

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*

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| 8:00 AM - 8:30 AM | State-of-the-Art Assays to Assess Rejection Risk
<i>Anat Tambur, DMB, PhD
Director, Transplant Immunology Lab
Northwestern University
Chicago, IL, USA</i> |
| 8:30 AM - 9:00 AM | The Preoperative Plan: Management of Immunosuppression in the Transplant Recipient with a Prior History of Cancer
<i>Brenda Appolo, PA
Hepatology Physician Assistant
University of Pennsylvania
Philadelphia, PA, USA</i> |
| 9:00 AM - 9:30 AM | Novel Ways to Manage Polypharmacy Post-transplantation
<i>Debra Sudan, MD
Professor of Surgery
Duke University Medical Center
Durham, NC, USA</i> |
| 9:30 AM - 10:00 AM | Preoperative Evaluation and Plan for the HIV-positive Liver Organ Candidate
<i>Peter Stock, MD, PhD
Professor of Surgery
University of California, San Francisco
San Francisco, CA, USA</i> |
| 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

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| 10:30 AM - 11:00 AM | Peritransplant Anticoagulation: What is the Data?
<i>John Vella, MD</i>
<i>Director, Nephrology and Transplantation</i>
<i>Maine Medical Center</i>
<i>Portland, ME, USA</i> |
| 11:00 AM - 11:30 AM | The High Risk Cardiovascular Recipient
<i>Kian Modanlou, MD</i>
<i>Assistant Professor of Surgery</i>
<i>University of Tennessee</i>
<i>Memphis, TN, USA</i> |
| 11:30 AM - 12:00 PM | The Diabetic Recipient: Management of Perioperative Glucose - Does it Matter ?
<i>Raja Kandaswamy, MBBS</i>
<i>Professor of Surgery</i>
<i>University of Minnesota</i>
<i>Minneapolis, MN, USA</i> |
| 12:00 PM - 12:30 PM | Postoperative Monitoring of High PRA's
<i>Francesca Egidi, MD</i>
<i>Professor of Medicine</i>
<i>Medical University of South Carolina</i>
<i>Charleston, SC, USA</i> |
| 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

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.

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

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| 8:00 AM – 8:30 AM | TAM Receptors and TLRs Regulating Adaptive Immune Responses
<i>Greg Lemke, PhD</i>
<i>Professor, Salk Institute</i>
<i>La Jolla, CA, USA</i> |
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- 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 Hébert, 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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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

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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

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| 10:30 AM – 11:00 AM | UNOS By-laws and Policies
<i>David Kappus, MAS</i>
<i>Membership Director</i>
<i>UNOS</i>
<i>Richmond, VA, USA</i> |
| 11:00 AM – 11:30 AM | UNOS Membership and Professional Standards Committee
Overview; Requirements for Medical and Surgical Directors (Key
Personnel Requirements)
<i>David Kappus, MAS</i>
<i>Membership Director</i>
<i>UNOS</i>
<i>Richmond, VA, USA</i> |
| 11:30 AM – 12:00 PM | Case Report – Site Survey Preparation and Process
<i>Felicia Castro, MPA</i>
<i>Regulatory Compliance Manager</i>
<i>New York Presbyterian Hospital</i>
<i>New York, NY, USA</i> |
| 12:00 PM – 12:30 PM | Case Report - Maintaining Compliance
<i>Gwen McNatt, MS, CNN</i>
<i>Director, Kovler Organ Transplantation Center</i>
<i>Northwestern Memorial Hospital</i>
<i>Chicago, IL, USA</i> |
| 12:30 PM – 1:30 PM | Lunch on Your Own |

CMS Regulations – Requirements for Medicare Certification of Transplant Programs

Moderators: Alexander Aussi, BSN, RN, MBA, Service Line Administrator, University of California, San Diego, San Diego, CA, USA and Margaret Davidson, Transplant Compliance Manager Ochsner Multi-Organ Transplant Institute, New Orleans, LA, USA

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| 1:30 PM – 2:00 PM | Overview of CMS Regulations for Certification of
Transplant Programs
<i>Timothy Pruett, MD</i>
<i>Professor of Surgery and Internal Medicine</i>
<i>University of Minnesota</i>
<i>Minneapolis, MN, USA</i> |
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- 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

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*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*

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| 8:00 AM – 8:30 AM | How Does Rejection Occur?
<i>Fadi Lakkis, MD
Professor of Surgery and Immunology
University of Pittsburgh
Pittsburgh, PA, USA</i> |
| 8:30 AM – 9:00 AM | Overview of Innate Immunity and Its Clinical Applications
<i>William Baldwin, MD, PhD
Staff Department of Immunology
Cleveland Clinic Foundation
Cleveland, OH, USA</i> |
| 9:00 AM – 9:30 AM | Why T-Cell Activation Matters: Applications to Human Transplant Recipients
<i>Stuart Knechtle, MD
Professor Department of Surgery
Emory University
Atlanta, GA, USA</i> |
| 9:30 AM – 10:00 AM | B Cells and Plasma Cells: The Biology Behind the New Therapies
<i>Lori West, MD, PhD
Professor/Director of Heart Transplantation Research
University of Alberta at Edmonton
Edmonton, AB, Canada</i> |
| 10:00 AM – 10:30 AM | Break |

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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

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

- 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 ? <i>Hugo Rosen, MD Professor of Medicine University of Colorado Aurora, CO, USA</i>
1:30 PM - 2:00 PM	Update on HCV Infection: Current and Future Antiviral Therapies and Management Strategies <i>Gregory Everson, MD Professor of Medicine University of Colorado Health Science Center Aurora, CO, USA</i>
2:00 PM - 2:30 PM	Update on Hepatitis B Infection: The Success of Antivirals <i>Robert Gish, MD Professor of Clinical Medicine University of California, San Diego San Diego, CA, USA</i>
2:30 PM - 3:00 PM	Viral Hepatitis in Non-hepatic Organ Transplantation <i>Josh Levitsky, MD Associate Professor Northwestern University, Feinberg School of Medicine Chicago, IL, USA</i>
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 <i>Kenneth Washburn, MD</i>
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*Associate Professor of Surgery
University of Texas Health Science Center
San Antonio, TX, USA*

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*

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- 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
Stacey 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

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ATC 2012 Annual Meeting

OPENING RECEPTION AND EXHIBITS

5:30 PM - 7:00 PM

POSTER SESSION I

5:30 PM – 7:00 PM

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Sunday, June 3, 2012

SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

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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

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| 7:00 AM - 7:25 AM | Tolerance Induction Strategies in Liver Transplantation:
An Update
<i>Alberto Sanchez-Fueyo, MD, PhD</i>
<i>Professor in Hepatology</i>
<i>Hospital Clinic Barcelona</i>
<i>Barcelona, Spain</i> |
| 7:25 AM - 7:50 AM | Identifying the Tolerant Organ Transplant Recipient
<i>Sophie Brouard, PhD</i>
<i>Director of Research</i>
<i>Itert Inserm</i>
<i>Nantes, France</i> |
| 7:50 AM - 8:15 AM | Tolerance Induction Strategies in Kidney Transplantation: A
Review
<i>Kenneth Newell, MD, PhD</i>
<i>Professor of Surgery</i>
<i>Emory University School of Medicine</i>
<i>Atlanta, GA, USA</i> |

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

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| 7:00 AM - 7:25 AM | Immunology of VCA
<i>Suzanne Ildstad, MD</i>
<i>Director, Institute for Cellular Therapeutics</i>
<i>University of Louisville</i>
<i>Louisville, KY, USA</i> |
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- 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 - Universitätsmedizin 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

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.

*Associate Clinical Professor of Medicine
Cedars-Sinai Medical Center
Los Angeles, CA, USA*

7:25 AM - 7:50 AM Emerging Infections in Lung Transplant Recipients
*Francisco Marty, MD
Assistant Professor of Medicine
Brigham and Women's Hospital
Boston, MA, USA*

7:50 AM - 8:15 AM 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. Lusk, MPA, New England Organ Bank, Waltham, MA, USA

7:00 AM - 7:25 AM Transplant Outcomes Assessment and Center Behavior
*Jesse Schold, PhD
Director Outcomes Research
Cleveland Clinic Foundation
Cleveland, OH, USA*

7:25 AM - 7:50 AM Loss Aversion and Organ Utilization Decisions
*Kurt Schnier, PhD.
Associate Professor
Georgia State University
Atlanta, GA, USA*

7:50 AM - 8:15 AM 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*

7:00 AM - 7:25 AM Overview of Current and Future Immunosuppression
Strategies in Liver Recipients
John O'Grady, MD

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

*Professor
King's College Hospital
London, United Kingdom*

7:25 AM - 7:50 AM Minimizing the Toll of Long-term Immunosuppression
*Sandy Feng, MD, PhD
Professor of Surgery
University of California, San Francisco
San Francisco, CA, USA*

7:50 AM - 8:15 AM 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

7:00 AM - 7:25 AM What are Risk Evaluation and Mitigation Strategies (REMS)
*Rita Alloway, PharmD
Research Professor of Medicine
University of Cincinnati College of Medicine
Cincinnati, OH, USA*

7:25 AM - 7:50 AM REMS in Transplantation
*Steven Gabardi, PharmD, BCPS
Abdominal Organ Transplant Clinical Specialist
Brigham and Women's Hospital
Boston, MA, USA*

7:50 AM - 8:15 AM 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

7:00 AM - 7:25 AM 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.

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

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

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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

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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

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|---------------------|--|
| 11:00 AM - 11:30 AM | Directing Dendritic Cells Out of Peripheral Tissues
<i>Miriam Merad, MD, PhD</i>
<i>Professor of Medicine and Oncological Science</i>
<i>Mount Sinai School of Medicine</i>
<i>New York, NY, USA</i> |
| 11:30 AM - 12:00 PM | Dynamics of Dendritic Cells Interactions with RFC and T Cells in the Lymph Node
<i>Heather Hickman, PhD</i>
<i>NIAID, National Institutes of Health</i>
<i>Bethesda, MD</i> |
| 12:00 PM – 12:30 PM | Handing Antigens Off from FDC to Resident DC in Lymph Nodes
<i>Adrian Erlebacher, MD, PhD</i>
<i>Assistant Professor</i>
<i>New York University Cancer Institute</i>
<i>New York, NY, USA</i> |

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

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|---------------------|---|
| 11:00 AM - 11:30 AM | The Nonimmune Concept of “Self” – Psychosocial Issues in the Evaluation and Long-term Outcome of Hand and Face Allograft Recipients.
<i>Mary Amanda Dew, PhD</i>
<i>Professor of Psychiatry, Psychology, Epidemiology and Biostatistics</i>
<i>McGowan Institute for Regenerative Medicine</i>
<i>Pittsburgh, PA, USA</i> |
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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.

- 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

BREAK

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

3. Malignancy Transmission in Solid Organ Transplantation: Case Studies with US and International Perspectives

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

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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

9. Meet the Experts: Novel Strategies in Lung Transplantation: Ex-Vivo Lung Repair/ Immunosuppression in the Current Era

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 Najj, 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.

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TRANSPLANTATION IN DEPTH – CLINICAL

2:15 PM – 5:00 PM

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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San Francisco, CA, USA

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 <i>Alan Jardine, MD</i> <i>Professor of Renal Medicine</i> <i>University of Glasgow</i> <i>Lanarkshire, United Kingdom</i>
3:20 PM – 3:40 PM	Diabetes Management in Transplantation: How Tight for How Long? <i>Steven Chadban, PhD</i> <i>Clinical Professor</i> <i>The University of Sydney</i> <i>Sydney, Australia</i>
3:40 PM – 4:00 PM	Avoiding Infection: Vaccines and Lifestyle after Transplantation <i>Robin K. Avery, MD</i> <i>Professor of Medicine</i> <i>Cleveland Clinic Foundation</i> <i>Cleveland, OH, USA</i>
4:00 PM – 4:20 PM	Cancer Prevention and Screening: How Big is the Risk? <i>Bryce A. Kiberd, MD</i> <i>Professor of Medicine</i> <i>Dalhousie University</i> <i>Halifax, NS, Canada</i>
4:20 PM – 4:40 PM	Discussion

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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
<i>Thomas Peters, MD</i>
<i>Professor of Surgery</i>
<i>Jacksonville Transplant Center</i>
<i>Jacksonville, FL, USA</i> |
| 2:30 PM - 2:45 PM | Immunosuppression: Because We Haven't Quite Figured Out Tolerance
<i>Rita Alloway, PharmD, FCCP</i>
<i>Research Professor of Medicine</i>
<i>University of Cincinnati, College of Medicine</i>
<i>Cincinnati, OH, USA</i> |
| 2:45 PM - 3:00 PM | Transplant Surgery: The Most Invasive Thing You Can Do To Someone
<i>Charles Miller, MD</i>
<i>Director Liver Transplant Program</i>
<i>Cleveland Clinic Foundation</i>
<i>Cleveland, OH, USA</i> |
| 3:00 PM - 3:15 PM | Transplant Nephrology: Urine is Golden
<i>Robert Gaston, MD</i>
<i>Professor of Medicine and Surgery</i>
<i>University of Alabama at Birmingham</i>
<i>Birmingham, AL, USA</i> |
| 3:15 PM - 3:30 PM | Coffee Break and Mingle with Faculty |
| 3:30 PM - 3:45 PM | Transplant Hepatology: No Other Option
<i>Norah Terrault, MD, MPH</i> |

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

*Professor of Medicine
University of California, San Francisco
San Francisco, CA, USA*

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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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*

*Jonathan Bromberg, MD, PhD
Professor of Surgery and Microbiology and Immunology
University of Maryland School of Medicine
Baltimore, MD, USA*

*John Iacomini, PhD
Professor of Pathology
Tufts Medical Center, Tufts University
Boston, MA, USA*

*Ken Newell, MD PhD
Professor of Surgery
Emory University School of Medicine
Atlanta, GA, USA*

*David Sachs, MD
Director, Transplantation Biology Research Center, Professor of
Surgery
Massachusetts General Hospital
Boston, MA, USA*

Pharmacy:

*Bob Dupuis, PharmD, FCCP, BCPS
Clinical Associate Professor
University of North Carolina at Chapel Hill
Eshelman School of Pharmacy
Chapel Hill, NC, USA*

*Christin Rogers, PharmD, FCCP, BCPS
Clinical Pharmacy Coordinator - Solid Organ Transplant
Beth Israel Deaconess Medical Center
Boston, MA*

*Lyndsey J. Bowman, PharmD, BCPS
Clinical Pharmacist, Kidney and Liver Transplant
Director, PGY2 Solid Organ Transplant Residency Program
Barnes-Jewish Hospital
St. Louis, MO*

*Samir J. Patel, PharmD, BCPS
Clinical Pharmacist - Solid Organ Transplant
Director, PGY2 Solid Organ Transplant Residency Program
The Methodist Hospital
Houston, TX*

*Teena Sam, PharmD
Transplant Specialty Resident
Yale - New Haven Medical Center
New Haven, CT, 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.

CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 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.

POSTER SESSION II

5:30 PM – 6:30 PM

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Monday, June 4, 2012

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?
<i>David Baran, MD</i>
<i>Clinical Associate Professor of Medicine</i>
<i>Newark Beth Israel Medical Center</i>
<i>Livingston, NJ, USA</i> |
| 7:25 AM - 7:50 AM | Induction Therapy Revisited: Has Alemtuzumab Made a Difference?
<i>Jeffrey Teuteberg, MD</i>
<i>Assistant Professor</i>
<i>University of Pittsburgh</i>
<i>Pittsburgh, PA, USA</i> |
| 7:50 AM - 8:15 AM | Where Do the mTor Inhibitors Fit In?
<i>Howard Eisen, MD</i>
<i>Professor of Medicine, Chief, Division of Cardiology</i>
<i>Drexel University College of Medicine</i>
<i>Philadelphia, PA, USA</i> |

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
<i>David J. Kramer MD</i>
<i>Critical Care Medicine, Internal Medicine</i>
<i>Aurora Medical Group</i>
<i>Milwaukee, WI, USA</i> |
|-------------------|--|

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

- 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

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*University of Nebraska Medical Center
Omaha, NE, USA*

Updates in Transplant Psychiatry

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: Silvia Hafliger, MD, Assistant Clinical Professor, New York Presbyterian Hospital, New York, NY, USA and Paula Zimbrea, 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 <i>Swapna Vaidya, MD Director Transplant Psychiatry Mount Sinai School of Medicine New York, NY, USA</i>
7:25 AM - 7:50 AM	Addiction and Liver Transplantation: Review of Current Evidence <i>Paula Zimbrea, MD Assistant Professor Yale School of Medicine New Haven, CT, USA</i>
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 <i>Silvia Hafliger, MD Assistant Clinical Professor New York Presbyterian Hospital New York, NY, USA</i>

Kidney Paired Donation: Lessons, Finances, and Progress

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: 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	<i>Kenneth Andreoni, MD Associate Professor</i>
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*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

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.

7:00 AM – 8:15 AM

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

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

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.

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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

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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*

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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

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

- 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

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

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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, FRCPC, 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

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- 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

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ALLIED HEALTH SYMPOSIUM II

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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

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|-------------------|--|
| 3:00 PM – 3:30 PM | BK Polyomavirus: Have We Made Progress?
<i>Hans Hirsch, MD</i>
<i>Professor, Department of Biomedicine</i>
<i>Institute for Medical Microbiology</i>
<i>Basel, Switzerland</i> |
| 3:30 PM – 4:00 PM | Advances in the Prevention and Treatment of Fungal Infection
<i>Michele Morris, MD</i>
<i>Associate Professor of Clinical Medicine</i>
<i>University of Miami</i>
<i>Miami Beach, FL, USA</i> |
| 4:00 PM – 4:30 PM | Managing HIV Transplantation: The Basics
<i>Christin Rogers, PharmD</i>
<i>Clinical Coordinator, Solid Organ Transplant</i>
<i>Beth Israel Deaconess Medical Center</i>
<i>Boston, MA, USA</i> |

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

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Tuesday, June 5, 2012

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
<i>Yolanda Becker, MD</i>
<i>Professor of Surgery</i>
<i>University of Chicago</i>
<i>Chicago, IL, USA</i> |
| 7:25 AM - 7:50 AM | Diagnosis of Antibody-mediated Rejection of the Pancreas Allograft: Morphologic and Immunologic Criteria
<i>Jose Torrealba, MD</i>
<i>Associate Professor, Pathologist</i>
<i>William S. Middleton Memorial Veterans Hospital</i>
<i>Madison, WI, USA</i> |
| 7:50 AM - 8:15 AM | Management and Prognosis of Antibody-mediated Rejection of the Pancreas Allograft
<i>Jon Odorico, MD</i>
<i>Associate Professor of Surgery</i>
<i>University of Wisconsin Hospital and Clinic</i>
<i>Madison, WI, USA</i> |

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?
<i>Matthew Kuehnert, MD</i> |
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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.

*Director, Office of Blood, Organ, and Other Tissue Safety
Centers for Disease Control and Prevention
Atlanta, GA, USA*

7:25 AM - 7:50 AM **New Rules for Donor Testing: What Do We Really Need?**
*Richard Freeman, MD
Professor and Chair
Dartmouth Medical School
Hanover, NH, USA*

7:50 AM - 8:15 AM **Transplantation from HBV and HCV Positive Donors:
Experience and Challenges**
*Paolo Grossi, MD, PhD
Professor of Infectious Diseases
Universita degli Studi dell'Insubria
Varese, Italy*

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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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
<i>Minnie Sarwal, MD, PhD, MRCP</i>
<i>Director, The BIOMARCC Program,</i>
<i>California Pacific Medical Center Research Institute</i>
<i>San Francisco, CA, USA</i> |
| 7:25 AM - 7:50 AM | When Does Antibody Develop?
<i>Annette Jackson, PhD</i>
<i>Assistant Professor</i>
<i>Johns Hopkins University</i>
<i>Baltimore, MD, USA</i> |
| 7:50 AM - 8:15 AM | Why Do We Care?
<i>Elaine Reed, PhD</i>
<i>Professor of Pathology and Laboratory Medicine</i>
<i>University of California, Los Angeles</i>
<i>Los Angeles, CA, USA</i> |

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
<i>Scott Palmer, MD, MHS</i>
<i>Director, DCRI Pulmonary Research</i>
<i>Duke University Medical Center</i>
<i>Durham, NC, USA</i> |
| 7:25 AM - 7:50 AM | New Insights into Hepatic Fibrosis
<i>Scott Friedman, PhD</i>
<i>Professor and Chief of Liver Diseases</i>
<i>The Mount Sinai Medical Center</i>
<i>New York, NY, USA</i> |

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

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

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

- 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

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

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

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

10:35 AM – 10:40 AM Pro – Rebuttal

10:40 AM – 10:45 AM Con – Rebuttal

10:45 AM – 11:00 AM Discussion

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

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: 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*

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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

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|---------------------|---|
| 11:15 AM - 11:45 AM | Next Generation Transplantation: IPS Cells for Tissue Engineering
<i>Darrell Kotton, MD</i>
<i>Associate Professor of Medicine and Boston Medical Center</i>
<i>Boston, MA, USA</i> |
| 11:45 AM - 12:15 PM | Xenotransplantation of Hepatocytes
<i>Leo Buhler, MD</i>
<i>Associate Professor</i>
<i>University Hospital of Geneva</i>
<i>Geneva, Switzerland</i> |
| 12:15 PM - 12:45 PM | Discussion: When Will New Technologies Supplant Allotransplants ?
<i>A. Joseph Tector, MD, PhD</i>
<i>Chief of Transplant</i>
<i>Indiana University School of Medicine</i>
<i>Indianapolis, IN, USA</i> |

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

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|---------------------|--|
| 11:15 AM - 11:45 AM | The Role of mTOR in Memory T-cell Differentiation
<i>M. Suresh, DVM, PhD</i>
<i>Professor of Immunology</i>
<i>University of Wisconsin-Madison</i>
<i>Madison, WI, USA</i> |
| 11:45 AM - 12:15 PM | mTOR Regulation of Helper Tcell Differentiation
<i>Jonathan Powell, MD</i>
<i>Associate Professor</i> |

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*Johns Hopkins Hospital
Baltimore, MD, USA*

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

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

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 Snyderman, MD, Professor of Medicine, Tufts Medical Center, Boston, MA, USA

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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

18. Diagnostic Testing in Transplant Infectious Disease: International Standards and New Assays

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

24. Controversies in Transplant Immunology III: Depletional vs. Non-Depletional Induction: Which is the More Efficacious Strategy for the Induction of Robust, Long-Term Tolerance in Transplantation?

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

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Moderators: Marc. W. Cavallé-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

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- 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

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.

POSTER SESSION IV

5:30 PM – 6:30 PM

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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

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| 7:00 AM - 7:25 AM | Treatment of Parkinson's Disease in Monkey's with Transplanted Pig Cells
<i>Emanuele Cozzi, MD</i>
<i>Director, Transplant Immunology Unit</i>
<i>University of Padua Ospedale Giustiniano</i>
<i>Padova, Italy</i> |
| 7:25 AM - 7:50 AM | Transplantation of Mesenchymal Stem Cells from Genetically-Engineered Swine
<i>Mohamed Ezzelarab, MD</i>
<i>Research Assistant Professor</i>
<i>Thomas E. Starzl Transplantation Institute</i>
<i>Pittsburgh, PA, USA</i> |
| 7:50AM - 8:15 AM | Pancreatic Islet Xenotransplantation
<i>Pierre Gianello, MD, PhD</i>
<i>Professor</i>
<i>Universite Catholique de Louvain</i>
<i>Brussels, Belgium</i> |

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

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|-------------------|---|
| 7:00 AM - 7:25 AM | Results of the Clinical Islet Transplantation (CIT) Consortium
<i>Andrew Posselt, MD, PhD</i>
<i>Associate Professor of Surgery</i> |
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Nurses: Continuing nursing education credit available; see www.atcmeeting.org for more details.

*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

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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

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| 7:00 AM - 7:25 AM | Protective Genes in Liver Ischemia/Reperfusion Injury
<i>Jerzy Kupiec-Weglinski, MD, PhD</i>
<i>Professor, Surgery, Pathology and Laboratory Medicine</i>
<i>University of California, Los Angeles</i>
<i>Los Angeles, CA, USA</i> |
| 7:25 AM - 7:50 AM | CD39 and Purinergic Signaling in Ischemia-Reperfusion Injury
<i>Simon Robson, MD</i>
<i>Physician Scientist and Researcher</i>
<i>Beth Israel Deaconess Medical Center</i>
<i>Boston, MA, USA</i> |
| 7:50 AM - 8:15 AM | MicroRNAs in Tissue Injury and Repair
<i>John Iacomini, PhD</i>
<i>Professor of Pathology</i>
<i>Tufts Medical School, Tufts Medical Center</i>
<i>Boston, MA, USA</i> |

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

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| 7:00 AM - 7:25 AM | Where is it Today?
<i>Francis Delmonico, MD</i>
<i>Clinical Professor of Surgery</i>
<i>Massachusetts General Hospital</i>
<i>Boston, MA, USA</i> |
| 7:25 AM - 7:50 AM | Sold to the Highest Bidder
<i>Katrina Bramstedt, PhD</i>
<i>Transplant Ethicist</i> |

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*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*

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

*University of Alabama at Birmingham
Birmingham, AL, USA*

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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*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

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

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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