRR Signaling and Tolerance Induction  
Daniel Goldstein, MD  
Associate Professor of Medicine  
Yale University  
Woodbridge, CT, USA

Desensitization: State of the Art

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Stanley Jordan, MD, Professor of Medicine & Pediatrics, Cedars-Sinai Medical Center, Los Angeles, CA, USA and Christopher Simpkins, MD, MPH, Assistant Professor of Surgery, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

7:00 AM - 7:25 AM  The Role of Eculizumab in Desensitization  
Mark Stegall, MD  
Professor of Surgery  
Mayo Clinic  
Rochester, MN, USA

7:25 AM - 7:50 AM  Bortezomib and Desensitization  
E. Steve Woodle, MD  
Chair in Surgery, Professor of Surgery  
University of Cincinnati  
Cincinnati, OH, USA

7:50 AM - 8:15 AM  Desensitization in the Context of Kidney Exchange  
Robert Montgomery, MD, PhD  
Professor of Surgery  
Johns Hopkins University  
Baltimore, MD, USA

BREAK

8:15 AM – 8:30 AM
JOINT PLENARY, AST AWARDS AND AST PRESIDENTIAL ADDRESS
8:30 AM – 10:00 AM

The ASTS designates this live activity for a maximum of .75 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

BREAK
10:00 AM – 10:15 AM

CONTROVERSIES IN TRANSPLANTATION – PICK YOUR BATTLE
10:15 AM – 11:00 AM

The ASTS designates this live activity for a maximum of .75 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Molecular Diagnostics
Moderator: William Bennett, MD, Professor of Medicine, Legacy Transplant Services. Portland, OR, USA and Arthur Matas, MD, Professor of Surgery, Children’s Hospital of Pittsburgh, Pittsburgh, PA, USA

10:15 AM – 10:25 AM Pro
Phillip Halloran, MD, PhD, OC
University of Alberta
Edmonton, AB, Canada

10:25 AM – 10:35 AM Con
Seth Karp, MD
Vanderbilt Transplant Center
Nashville, TN, USA

10:35 AM – 10:40 AM Pro – Rebuttal

10:40 AM – 10:45 AM Con – Rebuttal

10:45 AM – 11:00 AM Discussion

Regulatory Environment: Autonomy vs. Regulation
Moderator: John R. Lake, MD, Professor of Medicine and Surgery, University of Minnesota, Minneapolis, MN, USA

10:15 AM – 10:25 AM Regulation
Thomas Hamilton, BA, MA
Director, Survey & Certification
U.S. Center for Medicare and Medicaid Services
Baltimore, MD, USA

10:25 AM – 10:35 AM Autonomy
COFFEE BREAK
11:00 AM – 11:15 AM

MID-DAY SYMPOSIA
11:15 AM – 12:45 PM

Report of the Scientific Registry of Transplant Recipients

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Moderators: Ajay Israni, MD, SRTR, Associate Professor of Medicine, Hennepin County Medical Center, Minneapolis, MN, USA and John R. Lake, MD, Professor of Medicine and Surgery University of Minnesota, Minneapolis, MN, USA

11:15 AM - 11:45 AM  SRTR Year in Review
Bertram Kasiske, MD
Director of Nephrology
Hennepin County Medical Center
Minneapolis, MN, USA

11:45 AM – 12:15 PM  Directions in Liver Allocation
Peter Stock, MD
Professor of Surgery
University of California, San Francisco
San Francisco, CA, USA

12:15 PM – 12:45 PM  Directions in Reporting Center- Specific Results
Jon Snyder, PhD
Senior Epidemiologist
University of Minnesota
Minneapolis, MN, USA
Allotransplants, Cellular Transplants, Organ Repair, and Xenotransplants—A Debate About the Future of Organ Transplantation

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Ira Fox, MD, Director of the Center for Innovative Pediatric Regenerative Therapies, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA and James Markmann, MD, PhD, Chief, Division of Transplantation, Massachusetts General Hospital, Boston, MA, USA

11:15 AM - 11:45 AM  
Next Generation Transplantation: IPS Cells for Tissue Engineering  
Darrell Kotton, MD  
Associate Professor of Medicine and Boston Medical Center  
Boston, MA, USA

11:45 AM - 12:15 PM  
Xenotransplantation of Hepatocytes  
Leo Buhler, MD  
Associate Professor  
University Hospital of Geneva  
Geneva, Switzerland

12:15 PM - 12:45 PM  
Discussion: When Will New Technologies Supplant Allotransplants?  
A. Joseph Tector, MD, PhD  
Chief of Transplant  
Indiana University School of Medicine  
Indianapolis, IN, USA

mTOR Signaling and Memory T-cell Differentiation

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Olivia Martinez, PhD, Professor, Stanford University School of Medicine, Palo Alto, CA, USA and Jonathan Maltzman, MD, PhD, Assistant Professor of Medicine, University of Pennsylvania, Philadelphia, PA, USA

11:15 AM - 11:45 AM  
The Role of mTOR in Memory T-cell Differentiation  
M. Suresh, DVM, PhD  
Professor of Immunology  
University of Wisconsin-Madison  
Madison, WI, USA

11:45 AM - 12:15 PM  
mTOR Regulation of Helper T-cell Differentiation  
Jonathan Powell, MD  
Associate Professor

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12:15 PM - 12:45 PM  
mTOR Regulation of Homeostatic Proliferation Induced Memory CD8 T cells  
Protul Shrikant, PhD  
Associate Professor  
Rosewell Park Cancer Institute  
Buffalo, NY, USA

Protecting the Kidney after Liver Transplantation

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: James Eason, MD, Professor of Surgery, University of Tennessee/Methodist University Hospital Transplant Institute, Memphis, TN, USA and Paul Marotta, MD, Medical Director Liver Transplantation, London Health Sciences Centre, University of Western Ontario, London, ON, Canada

11:15 AM - 11:45 AM  
Perioperative Measures to Preserve Kidney Function  
Michael Ramsay, MD  
Professor  
Baylor University Medical Center  
Dallas, TX, USA

11:45 AM - 12:15 PM  
Is Chronic Kidney Disease Avoidable?  
James Trotter, MD  
Medical Director of Liver Transplantation  
Baylor University Medical Center  
Dallas, TX, USA

12:15 PM - 12:45 PM  
Kidney Injury Biomarkers in Liver Transplantation: Ready for Prime Time?  
Daniel Salomon, MD  
Professor, Molecular and Experimental Medicine  
Scripps Clinic Torrey Pines  
La Jolla, CA, USA

Recent FDA-approved Immunosuppression for Kidney Transplantation and New Agents in Phase I/II Trials

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Moderators: Martha Pavlakis, MD, Associate Professor of Medicine, Beth Israel Deaconess Medical Center, Boston, MA, USA and Rita Alloway, PharmD, Research Professor of Medicine, University of Cincinnati College of Medicine, Cincinnati, OH, USA

11:15 AM - 11:30 AM Everolimus in Kidney Transplantation
Philip O’Connell, MD
Professor
University of Sydney, Westmead Hospital Australia
Westmead, Australia

11:30 AM - 11:45 AM Belatacept in Kidney Transplantation
Robert Gaston, MD
Professor of Medicine and Surgery
University of Alabama at Birmingham
Birmingham, AL, USA

11:45 AM - 12:00 PM Update on Tofacitinib
Stephen Busque, MD
Associate Professor, Director, Adult Kidney and Pancreas Transplant Program
Stanford University
Palo Alto, CA, USA

12:00 PM – 12:15 PM New Phase I/II Agents in Development for Kidney Transplantation
Diane Cibrik, MD, MS
Associate Professor of Medicine
University of Michigan
Ann Arbor, MI, USA

12:15 PM – 12:45 PM Panel Discussion

BREAK
12:45 PM – 1:00 PM

LUNCHEON WORKSHOPS – TICKETED EVENTS
1:00 PM – 2:00 PM

The ASTS designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

16. Controversies in CMV Prevention and Management: Pro and Con
Hans Hirsch, MD, MSc, Professor, Department of Biomedicine, University of Basel / Institute for Medical Microbiology, Basel, Switzerland and David Snydman, MD, Professor of Medicine, Tufts Medical Center, Boston, MA, USA

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
17. New Diagnostic Strategies in Liver Transplantation
Anthony J. Demetris, MD, Professor of Pathology, McGowan Institute for Regenerative Medicine, Pittsburgh, PA, USA and Alberto Sanchez-Fueyo, MD, PhD, Professor in Hepatology, Hospital Clinic Barcelona, Barcelona, Spain

Angela Caliendo, MD, PhD, Professor and Vice Pathology and Laboratory Medicine, Emory University School of Medicine, Atlanta, GA, USA and Jutta Preiksaitis, MD, Professor of Medicine, Provincial Lab Public Health, Edmonton, AB, Canada

19. Interpretation of Donor Specific Antibody Testing and Cross Match Techniques
Peter Nickerson, MD, University of Manitoba, Winnipeg, MB, Canada and Amy B. Hahn, PhD, Associate Professor, Department of Surgery/Director, Transplant Immunology Lab Albany Medical College, Albany, NY, USA

20. Single Port Donor Nephrectomy: Techniques and Outcomes
Rolf Barth, MD, Associate Professor of Surgery, University of Maryland School of Medicine, Baltimore, MD, USA and L. Thomas Chin, MD, Transplant Surgeon, Florida Hospital Transplant Center, Orlando, FL, USA

21. Extended Criteria Liver Donors: DCD and Beyond
Seth Karp, MD, Associate Professor, Vanderbilt Transplant Center, Nashville, TN, USA and Anton Skaro, MD, PhD, Assistant Professor of Surgery, Northwestern Memorial Hospital, Chicago, IL, USA

22. Meet the Experts: Practical Approach to Circulating Antibodies for Patients Awaiting Heart Transplantation….or Making Sense of the Sensitized Patient
Jon Kobashigawa, MD, Associate Director, Cedars-Sinai Heart Institute, Cedars Sinai Heart Institute, Los Angeles, CA, USA and Adriana Zeevi, PhD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

23. UNOS/SRTR Registry Analysis: The Devil is in the Details
Joseph Kim, MD, PhD, MHS, FRCP, Assistant Professor of Medicine, University of Toronto, Toronto, ON, Canada and Jon Snyder, PhD, Senior Epidemiologist, Minneapolis Medical Research Foundation, Minneapolis, MN, USA

Non-Depletional: Ronald Gill, PhD, Professor of Surgery and Immunology, University of Colorado, Denver, CO, USA and Depletional: David Sachs, MD, Director, Transplantation Biology Research Center, Massachusetts General Hospital, Boston, MA, USA

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25. Controversies in Transplant Immunology IV: Does NeoLymphorganogenesis in Allografts Impact Graft Injury and Outcome?
Yes: Fadi Lakkis, MD, Professor of Surgery and Immunology University of Pittsburgh, Pittsburgh, PA, USA and No: William Baldwin, MD, PhD, Staff. Department of Immunology, Cleveland Clinic Foundation, Cleveland, OH, USA

BREAK
2:00 PM – 2:15 PM

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

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FDA SESSION: MEETING THE CHALLENGES OF DRUG DEVELOPMENT IN TRANSPLANTATION

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Marc. W. Cavaillé-Coll, MD, PhD, Medical Officer, Food and Drug Administration, Silver Spring, MD, USA and David Cohen, MD, Professor of Clinical Medicine, Columbia University Medical Center, New York, NY, USA

2:15 PM – 2:30 PM  Orphan Drug Act: History, Perspective and Challenges for the Future
Scott N. Freeman, Ph.D.
Health Science Administrator
Food and Drug Administration, Office of Orphan Products Development
Silver Spring, MD, USA

2:30 PM – 2:45 PM  Clinical Trial Design: From Superiority to Non-Inferiority
Joy D. Mele, MS
Mathematical Statistician
Food and Drug Administration, Center for Drug Evaluation and Research
Silver Spring, MD, USA

2:45 PM – 3:00 PM  Evolution from Fixed Dosing to Therapeutic Drug Monitoring
Philip M. Colangelo, PharmD, PhD
Clinical Pharmacologist Team Leader
Center for Drug Evaluation and Research, US Food and Drug Administration
Silver Spring, MD, USA
3:00 PM – 3:15 PM  Some Considerations in Design of Clinical Trials of Cell Therapies: An FDA Perspective  
Bruce S. Schneider, MD  
Medical Officer Team Leader  
Center for Biologics Evaluation and Research, US Food and Drug Administration  
Silver Spring, MD, USA

3:15 PM – 4:00 PM  Panel Discussion with all Speakers

ALLIED HEALTH SYMPOSIUM III

The Complexity of Transplant Care Partnering with the Medical Community

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Moderator: Ashley Seawright, DNP, Instructor Dept of Surgery, NP Transplant and Hepatobiliary Surgery University of MS Healthcare, Jackson, MS, USA and Deborah Hoch, DNP-ACNP-BC  
Nurse Practitioner Transplantation, Maine Medical Center, Portland, ME, USA

3:00 PM – 3:30 PM  Pain Management: Who is Prescribing?  
Carol May RN, MSN, MBA, CHPN  
Supportive Care Manager  
Children’s Hospital of Pittsburgh  
Pittsburgh, PA, USA

3:30 PM – 4:00 PM  Fraction Prevention and T scores: The Pill Box  
Maria Coco, MD  
Professor of Clinical Medicine  
Albert Einstein, Montefiore  
Bronx, NY, USA

4:00 PM – 4:30 PM  Promoting Health Literacy to Improve Post Transplant Outcomes  
Elisa Gordon, PhD, MPH  
Research Associate Professor  
Northwestern University  
Chicago, IL, USA

CONCURRENT ABSTRACT SESSIONS
4:00 PM – 5:30 PM

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POSTER SESSION IV
5:30 PM – 6:30 PM
ASTS BUSINESS MEETING
6:00 PM – 7:00 PM

ATC NIGHT OUT
9:00 PM – 12:00 AM

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Wednesday, June 6, 2012

SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

Advances in Cellular Xenotransplantation

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Joseph Tector, MD, PhD, Chief of Transplant, Indiana University School of Medicine, Indianapolis, IN, USA and Leo Buhler, MD, Associate Professor University Hospital of Geneva, Geneva, Switzerland

7:00 AM - 7:25 AM  Treatment of Parkinson’s Disease in Monkey’s with Transplanted Pig Cells
Emanuele Cozzi, MD
Director, Transplant Immunology Unit
University of Padua Ospedale Giustinianeo
Padova, Italy

7:25 AM - 7:50 AM  Transplantation of Mesenchymal Stem Cells from Genetically-Engineered Swine
Mohamed Ezzelarab, MD
Research Assistant Professor
Thomas E. Starzl Transplantation Institute
Pittsburgh, PA, USA

7:50AM - 8:15 AM  Pancreatic Islet Xenotransplantation
Pierre Gianello, MD, PhD
Professor
Universite Catholique de Louvain
Brussels, Belgium

Advances in Islet Transplantation

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Ronald Gill, PhD, Professor of Surgery and Immunology, University of Colorado, Aurora, CO, USA and Dixon Kaufman, MD, PhD, Professor and Chief, University of Wisconsin, Madison, WI, USA

7:00 AM - 7:25 AM  Results of the Clinical Islet Transplantation (CIT) Consortium
Andrew Posselt, MD, PhD
Associate Professor of Surgery

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University of California, San Francisco
San Francisco, CA, USA

7:25 AM - 7:50 AM
Progress and Challenges in Islet Transplantation
James Shapiro, MD, PhD, FRS
Director, Clinical Islet Transplant Program, Professor of Surgery, Medicine and Surgical Oncology
University of Alberta Hospital
Edmonton, AB, Canada

7:50 AM - 8:15 AM
Testing of Novel Islet Transplantation Protocols in Non-Human Primates
Christian Larsen, MD
Professor and Chairman, Department of Surgery
Emory University
Atlanta, GA, USA

Maximizing Organ Donation in the Hispanic Community

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Scott Sanoff, MD, MPH, Assistant Professor of Medicine, University of Virginia Health System, Charlottesville, VA, USA and Titte Srinivas, MD, Staff Physician, Cleveland Clinic Foundation, Cleveland, OH, USA

7:00 AM - 7:25 AM
The Current State of Organ Donation in the Hispanic Community
Eusebio Alvaro, MD
Research Associate Professor
Claremont Graduate University
Claremont, CA, USA

7:25 AM - 7:50 AM
Enhancing Cultural Competency in Hispanic Organ Donation
Kimberly Jacob Arriola, PhD, MPH
Associate Professor
Rollins School of Public Health of Emory University
Atlanta, GA, USA

7:50 AM - 8:15 AM
Increasing Organ Donation and Enhancing Transplant Outcomes in the Hispanic Population: A Transplant Center– Based Approach
Javier Chapochnick Freidmann, MD
Transplant Surgeon-Assistant Professor of Surgery
Montefiore-Einstein Transplant Center
Bronx, NY, USA

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Protective Genes and Transplant Ischemia-Reperfusion Injury

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Douglas Hanto, MD, PhD, Professor of Surgery, Beth Israel Deaconess Medical Center, Boston, MA, USA and Stefan Tullius, MD, PhD, Associate Professor, Brigham and Womens Hospital, Boston, MA, USA

7:00 AM - 7:25 AM Protective Genes in Liver Ischemia/Reperfusion Injury
Jerzy Kupiec-Weglinski, MD, PhD
Professor, Surgery, Pathology and Laboratory Medicine
University of California, Los Angeles
Los Angeles, CA, USA

7:25 AM - 7:50 AM CD39 and Purinergic Signaling in Ischemia-Reperfusion Injury
Simon Robson, MD
Physician Scientist and Researcher
Beth Israel Deaconess Medical Center
Boston, MA, USA

7:50 AM - 8:15 AM MicroRNAs in Tissue Injury and Repair
John Iacomini, PhD
Professor of Pathology
Tufts Medical School, Tufts Medical Center
Boston, MA, USA

They Supply Them and You Buy Them: Where are We With Transplant Tourism?

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Craig Myrick, RN, CPTC, Clinical Director, Intermountain Donor Services, Salt Lake City, UT, USA and Linda Ohler, MSN, RN, CCTC, Georgetown University, Washington DC, USA

7:00 AM - 7:25 AM Where is it Today?
Francis Delmonico, MD
Clinical Professor of Surgery
Massachusetts General Hospital
Boston, MA, USA

7:25 AM - 7:50 AM Sold to the Highest Bidder
Katrina Bramstedt, PhD
Transplant Ethicist
California Transplant Donor Network
Oakland, CA, USA

7:50 AM - 8:15 AM

Sentenced to Donation?
John Fung, MD, PhD
Chairman Digestive Disease Institute
Cleveland Clinic Foundation
Cleveland, OH, USA

Clinico-pathological Conference “Diagnostic Challenges in Transplantation”

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Michael Mengel, MD, Associate Professor, University of Alberta, Edmonton, AB, Canada and Patricia Campbell, MD, Professor, Division of Nephrology and Transplant Immunology, University of Alberta, Edmonton, AB, Canada

Case #1: A Kidney Transplant Patient with Rising Serum Creatinine, BK Viremia, and Severe Tubulitis at Allograft Biopsy: How Should I Treat This Patient?

7:00 AM – 7:07 AM

Clinical Case Presentation
Alexander Wiseman, MD
Associate Professor, Division of Renal Diseases and Hypertension
University of Colorado Denver Health Science Center
Aurora, CO, USA

7:07 AM – 7:16 AM

Diagnostician Discussion – Monitoring and Therapy
Atul Humar, MD, MSC
Associate Professor of Medicine
University of Alberta
Edmonton, AB, Canada

7:16 AM – 7:25 AM

Diagnostician Discussion – Pathology Slides
Parmjeet Randhawa, MD
Professor of Pathology
University of Pittsburgh
Pittsburgh, PA, USA

Case #2: A Difficult Case of Antibody-mediated Rejection

7:25 AM – 7:32 AM

Clinical Case Presentation
Vineeta Kumar, MD
Assistant Professor, Associate Director Transplant Nephrology Fellowship Program
7:32 AM – 7:41 AM  Diagnostician Discussion – Histocompatibility
Howard Gebel, PhD
Professor Pathology & Laboratory Medicine
Emory University
Atlanta, GA, USA

7:41 AM – 7:50 AM  Diagnostician Discussion – Pathology
Brad Farris, MD
Assistant Professor
Emory University
Atlanta, GA, USA

Case #3: Rejection or Accommodation in an Infant After Heart Transplantation

7:50 AM – 7:57 AM  Clinical Case Presentation
Lori West, MD
Professor/Director of Heart Transplantation Research
University of Alberta
Edmonton, AB, Canada

7:57 AM – 8:06 AM  Diagnostician Discussion – Histocompatibility
Robert S Liwski, MD, PhD
Associate Professor of Pathology; Medical Director, HLA Laboratory
Dalhousie University
Halifax, NS, Canada

8:06 AM – 8:15 AM  Diagnostician Discussion – Pathology
Rene Rodriguez, MD
Professor of Pathology
Cleveland Clinic Foundation
Cleveland, OH, USA

Transplant Finance – Avoiding Lost Opportunities

The ASTS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Moderators: Jeremy Goodman, Assistant Professor of Surgery, University of Alabama at Birmingham, Birmingham, AL, USA and David A. Axelrod, MD, Assistant Professor of Surgery Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

7:00 AM - 7:25 AM  Transplant Center Development and Maximizing Revenue Streams

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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.
Marwan Abouljoud, MD  
Director Transplant Institute  
Henry Ford Hospital  
Detroit, MI, USA

7:25 AM - 7:50 AM  
Transplant Administrators Perspective  
Robert Teaster, RN, MBA, CPTC  
Director of Transplant Services  
University of Virginia  
Charlottesville, VA, USA

7:50 AM - 8:15 AM  
Clinical Trials and Transplant Finance  
Timothy Schroeder, PhD  
President and CEO  
CTI Consulting  
Blue Ash, OH, USA

BREAK  
8:15 AM – 8:30 AM

JOINT PLENARY AND AWARDS  
8:30 AM – 11:00 AM

The ASTS designates this live activity for a maximum of 2.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

BREAK  
11:00 AM – 11:15 AM

CONCURRENT ABSTRACT SESSIONS  
11:15 AM – 12:45 PM

The ASTS designates this live activity for a maximum of 1.5 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

BREAK  
12:45 PM – 1:00 PM

WHAT’S HOT, WHAT’S NEW

The ASTS designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

1:00 PM – 2:00 PM

Moderators: Kim Olthoff, MD, Professor of Surgery, Director Liver Transplant Program, Penn Transplant Institute, University of Pennsylvania, Philadelphia, PA, USA and Roslyn Mannon
MD, Professor of Medicine and Surgery, University of Alabama at Birmingham, Birmingham, AL, USA

1:00 PM – 1:30 pm  **Basic**
Jay Fishman, MD  
Co-Director, Massachusetts General Hospital Transplant Center  
Harvard Medical School  
Boston, MA, USA

1:30 PM – 2:00 PM  **Clinical**
Abhinav Humar, MD  
Chief of Transplantation  
University of Pittsburgh Medical Center  
Pittsburgh, PA, USA

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