

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Saturday, May 30, 2009

8:00 AM – 5:30 PM Pre-Meeting Morning/Full Day Symposia

- Page 59* **#1-Essential Immunology for the Clinician**
Ballroom B
- Page 59* **#2-Clinical Updates and Donor Derived Infectious Disease**
Room 302/304
- Page 60* **#3-Transplantation Immunology for Basic Scientists**
Ballroom C
- Page 60* **#4-Hot Topics in Infectious Disease and Donor-Derived Infections: Emerging Challenges and Potential Solutions**
Room 311

12:30 PM – 1:30 PM Industry-Supported Satellite Symposium

- Page 61* **The Systems Biology of Clinical Organ Transplantation**
Room 312

1:15 PM – 5:30 PM Pre-Meeting Afternoon/Half Day Symposia

- Page 61* **#5-Pediatric Transplantation**
Room 309
- Page 61* **#6-Management of Liver Cancer in Liver Transplantation**
Room 306
- Page 62* **#7-Hot Topics for the Transplant Professional Clinician Group**
Room 310
- Page 62* **#8-The Business of Transplantation: Key Success Factors for Establishing or Expanding a Transplant Program**
Room 210

4:00 AM – 5:30 AM ATC New Investigator Career Highlight Forum

- Page 62* **Parallel #1: Basic Science**
Room 312
- Page 63* **Parallel #2: Clinical Science**
Ballroom A
- 5:30 PM – 7:00 PM Opening Reception with Exhibits and Poster Session I**
Exhibit Hall C
- Page 151* **Economics, Public Policy, Allocation, and Ethics**
- Page 152* **Inflammation and Drug Toxicity**
- Page 154* **Innate Immunity: Chemokines, Cytokines**
- Page 156* **Islet: All Topics**
- Page 158* **Kidney Immunosuppression: Novel Agents**
- Page 160* **Kidney: Acute Rejection I**
- Page 162* **Kidney: BK Polyoma Virus**
- Page 164* **Kidney: Complications I**
- Page 166* **Kidney: Living Donors - Donor Exchange and Surgical Issues**
- Page 169* **Liver Malignancies: Hepatocellular and Cholangiocarcinoma**
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**Pre-Meeting Morning/Full Day
Symposia
8:00 AM – 5:30 PM**

**1. Essential Immunology for the
Clinician**

Ballroom B

**8:00 AM Fundamental Overview of the
Immune Response**
Fadi Lakkis, MD

**Transplant Immunology I: Antigen Dependent
Mechanisms**

Chair: Simon Robson, MD, PhD

**8:30 AM T Cell Activation, Differentiation and
Function**
Joaquin Madrenas, MD, PhD

**9:00 AM Post-transplant Antibodies:
Development and Consequences**
Kathryn Tinckam, MD

**9:30 AM Immunosuppression: Mechanisms of
Action**
Philip Halloran, MD, PhD

10:00 AM Break

**Transplant Immunology II: Antigen Independent
Mechanisms**

Chair: Roslyn Mannon, MD

**10:30 AM Innate Immunity in Solid Organ
Transplantation**
William Baldwin, III, MD, PhD

11:00 AM Chemokines and Cell Trafficking
Robert Fairchild, PhD

**11:30 AM Effector Mechanisms Leading to
Graft Destruction**
Anthony Jevnikar, MD

**12:00 NN Allograft Fibrosis: The Response to
Inflammation**
Roslyn Mannon, MD

12:30 PM Lunch Break (on your own)

**Transplant Immunology III: Regulation of
the Alloimmune Response**

Chair: James Markmann, MD, PhD

1:30 PM Regulatory T Cells
James Markmann, MD, PhD

**2:00 PM Costimulatory Pathways in Rejection
and Tolerance**
Indira Guleria, MD

2:30 PM Memory T Cell Responses
Christian Larsen, MD

3:00 PM Break

**Transplant Immunology IV: Clinical Application
of Basic Science**

Chair: Xian Li, MD, PhD

**3:30 PM Update in Histocompatibility and
Antibody Detection in Human
Transplantation**
Elaine Reed, PhD

**4:00 PM Targeting Non T-Cells Pathways of
Graft Injury: B, NK, Plasma Cells,
and Monocytes**
Xian Li, MD, PhD

**4:30 PM Clinical Transplantation Tolerance—
Edging Closer?**
Kenneth Newell, MD, PhD

**2. Clinical Updates and Donor Derived
Infectious Disease**

Room 302/304

Complications of Transplantation

*Chairs: Anil Chandraker, MD, and Martha
Pavlakis, MD*

Cardiovascular Issues

**8:00 AM Role of Cardiovascular Screening
Before and After Transplantation**
Bertram Kasiske, MD

**8:30 AM The Impact of Left Ventricular
Function on Survival Before and After
Kidney Transplantation**
Angelo DeMattos, MD, MPH

**9:00 AM Post-transplant Hypertension: Does
Treatment Matter?**
Stephen Textor, MD

9:30 AM Break

Other Complications

**10:00 AM Early Graft Loss: Consequences of
Organ Quality on Immune Response
and Transplant Outcome**
Stefan Tullius, MD, PhD

**10:30 AM Fracture Prevention and Treatment
of Post-transplant Bone Disease
in Kidney vs. Non Kidney Organ
Transplant Patients**
Margaret Bia, MD

11:00 AM Post-transplant Anemia: An Update
Anil Chandraker, MD

**11:30 AM Post-transplant Anemia: Effects on
Patient and Graft Outcomes**
Roy Bloom, MD

12:00 NN Lunch Break

Donor Issues

Chairs: Gabriel Danovitch, MD, and Sandy Feng, MD, PhD

1:30 PM **Defining Risk of Living Donation**
Robert Steiner, MD

2:00 PM **Expanding the Limits of Living Kidney Donation**
Stephen Textor, MD

2:30 PM **Follow-up of Living Donors: The UNOS Perspective**
Timothy Pruett, MD

3:00 PM **Break**

3:30 PM **Current State of Donor Derived Infections**
Michael Ison, MD, MS

4:00 PM **Estimating the Risk of Donor Derived Infections**
Eugene Shweitzer, MD

4:30 PM **NAT for Donor Screening**
Jutta Preiksaitis, MD

3. Transplantation Immunology for Basic Scientists

Ballroom C

Biology of T17 Cells and Role in Alloimmunity

Chairs: William Burlingham, PhD, and Xueli Yuan, MD, PhD

8:00 AM **The Biology of Th/Tc17**
William Burlingham, PhD

8:30 AM **Th17 Cells and Resistance to Tolerance**
D. Keith Bishop, PhD

9:00 AM **T17 and Tregs: An Intricate Balance**
Terry Strom, MD

9:30 AM **T17 and Role in Rejection and CAV**
John Iacomini, PhD

10:00 AM **Break**

The TIM pathway as a Novel Pathway in Regulating Th1/Th2/Th17 Cell

Chairs: Terry Strom, MD, and Javeed Ansari, MBBS, MRCP

10:30 AM **The TIM family and Th1/Th12/Th17**
Vijay Kuchroo, DVM, PhD

11:00 AM **Targeting TIM1-TIM4 Pathway in Transplantation**
Mohamed Sayegh, MD

11:30 AM **TIM1-TIM4 Pathway in Rejection and Tolerance**
Terry Strom, MD

12:00 NN **TIM 3-Galectin 9 in Rejection and Tolerance**
Nader Najafian, MD

12:30 PM **Lunch Break (on your own)**

Regulatory Cells

Chairs: Xian Li, MD, PhD, and Jessamyn Bagley, PhD

1:15 PM **Human Tregs: Functionally Distinct Subsets**
Clare Baecher-Allan, PhD

1:45 PM **Regulatory B10 Cells in Immune Responses**
Thomas Tedder, PhD

2:15 PM **Tregs: The Secret of their Generation and Function**
Xian Li, MD, PhD

2:45 PM **Break**

3:00 PM **NK T Cells as Regulatory Cells**
Brian Wilson, MD

Mesenchymal Stem Cells

Chairs: Nicholas Zavazava, MD, PhD, and Reza Abdi, MD

3:30 PM **Immunomodulation by MSCs: Mechanisms**
Francesco Dazzi, MD

4:00 PM **MSCs in GVHD**
Franco Locatelli, PhD

4:30 PM **Mesenchymal Stem Cells to Induce Transplant Tolerance**
Marina Noris, PhD

5:00 PM **MSCs in Autoimmune Disease**
Paolo Fiorina, MD, PhD

4. Hot Topics in Infectious Disease and Donor-Derived Infections: Emerging Challenges and Potential Solutions

Room 311

This is an audience response system session, supported by Roche Laboratories, Inc.

Essentials of Infectious Disease

Chairs: Jay Fishman, MD, and Michael Ison, MD, MS

8:00 AM **New Immunosuppressive Regimens and the Risk of Infections**
Nicolas Mueller, MD

8:30 AM **TB – How to Screen and Who to Treat**
Jennifer Daly, MD

- 9:00 AM HIV-HCV: A Confounding Coinfection**
Arthur Kim, MD
- 9:30 AM Antibiotic Prophylaxis – When is it Useful?**
Emily Blumberg, MD
- 10:00 AM Break**
- 10:30 AM Diagnosis of Emerging Fungal Infections**
Kimberly Hanson, MD
- 11:00 AM Antifungal Management and Newer Antifungal Strategies**
Michele Morris, MD
- 11:30 AM New Developments in CMV Prevention and Management**
Raymund Razonable, MD

Industry-Supported Satellite Symposium

12:30 PM – 2:00 PM

The Systems Biology of Clinical Organ Transplantation

Room 312

Sponsored and Supported by ROTRF

Pre-Meeting Afternoon/Half Day Symposia

1:15 PM – 5:30 PM

5. Pediatric Transplantation

Co-sponsored by the International Pediatric Transplant Association (IPTA)

Room 309

Tolerance Protocols: Are Children the Best Candidates?

Chairs: Vikas Dharnidharka, MD, MPH, and Allan Kirk, MD, PhD

- 1:15 PM Advantages of the Pediatric Immune System for Tolerance Induction**
Lori West, MD, D.Phil
- 1:45 PM Immune Monitoring: When Has Clinical Tolerance Occurred?**
Adriana Zeevi, PhD
- 2:15 PM Bone Marrow and Kidney Transplantation: the MGH Experience**
A. Benedict Cosimi, MD
- 2:45 PM Immunosuppression Withdrawal in Liver Transplantation**
George Mazariegos, MD
- 3:15 PM Break**

Surgical Issues in Pediatric Transplantation for Surgeons and Pediatricians

Chairs: Anne Dipchand, MD, FRCPC, and John Magee, MD

- 3:30 PM Kidney Transplantation in the Infant**
Oscar Salvatierra, Jr, MD
- 4:00 PM Surgical Challenges in Infant Liver and Intestinal Transplantation**
Thomas Fishbein, MD
- 4:30 PM Surgical Challenges in Heart Transplantation in Children**
Asif Hasan, MD
- 5:00 PM Surgical Challenges in Pediatric Lung Transplantation**
Charles Huddleston, MD

6. Management of Liver Cancer in Liver Transplantation

Room 306

This is an audience response system session, supported by Roche Laboratories, Inc.

Session I

Chairs: Martin Hertl, MD, and Igal Kam, MD

- 1:30 PM Incidence and Pathogenesis of Hepato cellular Carcinoma**
Robert Brown, MD
- 1:50 PM New Modalities for Downsizing HCC While Awaiting Transplant**
Laura Kulik, MD
- 2:10 PM Chemotherapy for Hepatocellular Carcinoma**
Andrew Zhu, MD, PhD
- 2:30 PM Allocation for HCC: Is it Working?**
Richard Freeman, MD
- 2:50 PM Should Living Donors be Used for Transplantation of HCC?**
Robert Fisher, MD
- 3:10 PM Panel Discussion**
- 3:30 PM Break**

Session II

Chairs: Debra Sudan, MD and Goran Klintmalm, MD, PhD

- 4:00 PM Surgical Resection in Setting of Cirrhotic Livers**
Satoru Todo, MD
- 4:20 PM Transplantation for Hepatocellular Carcinoma: Is Bigger Okay?**
Johnny Hong, MD
- 4:40 PM Transplantation for Cholangiocarcinoma**
Charles Rosen, MD
- 5:00 PM Case Presentations**
John Lake, MD

7. Hot Topics for the Transplant Professional Clinician Group

*Co-sponsored by the International Transplant Nurses Society (ITNS) and NATCO, The Organization for Transplant Professionals
Room 310*

This is an audience response system session, supported by Roche Laboratories, Inc.

I. Transplant Oversight and Regulatory Issues

Chairs: Kathy Schwab, RN, BSN, and Lori Coleman, RN, CPTC

1:30 PM CMS and the Case for Regulation
Thomas Hamilton

2:00 PM Center Perspective: When is Regulation too Much Regulation?
Susan A Zylicz, RN, BSN

2:30 PM Panel Discussion

3:00 PM Break

II. Ethics vs Finances: What are the Issues for Donors and Recipients?

Chairs: Barry Friedman, BSN, MBA, and Deborah Hoch, MSN

3:30 PM Making the Case for a Regulated System of Compensation for Donation
Arthur Matas, MD

4:00 PM The Ethical Hurdles for Paid Donation
Jun Xu, MA

4:30 PM What About Ethics and Financial Disincentives for Recipients?
Wayne Paris, PhD

5:00 PM Panel Discussion

8. The Business of Transplantation: Key Success Factors for Establishing or Expanding a Transplant Program

Room 210

Session I

Chairs: Alan Langnas, DO, and Michael Abecassis, MD, MBA

1:30 PM Introduction
Alan Langnas, DO

1:45 PM Defining the Supply and Demand/Competitive Landscape
Michael Abecassis, MD, MBA

2:15 PM Institutional Structure / Resources
John Fung, MD, PhD

2:45 PM Milestones for Transplant Center of Excellence/Volume, Outcome Certification

A. Osama Gaber, MD

3:15 PM Panel Discussion

3:45 PM Break

Session II

Chairs: Abraham Shaked, MD, PhD, and A. Osama Gaber, MD

4:15 PM Defining Hospital Finances for Transplant Programs
Roberta Schwartz, PhD

4:45 PM Physicians and Surgeons as Engine Drivers/Compensation
Marwan Aboulijoud, MD

5:15 PM Panel Discussion

New

Investigator Career Highlight Forum

Special ATC Session: *This session is open to all registered attendees of the ATC.*

Parallel #1: Basic Science

Room 312

Chairs: Peter Heeger, MD, and Jerzy Kupiec-Weglinski, MD, PhD

4:00 PM Introduction by John Iacomini, PhD

4:02 PM NK Cells Prevent the Development of Regulatory T Cells
Jessamyn Bagley, PhD
Previous Award: 2005 AST/Astellas Basic Scientist Career Development Faculty Grant

4:22 PM Introduction by Mohamed Sayegh, MD

4:24 PM Novel Insights into the Pathogenesis Chronic Allograft Vasculopathy
Mohammed Javeed Ansari, MBBS, MRCP
Previous Award: 2006 AST/Wyeth Basic Science Faculty Development Grant

4:44 PM Introduction by Daniel Kreisel, MD, PhD

4:46 PM Orthotopic Mouse Lung Transplantation as Experimental Methodology to Study Transplant and Tumor Biology
Alexander Krupnick, MD
Previous Award: 2005 ASTS-Novartis Fellowship in Transplantation

5:06 PM Introduction by Simon Robson, MD, PhD

5:08 PM Novel Viral Vectors as a Tool to Study Liver Physiology and Pathophysiology
Seth Karp, MD
Previous Award: 2005 ASTS Astellas Faculty Development Award; 2006 ASTS-Vanguard Prize; 2008 ASTS Wyeth Collaborative Scientist Award

Parallel #2: Clinical Science

Ballroom A
Chairs: William Harmon, MD, and Barry Kahan, MD, PhD

4:00 PM Introduction by Mohamed Sayegh, MD

4:02 PM B Cells Making it on the VIP List in Autoimmune Diabetes and Islet Transplantation
Paolo Fiorina, MD, PhD
Previous Award: 2007 AST/JDRF Grant

4:22 PM Introduction by Gregory Everson, MD
4:24 PM Metabolic Complications after Liver Transplantation
Lisa Michelle Forman, MD
Previous Award: 2005 AST/Schering Plough Women & Minority Career Development Faculty Grant

4:44 PM Introduction by Allan Kirk, MD, PhD

4:46 PM Translational Research in Composite Tissue Allograft Transplantation
Linda Cendales, MD
Previous Award: 2008 ASTS-Astellas Faculty Development Award

5:06 PM Introduction by Robert Montgomery, D. Phil

5:08 PM Of Math and Medicine: Expanding Kidney Paired Donation
Dorry Segev, MD
Previous Award: 2004 ASTS-Novartis Fellowship in Transplantation; 2006 AST/Astellas Clinical Science Faculty Development Grant; 2006 ASTS Vanguard Prize

5:30 PM – 7:00 PM

Opening Reception & Exhibits Open
Exhibit Hall D, Second Floor,
John B Hynes

Poster Session I
5:30 PM – 7:00 PM

Poster Viewing: 4:00 PM – 7:00 PM
Presenters in Attendance:
5:30 PM– 7:00 PM
Exhibit Hall C, Second Floor,
John B. Hynes Convention Center

- Page 151* **Economics, Public Policy, Allocation, and Ethics**
- Page 152* **Inflammation and Drug Toxicity**
- Page 154* **Innate Immunity: Chemokines, Cytokines**
- Page 156* **Islet: All Topics**
- Page 158* **Kidney Immunosuppression: Novel Agents**
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- Page 175* **Stem Cells and Cellular Transplantation**
- Page 177* **Xenotransplantation**

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Sunday, May 31, 2009

7:00 AM – 8:15 AM Sunrise Symposia

Page 67 **Sunrise Symposium I: Assessing Renal Function in Transplantation**
Room 302/304

Page 67 **Sunrise Symposium II: The Rise and Fall of Living Donor Liver Transplantation**
Ballroom A

Page 67 **Sunrise Symposium III: Immune Monitoring Moves to the Clinic: Markers of Rejection and Tolerance**
Ballroom B

Page 67 **Sunrise Symposium IV: SRTR Risk-Adjustment: What Does It Mean For My Transplant Program?**
Room 210

Page 67 **Sunrise Symposium V: (Beyond T Cell Tolerance) Is Targeting Naïve T Cells Enough to Induce Tolerance?**
Ballroom C

Page 67 **Sunrise Symposium VI: Incentives for Organ Donation**
Room 312

7:00 AM – 8:15 AM Early Morning Workshops

Page 68

8:15 AM Break

8:30 AM – 10:00 AM Plenary Session I

Page 68 Auditorium

10:00 AM – 10:30 AM State-of-the-Art Address

Page 69 **RNA in Biology and Disease**
Auditorium

10:30 AM Break

11:00 AM – 12:30 PM Concurrent Symposia

Page 69 **Concurrent Symposium I: Multiorgan Transplantation – Worthy Investment?**
Ballroom B

Page 69 **Concurrent Symposium II: Chronic Allograft Rejection and Antibody-Mediated Injury**
Auditorium

Page 69 **Concurrent Symposium III: Tissue Engineering**
Ballroom A

Page 69 **Concurrent Symposium IV: Th17: The New Cells on the Block**
Room 302/304

Page 70 **Concurrent Symposium V: New UNOS Donor Allocation Policies for Pediatric Transplantation**
Ballroom C

2:15 PM – 3:45 PM Concurrent Sessions

Page 70 **Concurrent Session 1: Basic: B-Cell/Antibody**
Room 310

Page 70 **Concurrent Session 2: Clinical Heart Transplantation**
Room 306

Page 71 **Concurrent Session 3: Donor - Derived Infections and HIV**
Ballroom B

Page 72 **Concurrent Session 4: Kidney Immunosuppression: CNI Minimization - Avoidance Protocols I**
Auditorium

Page 73 **Concurrent Session 5: Kidney: Complications I**
Room 302/304

Page 73 **Concurrent Session 6: Liver IRI: Novel Mechanisms**
Room 309

Page 74 **Concurrent Session 7: Liver: Complications, Recurrent Disease, and Hepatitis I**
Ballroom A

Page 75 **Concurrent Session 8: Metabolic Complications**
Room 206

Page 76 **Concurrent Session 9: Modulating Acute Rejection - Basic Mechanisms**
Room 311

Page 76 **Concurrent Session 10: Morphological Phenotypes of Chronic Renal Allograft Injury**
Room 210

Page 77 **Concurrent Session 11: Novel Immune Monitoring Strategies**
Room 312

Page 77 **Concurrent Session 12: Pancreas Transplantation I**
Ballroom C

Page 78 **Concurrent Session 13: Pediatric and DCD Donors**
Room 208

3:45 PM Break

4:00 PM – 5:30 PM Concurrent Sessions

Page 79 **Concurrent Session 14: Acute Kidney Rejection: Clinical**
Ballroom B

Page 80 **Concurrent Session 15: Donor/Recipient Factors and SCDs**
Room 210

Page 80 **Concurrent Session 16: Histocompatibility and Immunogenetics**
Room 310

Page 81 **Concurrent Session 17: Immune Monitoring: Chronic Allograft Damage and Chronic Humoral Rejection**
Room 309

Page 82 **Concurrent Session 18: Kidney: Complications II**
Room 302/304

Page 83 **Concurrent Session 19: Liver: Immunosuppression and Renal Function**
Ballroom C

Page 83 **Concurrent Session 20: Living Donors and Partial Grafts I**
Ballroom A

Page 84 **Concurrent Session 21: Non-Organ Specific - Organ Preservation**
Room 208

Page 85 **Concurrent Session 22: Novel Methods of Immune Regulation in Islet Transplantation**
Room 312

Page 86 **Concurrent Session 23: PTLD/ Malignancy**
Room 206

Page 86 **Concurrent Session 24: Small Bowel**
Room 306

Page 87 **Concurrent Session 25: The Status of Desensitization: Outcomes, New Therapies and Immunological Insights**
Auditorium

Page 88 **Concurrent Session 26: Tolerance I: T Regulatory Cells**
Room 311

5:30 PM – 6:30 PM Poster Session II

Presenters in Attendance - Beverages
*Exhibit Hall C, Second Floor
 John B. Hynes Convention Center*

Page 179 **Alloantibodies and Transplant Outcomes**

Page 180 **Antigen Presentation/Allorecognition**

Page 181 **Basic Mechanisms of Acute Rejection I**

Page 182 **ECD, DCD, Preservation, and Donor Management**

Page 184 **Histocompatibility and Immunogenetics**

Page 185 **Ischemia Reperfusion Injury I**

Page 187 **Kidney Immunosuppression: CNI Minimization - Avoidance Protocols**

Page 190 **Kidney Immunosuppression: Steroid Minimization - Avoidance Protocols**

Page 191 **Kidney: Acute Rejection II**

Page 193 **Kidney: Complications II**

Page 195 **Liver: Complications, Recurrent Disease, Hepatitis and Replantation I**

Page 198 **Liver: Immunosuppression**

Page 200 **New Developments in T Cell Signaling, Co-Stimulation and Regulation**

Page 202 **Novel Concepts in Pediatric Liver Transplantation**

Page 203 **Pancreas Transplantation I**

Page 204 **Viruses**

6:30 PM – 9:30 PM Industry – Sponsored Event

Page 88 **Presented by Astellas and the Creative Coalition**

Sunday, May 31, 2009

Concurrent Sunrise Symposia

7:00 AM – 8:15 AM

Sunrise Symposium I: Assessing Renal Function in Transplantation

Room 302/304

Chairs: Emilio Poggio, MD, and Christophe Mariat, MD, PhD

This is an audience response system session, supported by Roche Laboratories, Inc.

7:00 AM Measuring vs. Estimating GFR in Clinical Transplantation
Emilio Poggio, MD

7:15 AM Implementing the K/DOQI CKD Classification to Kidney Transplant Recipients: Advantages and Limitations
John Gill, MD, MS

7:30 AM Can We Still Use EGFR as an Endpoint in Kidney Transplant Trials?
Christophe Mariat, MD, PhD

7:45 AM Improving GFR Estimation in Transplantation: Standardized Serum Creatinine, Cystatin C and Beyond
Greg Knoll, MD, MSC

8:00 AM Discussion

Sunrise Symposium II: The Rise and Fall of Living Donor Liver Transplantation

Ballroom A

Chairs: Kim Olthoff, MD, and R. Mark Ghobrial, MD, PhD

7:00 AM Why are LDLT Numbers Falling?
Elizabeth Pomfret, MD, PhD, FACS

7:25 AM Primum Non Nocere
Charlie Miller, MD

7:50 AM View of LDLT from the World's Most Active Center
Sheung-Tat Fan, MD, PhD

Sunrise Symposium III: Immune Monitoring Moves to the Clinic: Markers of Rejection and Tolerance

Ballroom B

Chairs: Elaine Reed, PhD, and Robert Fairchild, PhD

7:00 AM Assays of Alloreactivity and Peripheral Cell Function Provide a Noninvasive Method for Identifying Risk of Rejection
Roslyn Mannon, MD

7:25 AM mRNA Expression Patterns Predictive of Allograft Status and Outcome
Manikkam Suthanthiran, MD

7:50 AM A Molecular Signature of Tolerance
Minnie Sarwal, MD

Sunrise Symposium IV: SRTR Risk-Adjustment: What Does It Mean For My Transplant Program?

Room 210

Chairs: Carl Berg, MD, and Robert Merion, MD

7:00 AM Understanding the SRTR Program-Specific Reports: Computing Observed and Expected Survival
Greg Levine, BA

7:25 AM Utilization of SRTR Reporting by the MPSC: What Happens if My Results Trigger a Review?
James Wynn, MD

7:50 AM Transplant Program Under Review : A Case Study and Tool Kit
Janie Morrison, BHS

Sunrise Symposium V: (Beyond T Cell Tolerance) Is Targeting Naïve T Cells Enough to Induce Tolerance?

Ballroom C

Chairs: Joren Madsen MD, D.Phil, and Robert Colvin, MD

7:00 AM NK Cells, Graft Injury in the Presence of Tolerance
Xian Li MD, PhD

7:25 AM Eliminating Memory T Cells
Tatsuo Kawai, MD

7:50 AM Targeting B cells
Ali Naji, MD

Sunrise Symposium VI: Incentives for Organ Donation

Room 312

Chairs: Barbara Murphy, MD, and Arthur Matas, MD

7:00 AM Istanbul Document and Incentives for Organ Donation
Francis Delmonico, MD

7:20 AM Legal Ramifications of NOTA
Jack Daly, MD

7:40 AM **Government Sponsored Health Insurance for Living Donors**
John Roberts, MD

8:00 AM **Discussion**

Early Morning Workshops

7:00 AM – 8:15 AM

1. **Quality of Life After Patient and Liver Graft Survival**

Sammy Saab, MD, MPH, AGAF
C. Wright Pinson, MBA, MD
Room 305

2. **Aggressive Strategies to Increase Living Donor Kidney Transplantation**

Andrew Posselt, MD
Bertram Kasiske, MD
Room 308

3. **Can You Assess Transplant Tolerance?**

James Mathew, PhD
Sophie Brouard, PhD
Room 301

4. **mTor Inhibitors: Where is the Niche in Kidney Transplant?**

William M. Bennett, MD
Jeremy Chapman, MD
Room 103

5. **Cardiac Allograft Vasculopathy: New Insights and Therapeutic Approaches**

David Briscoe, MD, MB, BCH
Howard Eisen, MD
Room 303

6. **Do Chronic Kidney Disease Guidelines Apply to Renal Transplant Recipients?**

Bryan Becker, MD
Aleksandra Kukla, MD
Room 105

7. **Infection in Transplantation: Resistant Organisms, Common Problems, Practical Approaches**

Andre Kalil, MD
Emily Blumberg, MD
Room 104

8. **Non-adherence and Transition of Care for Pediatric Solid Organ Transplant Recipients**

Sharon Bartosh, MD
Lorraine Bell, MD
Room 109

9. **Personalized Medicine in Transplantation**

Ron Shapiro, MD
Patricia Birk, MD
Room 110

10. **Cholangiocarcinoma in Liver Transplantation**

Charles Rosen, MD
Gregory Gores, MD
Room 111

8:15 AM **Break**

Plenary Session I

8:30 AM – 10:00 AM

Auditorium

Chairs: Abhi Humar, MD, and John Roberts, MD

8:30 AM ***In Vivo* Differentiation of Pdx1⁺CXCR4⁺ Definitive Endodermal Cells into Insulin Producing Cells Efficiently Correct Hyperglycemia in Diabetic Mice. (Abstract #1)**

Sudhanshu P. Raikwar, Nicholas Zavazava. Iowa City, IA.

8:45 AM **Early Results from the Clinical Trials in Organ Transplantation (CTOT-01) Trial Identify Noninvasive Markers as Correlates of 6-Month Renal Allograft Pathology. (Abstract #2)**

D. Hricik, E. Poggio, K. Newell, D. Rush, P. Nickerson, R. Formica, E. Akalin, J. Goebel, R. Fairchild, H. Gebel, D. Ikle, P. Heeger.

9:00 AM **Are HCC Candidates Advantaged in the Liver Allocation System? (Abstract #3)**

W. Kenneth Washburn, Erick Edwards, Ann Harper, Richard Freeman. San Antonio, TX; Richmond, VA; Boston, MA.

9:15 AM **ASTS Awards**

9:30 AM Primary Outcomes from a Randomized, Phase III Study of Belatacept vs Cyclosporine in Kidney Transplant Recipients (BENEFIT Study). (Abstract #4)
F. Vincenti, J. M. Grinyo, B. Charpentier, J. D. Medina-Pestana, L. Rostaing, Y. Vanrenterghem, G. B. Di Russo, P. Garg, C.-S. Lin, C. Larsen.

9:45 AM Impact of Regional and Center Volume Variation in Pancreatic Allograft Utilization as Assessed by the Pancreas Risk Index. (Abstract #5)
David Axelrod, R. Sung, K. Meyer, R. Wolfe, D. B. Kaufman.

State-of-the-Art Address

10:00 AM – 10:30 AM

Auditorium

10:00 AM RNA in Biology and Disease
Phillip Sharp, PhD

10:30 AM Break

Concurrent Symposia

11:00 AM – 12:30 PM

Concurrent Symposium I: Multiorgan Transplantation – Worthy Investment?

Ballroom B

Chairs: Alan Leichtman, MD, and John Fung, MD, PhD

This is an audience response system session, supported by Roche Laboratories, Inc.

11:00 AM Overview
John Fung, MD, PhD

11:20 AM Combined Heart and Kidney Transplantation
Edward Cole, MD

11:40 AM Combined Liver and Lung & Combined Heart and Liver Transplantation
Guillermo Torre-Amione, MD, PhD

12:00 NN Combined Liver and Kidney Transplantation
K. Rajender Reddy, MD

Concurrent Symposium II: Chronic Allograft Rejection and Antibody-Mediated Injury

Auditorium

Chairs: Carl Cardella, MD, and Mark Stegall, MD

11:00 AM Histopathological and Molecular Phenotypes of Chronic Allograft Damage
Michael Mengel, MD

11:20 AM Antibody and Vascular Endothelium: Novel Targets Mediating Injury
Elaine Reed, PhD

11:40 AM Non-HLA Antibodies: Relevance to Kidney Injury
Kathryn Tinkam, MD

12:00 NN Is there Treatment of Chronic Antibody Mediated Injury
Stanley Jordan, MD

12:20 PM Panel Discussion

Concurrent Symposium III: Tissue Engineering

Ballroom A

Chair: R. Mark Ghobrial, MD, PhD

11:00 AM The Emerging Field of Cell Transplantation and Tissue Engineering in Transplantation
P.R. Sanberg, MD

11:30 AM Modular Tissue Engineering for the Construction of Vascularized Tissues with Multiple Cell Types
Michael Sefton, ScD

12:00 NN Materials to Control Transplanted Cell Dispersment and Host Immune Cell Trafficking and Activation
D.J. Mooney, MD

Concurrent Symposium IV: Th17: The New Cells on the Block

Room 302/304

Chairs: Mohamed Sayegh, MD, and John Iacomini, PhD

11:00 AM Reciprocal Relationship Between T-Reg and Th17 Cells
Vijay Kuchroo, DVM, PhD

11:30 AM Role of T17 in Rejection and Tolerance
Mohamed Sayegh, MD

12:00 NN Th17 and Autoimmune Disease
David Hafler, MD

Concurrent Symposium V: New UNOS Donor Allocation Policies for Pediatric Transplantation

Ballroom C

Chairs: William Harmon, MD, and Sue McDiarmid, MD

11:00 AM Impact of Share-35 Policy on Pediatric Kidney Allocation
Ruth McDonald, MD

11:20 AM New Allocation Schemes for Pediatric Lung/Heart Transplantation
Stuart Sweet, MD, PhD

11:40 AM New Allocation Schemes for Pediatric Liver and Intestinal Transplantation
Sue McDiarmid, MD

12:00 NN Where Do We Go from Here (and How To Get There)?
William Harmon, MD

12:20 PM Discussion

Concurrent Session 1: Basic: B-Cell/Antibody

2:15 PM – 3:45 PM

Room 310

Chairs: Anita Chong, PhD, and Brian Susskind, PhD

2:15 PM 15th IHIWS Antibody and Chronic Rejection Project – An International Collaborative Study Reinforces Evidence That Donor-Specific Antibodies Post-Transplantation Are Detrimental to Long-Term Success of All Solid Organ Allografts. (Abstract #6)
Miyuki Ozawa, Rene Castro, Matthew Everly, Paul I. Terasaki. Los Angeles, CA.

2:27 PM Long-Term Renal Allograft Survival and Accommodation in Presensitized Nonhuman Primates Via Early Complement Inhibition-Based Therapy. (Abstract #7)
Gang Chen, Song Chen, Junhua Li, Ying Xiang, Shan Zhong, Wanyu Wang, Yuliang Xiong, Hui Guo, Shi Chen. Wuhan, Hubei, China; Kunming, Yunnan, China.

2:39 PM Inhibitory Fc Receptors in Acute and Chronic Allograft Rejection. (Abstract #8)

C. J. Callaghan, T. S. Win, S. Sivaganesh, E. M. Bolton, J. A. Bradley, R. J. Brownlie, K. G. Smith, G. J. Pettigrew. Cambridge, United Kingdom.

2:51 PM Identifying an Affinity Threshold That Defines Self-Reactive Antibodies. (Abstract #9)

Freddy Romero, Lorenzo Benatuil, John Iacomini. Boston, MA.

3:03 PM CD4 T Cell Help for the Generation of Alloreactive CD8 Memory T Cells Is Dependent upon Antigen Presentation by B Cells. (Abstract #10)

Yue-Harn Ng, Qiang Zeng, Autumn Marlowe, Rosemary Hoffman, Geetha Chalasani. Pittsburgh, PA.

3:15 PM Preformed Alloantibodies Prevent the Induction of Allograft Tolerance by Enhancing Alloreactive T Cell Priming. (Abstract #11)

Audrea M. Troutman, Anita Chong. Chicago, IL.

3:27 PM Rituxamab Inhibits Renal Allograft Rejection in a Mouse Model of Antibody-Mediated Rejection Model. (Abstract #12)

Daisuke Ishii, Joshua M. Rosenblum, Shiro Baba, Robert L. Fairchild. Cleveland, OH; Sagamihara, Kanagawa.

Concurrent Session 2: Clinical Heart Transplantation

2:15 PM – 3:45 PM

Room 306

Chairs: Maryl Johnson, MD, and Arun Singhal, MD

2:15 PM The Impact of Average First Year Heart Rate on Outcomes after Heart Transplantation: Does It Make a Difference? (Abstract #13)

Matt Kawano, Jon Kobashigawa, Jignesh Patel, Krista Kiyosaki, Esther Shao, Allison Ankrom, Boris Arbit, Antoine Hage, Michelle Kittleson, Abbas Ardehali. Los Angeles, CA; Los Angeles, CA.

2:27 PM **Impact of Ventricular Assist Device as Bridge to Heart Transplantation in the United States. (Abstract #14)**
 Nicolas Jabbour, James Long, Douglas Horstmanhof, John S. Chaffin, C. Craig Elkins, Ian Hutchinson, Yong W. Cho.
 Oklahoma City, OK; Los Angeles, CA.

2:39 PM **Risk Factors and Incidence of Cancer in Heart Transplant Recipients Reported by UNOS between 1988 and 2006. (Abstract #15)**
 A. Brett, A. Hamidian Jahromi, I. A. M. MacPhee, M. Morsy, J. Fronek, Nicos Kessaris. London, United Kingdom.

2:51 PM **Protocol vs. Symptom Directed Endomyocardial Biopsies after Heart Transplantation: Are Protocol Biopsies Necessary? (Abstract #16)**
 Krista Kiyosaki, Jon Kobashigawa, Jignesh Patel, Michelle Kittleson, Matt Kawano, Antoine Hage, Abbas Ardehali. Los Angeles, CA.

3:03 PM **Alemtuzumab Induction Therapy Allows Lower Intensity Maintenance Immunosuppression after Cardiac Transplantation, but Does Not Result in Improved Renal Outcomes at Six Months. (Abstract #17)**
 Michael Shullo, Rachele Zomak, Christian Bermudez, Jay Bhama, Robert Kormos, Yoshi Toyoda, Dennis McNamara, Kenneth McCurry, Jeffrey Teuteberg. Pittsburgh, PA.

3:15 PM **Factors Affecting Waitlist Times in Pediatric Heart Transplant Patients. (Abstract #18)**
 Anne I. Dipchand, Cedric Manlhiot, Paul F. Kantor, Seema Mital, Brian W. McCrindle. Toronto, ON, Canada.

3:27 PM **Bacterial and Viral Infections Are Impacted by Different Genetic Polymorphisms – A Multicenter Pediatric Heart Transplant Study. (Abstract #19)**
 D. M. Gimita, M. Brooks, S. Webber, G. Burckart, R. Ferrell, R. Chinnock, C. Canter, L. Addonizio, D. Bernstein, J. Kirklin, D. Naftel, A. L. Gimita, A. Zeevi.

**Concurrent Session 3: Donor -
 Derived Infections and HIV**
2:15 PM – 3:45 PM

Ballroom B
Chairs: Staci Fischer, MD, and Michael Morris, MD

2:15 PM **Donor-Derived Disease Transmission Events in the United States in 2008: A Report from the OPTN/UNOS Ad Hoc Diseases Transmission Advisory Committee (DTAC). (Abstract #20)**
 Michael G. Ison, S. G. Covington, K. Y. Taylor, E. G. Blumberg, K. J. Carney, J. G. Cutler, M. DiMaio, M. Green, R. Hasz, B. Kubak, T. Pruett, L. Teperman, B. Vasudev, M. Nalesnik. Richmond, VA.

2:27 PM **Nucleic Acid Testing (NAT) for HIV, HBV, and HCV: Current Practices of 58 US Organ Procurement Organizations (OPOs). (Abstract #21)**
 J. P. Orłowski, C. E. Alexander, M. G. Ison, J. D. Rosendale, F. L. Chabalewski. Richmond, VA.

2:39 PM **HIV-1/HCV Nucleic Acid Testing (NAT) of Organ and Tissue Donors – How To Resolve Donor Specimens with NAT Inhibitors? (Abstract #22)**
 Claudia Chinchilla, Dem Brucal, James Schellenberg, Thomas Mone, Maria Stadler, Stephanie Collazo, Marek J. Nowicki. Los Angeles, CA.

2:51 PM **Early and Unexpected Results in a Multicenter Study of Kidney Transplantation in HIV-Infected Recipients. (Abstract #23)**
 Peter Stock, Michelle Roland, Douglas Hanto, Scott Johnson, Martha Pavlakis, Jimmy Light, Burc Barin, Dushyantha Jayaweera, Barbara Murphy. San Francisco, CA; Boston, MA; New York, NY; Washington, DC; Rockville, MD; Miami, FL.

3:03 PM Comparison of Long-Term Outcomes of Kidney Transplantation in HIV Positive Versus HIV Negative Recipients Treated with Similar Immunosuppression: Cyclosporine (CSA) and Sirolimus (SLR). (Abstract #24)
Mysore S. Anil Kumar, Karthik Ranganna, Gregory Malat, Fazle Noor, Jeffrey Jacobson, Muhammad I. Saeed, Arjun M. S. Kumar, Suganthi Soundararajan. Philadelphia, PA.

3:15 PM The Effect of Hepatitis B Core Antibody Positive Kidneys on Graft and Patient Survival. (Abstract #25)
Rosemary Ouseph, Savitri Appana, Nicole Ferguson, Farida Mostajabi, Mary Eng, Kadiyala V. Ravindra, Joseph F. Buell, Guy N. Brock, Michael R. Marvin. Louisville, KY.

3:27 PM The Incidence of Post Transplant Antibody Levels (TXPRA) Against Donor Major Histocompatibility Complex (MHC) Antigens and Their Effect on the Outcomes in HIV+ Kidney Recipients. (Abstract #26)
Gregory E. Malat, Mysore S. Anil Kumar, Karthik Ranganna, Suganthi Soundararajan. Philadelphia, PA.

2:27 PM Belatacept Is Associated with Preservation of Renal Function and Structure at 1 Year Compared to Cyclosporine in Extended Criteria Donor (ECD) Kidney Transplant Patients (BENEFIT-EXT Study). (Abstract #28)
J. D. Medina-Pestana, J. M. Campistol, M. del C Rial, V. D. Garcia, T. Becker, M. Agarwal, P. Garg, T. Duan.

2:39 PM Pre-Transplant Clonal Deletion Allows for HLA Mismatched Renal Transplantation without Maintenance Immunosuppression. (Abstract #29)
H. L. Trivedi, P. I. Terasaki, A. Feroz, A. V. Vanikar, V. Shankar, V. B. Trivedi, H. Kaneku, A. K. Idica, M. J. Everly, P. R. Modi, S. I. Khemchandani, S. D. Dave. Ahmedabad, Gujarat, India; Los Angeles, CA; Karamsad; Canoga Park, CA.

2:51 PM Long-Term Outcomes of Alternative CNI-Based Regimens in Renal Transplantation. (Abstract #30)
Robert S. Woodward, Marc C. Flore, Gerardo Machnicki, Daniel C. Brennan. Durham, NH; St Louis, MO; East Hanover, NJ.

3:03 PM Tacrolimus Preserves Renal Function Better Than Cyclosporin at 10 Years – Long Term Results of a Randomised Controlled Trial. (Abstract #31)
N. Kumar, R. Manimaran, C. Williams, R. Ravanan. Cardiff, United Kingdom.

Concurrent Session 4: Kidney Immunosuppression: CNI Minimization – Avoidance Protocols I
2:15 PM – 3:45 PM

Auditorium
Chairs: Matthew Weir, MD, and Alan Wilkinson, MD

2:15 PM Primary Outcomes from a Randomized, Phase III Study of Belatacept vs Cyclosporine in ECD Kidney Transplants (BENEFIT-EXT Study). (Abstract #27)
A. Durrbach, C. Larsen, J. D. Medina-Pestana, Y. Vanrenterghem, F. Vincenti, S. Florman, A. J. Block, P. Garg, K. Sen, J. Grinyo.

3:15 PM Comparison of Histological Lesions on Ten Year Protocol Biopsies in Kidney Transplant Recipients with or without Cyclosporine. (Abstract #32)
Renaud Snanoudj, Virginie Royal, Marc-Olivier Timsit, Catherine Girardin, Henri Kreis, Frank Martinez, Eric Thervet, Laure-Hélène Noel, Christophe Legendre. Paris, France.

3:27 PM **Mycophenolate Mofetil/Sirolimus Maintenance Therapy after Calcineurin Inhibitor Withdrawal in Renal Transplant Recipients: 2-Year Outcomes of the Spare-the-Nephron (STN) Trial. (Abstract #33)**
M. Weir, S. Mulgaonkar, T. Pearson, A. Patel, D. Patel, H. Shidban, J. Scandling. Baltimore, MD; Livingston, NJ; Atlanta, GA; Detroit, MI; Nutley, NJ; Los Angeles, CA; Palo Alto, CA.

2:51 PM **Mycophenolate Mofetil Dose Reductions and Discontinuations after Gastrointestinal Complications Are Associated with Graft Failure in Asian American Renal Recipients. (Abstract #37)**
Suphamai Bunnapradist, Uyen Duong, Marcelo Sampaio, Chalit Wanthakawikran, Gerardo Machnicki, Fei Yu. CA; NJ.

Concurrent Session 5: Kidney: Complications I

2:15 PM – 3:45 PM

Room 302/304

Chairs: Kevin Abbott, MD, MPH, and Julie Yabu, MD

2:15 PM **Comparable Incidence and Severity of Wound-Healing-Associated Complications in the Presence of MMF or Everolimus Following Renal Transplantation. (Abstract #34)**
Raimund Margreiter, Stefan Vitko, John Wheelchel, Helio Tedesco-Silva, John Magee, Josette Eris, Julio Pascual, Barry Kahan, Zailong Wang, Hans Sollinger.

3:03 PM **The Maximum Tolerated Dose of Mycophenolic Acid (MPA) Is Higher with Enteric-Coated Mycophenolate Sodium (EC-MPS) Compared to Mycophenolate Mofetil (MMF) in Kidney Transplant Recipients: Results of a Randomized, Multicenter Trial. (Abstract #38)**
Magdi Shehata.

3:15 PM **African American Ethnicity and Risk of Proteinuria after Conversion to Sirolimus Therapy in Kidney Transplantation. (Abstract #39)**
Joshua J. Augustine, Aparna Padiyar, Kenneth A. Bodziak, Mark I. Aeder, James A. Schulak, Donald E. Hricik. Cleveland, OH.

2:27 PM **Outcomes Associated with Dose Manipulations of Enteric-Coated Mycophenolate Sodium (EC-MPS) vs. Mycophenolate Mofetil (MMF) in Renal Transplantation. (Abstract #35)**
Matthew Cooper, Douglas Slakey, Kathleen Deering, Steven Arcona, Erin McCann, Flavia Rasetto, Sander Florman. Baltimore, MD; New Orleans, LA; Oak Brook, IL; East Hanover, NJ; Baltimore, MD.

3:27 PM **Excellent Outcomes in Renal Transplant Recipients Switching to Rapamycin Due to Chronic Allograft Dysfunction with Low Proteinuria. (Abstract #40)**
Maria J. Gutierrez, Esther Gonzalez, Amado Andres, Jose M. Morales. Madrid, Spain.

2:39 PM **Mycophenolate Mofetil Dose Reductions and Discontinuations after Gastrointestinal Complications Are Associated with Graft Failure in Kidney Transplant Recipients. (Abstract #36)**
Suphamai Bunnapradist, Uyen Duong, Marcelo Sampaio, Fei Yu. CA.

Concurrent Session 6: Liver IRI: Novel Mechanisms

2:15 PM – 3:45 PM

Room 309

Chairs: David Geller, MD, and David Gerber, MD

2:15 PM **Alleviation of Ischemia-Reperfusion Injury in Aged Mice Livers by Knocking-Down C3 and C5aR Genes. (Abstract #41)**
Xusheng Zhang, Roberto Hernandez-Alejandro, Xiufen Zheng, Hongtao Sun, Marianne Beduhn, Aminah Shunnar, Weihua Liu, Bertha Garcia, Douglas Quan, Vivian McAlister, Anthony Jevnikar, William Wall, Wei-Ping Min. London, ON, Canada.

2:27 PM Role of Interferon Regulatory Factor-1 (IRF-1) in Transplant Induced Liver Ischemia-Reperfusion Injury. (Abstract #42)

Shinya Ueki, Rajeev Dhupar, Jon Cardinal, Junichi Yoshida, Kikumi S. Ozaki, Kee-Hwan Kim, Allan Tsung, Noriko Murase, David A. Geller. Pittsburgh, PA.

2:39 PM Bone Marrow-Derived Macrophages Genetically Modified Ex-Vivo To Produce HO-1 Reduce Liver Ischemia/Reperfusion Injury. (Abstract #43)

Bibo Ke, Xiu-Da Shen, Feng Gao, Haofeng Ji, Bo Qiao, Yuan Zhai, Ronald W. Busuttil, Douglas G. Farmer. Los Angeles, CA.

2:51 PM CD154, but Not IFN- γ , Is Critical for CD4 T Cell-Mediated Tissue Inflammation/Injury in Alloantigen-Sensitized Recipients. (Abstract #44)

Xiuda Shen, Feng Reng, Feng Gao, Ronald W. Busuttil, Yuan Zhai. Los Angeles, CA.

3:03 PM Activation of PD-1 Negative T Cell Co-Stimulation Prevents Local Inflammation Response and Protects Livers from Ischemia and Reperfusion Injury. (Abstract #45)

Haofeng Ji, Xiu-da Shen, Feng Gao, Coney Lee, Ronald W. Busuttil, Yuan Zhai. Los Angeles, CA.

3:15 PM Regulated Hepatic Reperfusion Attenuates Post-Reperfusion Syndrome and Improves Survival after Prolonged Warm Ischemia in a Swine Model. (Abstract #46)

Johnny C. Hong, Dimitri Koroleff, Victor Xia, Jiunn-Chang Lin, Charles Lassman, John P. Duffy, Gerald Buckberg, Ana J. Coito, Jerzy Kupiec-Weglinski, Ronald W. Busuttil. Los Angeles, CA.

3:27 PM Macrosteatosis Are Associate with Hepatocellular Necrosis in Ischemia and Reperfusion Injury after Human Liver Transplant. (Abstract #47)

Huda M. Noujaim, Vera L. Capellozzi, Edna F. S. Montero, Cristiane M. F. Ribeiro, Lilian Curvello, Regina Santos, Fabio Crescentini, Marcelo P. de Miranda, Tercio Genzini. Sao Paulo, Brazil.

Concurrent Session 7: Liver: Complications, Recurrent Disease, and Hepatitis I

2:15 PM – 3:45 PM

Ballroom A

Chairs: Robin Kim, MD, and Steve Rudich, MD, PhD

2:15 PM Weaning of HBV Prophylaxis after Liver Transplantation: Preliminary Results in Patients with Undetectable cccDNA in Liver Tissue. (Abstract #48)

Giuseppe Tisone, Ilaria Lenci, C. F. Perno, Luca Toti, Tommaso Maria Manzia, Daniele Sforza, Leonardo Baiocchi, Irene Bellini, Daniele Di Paolo, Mario Angelico.

2:27 PM Adoptive Immunotherapy with Liver Allograft-Derived NK/NKT Cells: A New Paradigm for Inducing Anti-HCV Response after Liver Transplantation. (Abstract #49)

Masahiro Ohira, Kohei Ishiyama, Toshimasa Asahara, Kazuaki Chayama, Hideki Ohdan. Japan.

2:39 PM Hepatitis C+ Liver Grafts Might Be the Most Equitable Solution for Retransplantation in Hepatitis C Infected Recipients: An Analysis of 13+ Years of OPTN Data. (Abstract #50)

Cataldo Doria, Matthew M. Rosen, Silvia Vaccino, Carlo B. Ramirez, Vincent T. Armenti, Adam M. Frank. Philadelphia, PA.

2:51 PM Liver Transplantation Using HCV Positive Donor Allografts: A Case Controlled Analysis of the UNOS Database. (Abstract #51)

Shimul A. Shah, YouFu Li, Anand Singla, Adel Bozorgzadeh. Worcester, MA.

3:03 PM Hepatitis C (HCV)-3 Study: Decreased Incidence of Severe HCV Recurrence (R) Post Liver Transplantation (OLT) in Patients (Pt) Treated with Mycophenolate Mofetil (MMF), Particularly, in the Absence of Steroids (Pred). (Abstract #52)

Goran B. Klintmalm, Carlos G. Fasola, Linda Jennings, Hepatitis C Three Group.

3:15 PM **Reciprocal Interference between the Hepatitis C Viral Load and Alloimmune Responses in Liver Transplant Recipients. (Abstract #53)**
Yuka Tanaka, Masahiro Ohira, Hideki Ohdan. Hiroshima, Japan.

3:27 PM **Genotype 2/3, Cyclosporine Use, Lower Inflammatory Grade and Younger Donor Age Predict Sustained Virological Response to Antiviral Therapy for Recurrent Hepatitis C Following Liver Transplantation. (Abstract #54)**
Leslie B. Lilly, Nazia Selzner, Eberhard L. Renner, Markus Selzner, Oyedele Adeyi, Arash Kashfi, George Therapondos, Nigel Girgrah, Gary A. Levy. Toronto, ON, Canada; New Orleans, LA.

2:51 PM **HbA1c, but Not Fasting Glucose or Insulin, Is Independently Associated with Early Pathophysiological Parameters Indicative of Worsening Glycemic Metabolism Post-Transplantation – A Multivariate Analysis. (Abstract #58)**
Adnan Sharif, Vinod Ravindran, Richard Moore, Gareth Dunseath, Steve Luzio, David Owens, Keshwar Baboolal. Birmingham, United Kingdom; Cardiff, United Kingdom; Penarth, United Kingdom.

3:03 PM **New Onset Diabetes Mellitus in Kidney Transplant Recipients Receiving De Novo Steroid Free Maintenance Immunosuppression. (Abstract #59)**
Fu Lung Luan, Diane Steffick, Ojo O. Akinlolu. Ann Arbor, MI.

Concurrent Session 8: Metabolic Complications

2:15 PM – 3:45 PM

Room 206

Chairs: *Herwig-Ulf Meier-Kriesche, MD, and Jeff Zaltzman, MD, FRCP(C)*

2:15 PM **The Effect of Recipient Body Mass Index on the Outcome and Cost in Kidney Transplantation. (Abstract #55)**
Kian A. Modanlou, Patrick M. Ercole, David Axelrod, Paolo R. Salvalaggio, Ralph J. Graff, Mark A. Schnitzler, Krista L. Lentine.

2:27 PM **Association between Body Mass Index (BMI) All Cause Mortality, Renal and Cardiac Endpoints in Renal Transplant Recipients in the Alert Extension Study. (Abstract #56)**
Sadollah Abedini, Alan Jardine, Bengt Fellström, Hallvard Holdaas. Oslo, Norway; Glasgow, United Kingdom; Uppsala, Sweden.

2:39 PM **Expanding Impact of BMI in the United States: Differential Effect of Age on Outcomes of Adult Kidney Transplants. An Analysis of UNOS Data from 1988 to 2006. (Abstract #57)**
Kanae Ishihara, James Rice, Pilip Thomas, Jacqueline Lappin, Yong-Fang Kuo. Galveston, TX; Houston, TX.

3:15 PM **Influence of Rosuvastatin on Attenuation of the Metabolic Syndrome in Non-Diabetic Renal Transplant Recipients. (Abstract #60)**
Adnan Sharif, Vinod Ravindran, Richard Moore, Steve Luzio, Gareth Dunseath, David Owens, Keshwar Baboolal. Birmingham, United Kingdom; Cardiff, United Kingdom; Penarth, United Kingdom.

3:27 PM **TCF7L2 Polymorphism Is an Independent Risk Factor for New Onset Diabetes Mellitus after Transplantation: A Cohort Study on 1229 Renal Transplant Patients. (Abstract #61)**
Lidia Ghisdal, Christophe Baron, Yvon Lebranchu, Yannick Le Meur, Jean-Philippe Rerolle, Arnaud Lionet, Francois Glowacki, Karl Martin Wissing, Daniel Abramowicz, Marc Abramowicz. Brussels, Belgium; Tours, France; Limoges, France; Lille, France; Brussels, Belgium.

Concurrent Session 9: Modulating Acute Rejection - Basic Mechanisms

2:15 PM – 3:45 PM

Room 311

Chairs: Ginny Bumgardner, MD, PhD, and Jonathan Maltzman, MD, PhD

2:15 PM Anti-C5 mAb Plus Low Dose CTLA4 Ig Inhibit Alloreactive T Cells and Prolong Heart Graft Survival in Mice. (Abstract #62)

Staci A. Leisman, Russell Rother, Jeffrey Hunter, Krista Johnson, Peter S. Heeger. New York, NY; Cheshire, CT.

2:27 PM Role of T Cells in Promoting Rejection of Renal Allografts during Mixed Antibody Mediated Rejection. (Abstract #63)

Alice A. Bickerstaff, Jiao-Jing Wang, Ronald P. Pelletier, Gyongyi Nadasdy, Annette Rearick, Nicholas DiPaola, Sergey Brodsky, Tibor Nadasdy, Gregg A. Hadley.

2:39 PM Anti-Lymphocyte Function-Associated Antigen-1 (LFA-1) Monoclonal Antibody Prevents Graft-Infiltrating CD8 Memory Cells Early Post-Transplant. (Abstract #64)

Kiyoshi Setoguchi, Austin D. Schenk, Daisuke Ishii, Kazunari Tanabe, Robert L. Fairchild. Cleveland, OH; Tokyo, Japan.

2:51 PM Naive and Memory CD4 T Cells Undergo Rapid Extensive Homeostatic Proliferation Following T-Cell Depletion. (Abstract #65)

Alp Sener, Anita L. Tang, Donna L. Farber. Baltimore, MD.

3:03 PM Prevention of Allograft Rejection in Wild-Type Mice by Amplifying Suppressive Activity of Allospecific Foxp3⁺CD4⁺CD25⁺ Regulatory T (Treg) Cells. (Abstract #66)

Guliang Xia, Jie He, Joseph R. Leventhal. Chicago, IL.

3:15 PM Emergency Granulopoiesis Prevents Lung Allograft Acceptance. (Abstract #67)

Wenjun Li, Seiichiro Sugimoto, Jihong Zhu, Alexander S. Krupnick, Daniel Kreisel, Andrew E. Gelman. Saint Louis, MO.

3:27 PM Targeting the NK Cell Cytotoxicity Receptor Nkp46 Delays Acute Graft Rejection in a Murine Model of Heart Transplantation. (Abstract #68)

Cam-Tien Le, Katrin Klippert, Diana Stauch, Michael Rothe, Katja Kotsch. Berlin, Germany.

Concurrent Session 10: Morphological Phenotypes of Chronic Renal Allograft Injury

2:15 PM – 3:45 PM

Room 210

Chairs: Michael Fischereder, MD, and Michael Mengel, MD

2:15 PM The Impact of Acute Humoral Rejection on the Incidence of Transplant Glomerulopathy and Long Term Allograft Survival in ABO Incompatible Kidney Transplantation. (Abstract #69)

Lynn D. Cornell, Walter K. Kremers, Mark D. Stegall, James M. Gloor. Rochester, MN.

2:27 PM Clustering Methods Used in the DeKAF Study. (Abstract #70)

Lawrence Hunsicker, R. Leduc, J. Connett, A. Fieberg, J. M. Cecka, F. Cosio, R. Gaston, S. Gourishankar, J. Grande, P. Halloran, B. Kasiske, R. Mannon, D. Rush, A. Matas. Iowa City, IA; Minneapolis, MN.

2:39 PM Cluster Analysis Determination of Pathological Entities in Deterioration of Kidney Allograft Function (DeKAF). (Abstract #71)

Arthur Matas, R. Leduc, J. Connett, A. Fieberg, F. Cosio, R. Gaston, R. Mannon, L. Hunsicker, D. Rush, S. Gourishankar, P. Halloran, M. Cecka, J. Grande, B. Kasiske. Mpls, MN.

2:51 PM A "Movie" Is Worth 100 Words: Histopathologic Parameters Associated with Chronic Allograft Injury in 632 Serial Kidney Allograft Biopsies. (Abstract #72)

Jesse L. Lloyd, Julio Pascual, Arjang Djamali, Luis Fernandez, Drew Roenneburg, Jon Odorico, Hans Sollinger, John Pirsch, Milagros Samaniego, Jose Torrealba. Madison, WI; Madrid, Spain; Madison, WI.

3:03 PM Reorganizing Banff: Information Analysis Indicates a New Approach to the Histopathology Lesions. (Abstract #73)
 Banu Sis, Michael Mengel, Jeff Reeve, Gunilla Einecke, Bruce Kaplan, Philip Halloran. Edmonton, AB, Canada; Chicago, IL.

3:15 PM Expression of the Decay Accelerating Factor (CD55) in Renal Transplants – A Possible Prediction Marker of Allograft Survival. (Abstract #74)
 S. V. Brodsky, R. Pelletier, G. Nadasdy, A. Satoskar, G. A. Hadley, N. DiPaola, Tibor Nadasdy. Columbus, OH.

3:27 PM Early Renal Transplant Protocol Biopsies Directly Influence Patient Management. (Abstract #75)
 A. O. Mahendran, M. Elvey, A. J. Howie, P. Dupont, P. S. Veitch. London, United Kingdom.

2:51 PM New Parameters for Monitoring Long-Term Function after Renal Transplantation. (Abstract #79)
 Dietmar K. Abendroth, Michael Marzinzig, Juergen Kaden. Ulm, Germany; Berlin, Germany.

3:03 PM Messenger RNA for CTLA-4 in the Urine of Renal-Allograft Recipients. (Abstract #80)
 A. Webber, T. Muthukumar, R. Ding, C. Snopkowski, C. Chang, C. Hoang, M. Suthanthiran. NY, NY.

3:15 PM B-Cell Antigen Presentation Is Significantly Decreased among Rejection-Free Pediatric Transplant Recipients. (Abstract #81)
 Chethan Ashokkumar, Ankit Gupta, Mylarappa Ningappa, Qing Sun, Sara Snyder, George Mazariegos, Kyle Soltys, Geoff Bond, Rakesh Sindhi. Pittsburgh, PA.

3:27 PM Cellular Allo-Reactivity Against Paternal HLA (pHLA) Antigens (Ags) in Multiparous Normal Females (NF) as Detected by Intracellular Cytokine Flow Cytometry (CFC) Remains Elevated over Years Despite Diminution of Anti-HLA Antibody (AB) Levels, Suggesting allo-Ag Specific Memory Cell Activity. (Abstract #82)
 Mieko Toyoda, Shili Ge, Andy Pao, Chih-Hung Lai, Ashley Vo, Qi Wang, Pavel Pichurin, Geraldine Ong, Nathan Deer, Kai Cao, Angela Aguiluz, Artur Karasyov, Nancy Reinsmoen, Stanley C. Jordan. Los Angeles, CA.

Concurrent Session 11: Novel Immune Monitoring Strategies
2:15 PM – 3:45 PM

Room 312
Chairs: Paul Keown, MD, DSc, MBA, and Teun Van Gelder, MD

2:15 PM Reconstitution of Peripheral Blood B-Cells after Rituximab Treatment of Acute Renal Transplant Rejection in Pediatric Patients. (Abstract #76)
 Valeriya Zarkhin, Patricia Lovelace, Li Li, David Hirschberg, Minnie Sarwal.

2:27 PM Monitoring of the Immunomodulatory Effect of CP-690,550 by Analysis of the JAK/STAT Pathway in Stable Kidney Transplant Patients. (Abstract #77)
 Monique E. Quaedackers, Wendy Mol, Sander S. Korevaar, Eveline A. F. J. van Gurp, Wilfred F. J. van IJcken, Gary Chan, Willem Weimar, Carla C. Baan. Rotterdam, Netherlands; New London, CT.

2:39 PM Macrophage Gene Expression Is Skewed toward M1 Polarization in Acute Rejection Following Human Lung Transplantation. (Abstract #78)
 Aminu Mohammed, Geoffrey Lam, Adrianna C. Cardona, Andres Pelaez, E. C. Lawrence, Allan D. Ramirez, Seth D. Force, Allan D. Kirk, Christian P. Larsen, David C. Neujahr. Atlanta, GA.

Concurrent Session 12: Pancreas Transplantation I
2:15 PM – 3:45 PM

Ballroom C
Chairs: Jonathan Fridell, MD, and Raja Kandaswamy, MD, FACS

2:15 PM Pancreas Transplantation Outcomes from Donation after Cardiac Death Donors. (Abstract #83)
 David L. Scott, Stephen C. Rayhill, John M. Ham, Jordana Gaumont. Portland, OR.

2:27 PM **Pancreas Transplantation Using Expanded Criteria Donors. (Abstract #84)**
Anand Sivaprakash Rathnasamy
Muthusamy, Nancy H. Suh, Jens G. Brockmann, Sanjay Sinha, ANIL C. Vaidya, Peter Friend. Oxford, Oxfordshire, United Kingdom.

2:39 PM **Should Pancreas after Kidney Transplant Recipients Be Continued on Steroid-Free Maintenance Immunosuppression? (Abstract #85)**
M. Hill, T. Jie, A. Rezcallah, J. Aerts, T. Dunn, K. Gillingham, R. Kandaswamy, D. Sutherland, Abhinav Humar. Minneapolis, MN.

2:51 PM **Use of Histidine-Tryptophan-Ketoglutarate for Pancreas Allograft Preservation Is Not Cost Effective Resource Utilization. (Abstract #86)**
Zoe A. Stewart, Andrew M. Cameron, Nabil N. Dagher, Andrew L. Singer, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

3:03 PM **A Randomized, Prospective Trial of Alemtuzumab Versus Rabbit Anti-Thymocyte Globulin Induction in Kidney-Pancreas Transplantation: A Single Center Experience. (Abstract #87)**
Rajinder Singh, Alan Farney, Jeffrey Rogers, William Doares, Erica Hartmann, Amber Reeves-Daniel, Michael Gautreaux, Samy Iskandar, Patricia Adams, Robert Stratta. Winston-Salem, NC.

3:15 PM **Lower Rate of Acute Rejection with Rapamycin vs. Mycophenolate Mofetil in Simultaneous Pancreas-Kidney Transplant Recipients: 8-Year Follow-Up. (Abstract #88)**
George W. Burke, Gaetano Ciancio, Jeffrey J. Gaynor, Junichiro Sageshima, Linda Chen, Anne Rosen, David Roth, Warren Kupin, Joshua Miller. Miami, FL; Chicago, IL.

3:27 PM **Effects of Kidney and Kidney Pancreas Transplantation on Diabetic Enteropathy in Type 1 Diabetic Patients with End Stage Renal Disease: A 4 Years Longitudinal Study. (Abstract #89)**
Alessio Mocci, Elena Orsenigo, Valentina Tomajer, Andrea Vergani, Chiara Gremizzi, Rossana Caldara, Carlo Staudacher, Paolo Fiorina, Antonio Secchi. Milan, Italy.

Concurrent Session 13: Pediatric and DCD Donors

2:15 PM – 3:45 PM

Room 208

Chairs: Liise Kayler, MD, and Christopher Johnson, MD

2:15 PM **Kidney Transplantation from Pediatric Donors after Cardiac Death (DCD): 25 Year Experience in the Netherlands. (Abstract #90)**
Eva E. de Vries, Maarten G. Snoeijs, Ernest van Heurn. Maastricht, Netherlands.

2:27 PM **Untapped Resources: The Spectrum of Quality among Pediatric Donor Kidneys in the US. (Abstract #91)**
Joseph F. Magliocca, Jesse D. Schold, Shiro Fujita, Robin D. Kim, Alan W. Hemming, Liise K. Kayler. Gainesville, FL.

2:39 PM **Transplanting Single Kidneys from Donors under 5 Years of Age into Standard Adult Recipients: Can We Achieve Optimal Outcomes? (Abstract #92)**
V. P. Balachandran, M. J. Aull, M. Goris, J. M. Figueiro, D. B. Leeser, Sandip Kapur. New York, NY.

2:51 PM **One OPO's 12 Year Experience with Uncontrolled DCD Donation. (Abstract #93)**
Richard D. Hasz, Jr., Howard M. Nathan, Peter L. Abt, David J. Reich, John M. Edwards, Sharon M. West, Michael J. Moritz. Philadelphia, PA.

3:03 PM **The U.S. Experience in DCD Transplants. (Abstract #94)**
Wida Cherikh, Shandie Covington, Charlotte Carroll, Simon Horslen, Stuart Sweet. Richmond, VA; Seattle, WA; St. Louis, MO.

3:15 PM Cold Ischemia Time of More Than 20 Hours and Incision to Perfusion Time of More Than 7 Minutes Increase DGF Rate in DCD Kidneys. (Abstract #95)
Erik Schadde, Ami Koelliker, Stan Mitchell, Lori Markham, Jeffrey Reese, Richard Gilroy, Mark Wakefield, Dan Murillo, John Smith, Paul Nelson. Wichita, KS; Columbia, MO; Kansas City, MO; Westwood, KS; Kansas City, KS.

3:27 PM Does Choice of Induction Immunosuppression Matter in DCD Transplantation? (Abstract #96)
Jagbir Gill, Yong Cho, John Gill, David Landsberg, Marcelo Sampaio, Tariq Shah. Vancouver, BC, Canada; LA, CA.

3:45 pm Break

Concurrent Session 14: Acute Kidney Rejection: Clinical
4:00 PM – 5:30 PM

Ballroom B
Chairs: Angelo De Mattos, MD, and David Rush, MD

4:00 PM Late Increase in Subclinical Rejection Episodes in Patients Treated with Alemtuzumab Induction and Steroid-Free Immunosuppression. (Abstract #97)
Brian Cabral, Amna Daud, Lorenzo Gallon, Bing Ho, Joseph R. Leventhal, Xunrong Luo, Nedjema Reodica, John J. Friedewald. Chicago, IL.

4:12 PM The CLEAR Study: A Prospective, Randomized, Controlled, Open-Label, Multicentre 6-Month Study Comparing the Efficacy and Safety of a 5-Day 3-g Daily Mycophenolate Mofetil (MMF) Loading Dose Versus Standard 2-g MMF Daily Dosing in Renal Allograft Transplant Recipients. (Abstract #98)
Sita Gourishankar, Isabelle Houde, Paul Keown, Michelle Wrobel, Bryce Kiberd. Edmonton, AB, Canada; Québec City, QC, Canada; Vancouver, BC, Canada; Mississauga, ON, Canada; Halifax, NS, Canada.

4:24 PM EC-MPS Is Associated with Superior Efficacy Outcomes Compared to MMF in *De Novo* Kidney Transplant Patients: A Pooled Analysis. (Abstract #99)
M. Salvadori, K. Budde, H. Holzer, W. Arns, G. Civati, B. Lien. Italy; Germany; Austria; Germany; Italy; Norway.

4:36 PM Renal Benefit of Belatacept vs Cyclosporine in Kidney Transplant Patients Is Not Impacted by Acute Rejection (BENEFIT Study). (Abstract #100)
C. Larsen, F. Vincenti, J. M. Grinyo, B. Charpentier, G. B. Di Russo, P. Garg, Y. Dong.

4:48 PM Successful ABO-Incompatible Renal Transplantation with Conventional Immunosuppression Alone – No Splenectomy, No Rituximab & No Antibody Removal. (Abstract #101)
Shlomo J. Cohny, Shaun Flint, Peter Hughes, Rosemary Masterson, Michael Haeusler, Chris Hogan. Parkville, Victoria, Australia.

5:00 PM The Complex Relationships between Anti-HLA Antibodies (AB) and Acute Cellular Rejection (ACR). (Abstract #102)
Fernando G. Cosio, Donna L. Lager, Hatem Amer, Irfan Kundi, Elizabeth Lorenz, James M. Gloor, Mark D. Stegall. Rochester, MN.

5:12 PM Rejection Characteristics of 200 Living Donor Kidney Transplants Using Alemtuzumab Induction and Tacrolimus Monotherapy: 4 Year Follow-Up. (Abstract #103)
Henkie P. Tan, Joseph Donaldson, Amit Basu, Claire Morgan, Vivek Sharma, Mark Unruh, Jerry McCauley, Christine Wu, Nirav Shah, Parmjeet Randhawa, Adriana Zeevi, Alin Girnita, Ron Shapiro. Pittsburgh, PA.

Concurrent Session 15: Donor/ Recipient Factors and SCDs

4:00 PM – 5:30 PM

Room 210

Chairs: Michael Moritz, MD, and Robert Stratta, MD

- 4:00 PM Donor Hypertension Is the Most Important Pretransplant Factor Predicting Graft Loss in Kidney Transplantation from Donation after Brain Death Standard Criteria Donors. (Abstract #109)**
Rajinder Singh, Alan Farney, Jeffrey Rogers, Michael Gautreaux, Amber Reeves-Daniel, Erica Hartmann, Samy Iskandar, Patricia Adams, Robert Stratta. Winston-Salem, NC.
- 4:12 PM Donor and Recipient Gender Interactions Significantly Impact Kidney Transplant Outcome. (Abstract #104)**
Titte Srinivas, E. Poggio, S. Flechner, R. Fatica, D. Goldfarb, M. Askar, J. Schold.
- 4:24 PM Kidney and Recipient Weight Incompatibility: A Cause of Early Proteinuria and Reduced Long-Term Graft Survival. (Abstract #105)**
Magali Giral, Yohann Foucher, Yann Labrune, Georges Karam, Michele Kessler, Bruno Hurault de Ligny, Matthias Büchler, Francois Bayle, Carole Meyer, Pascal Daguin, Jean Paul Souillou. Nantes, France; Nancy, France; Caen, France; Tours, France; Grenoble, France; Strasbourg, France.
- 4:36 PM New Additions to the Donor Pool Do Not Benefit Young Kidney Recipients. (Abstract #106)**
Edip Akpinar. Miami, FL.
- 4:48 PM Charlson Comorbidity Index Predicts Patient Survival Independent of Age Following Deceased Donor Renal Transplantation. (Abstract #107)**
David B. Leiser, Meredith Aull, Ryan Cauley, Jose M. Figueiro, Sandip Kapur. New York, NY.

- 5:12 PM Excellent Results Transplanting Kidneys from Donors with Acute Renal Failure. (Abstract #108)**
Rebecca Gordon, Megan Shaughnessy, Kimi Ueda, Shanna Perales, Parul Patel, Ram Peddi, Steve Katznelson, Harish Mahanty, Assad Hassoun, William Bry. San Francisco, CA; Oakland, CA.

- 5:12 PM Mitochondrial Membrane Potential as a Predictor of Post-Transplant Renal Graft Function. (Abstract #110)**
Bonnie E. Lonze, J. Keith Melancon, Xiuying Zhang, Andrew L. Singer, Andrew M. Cameron, Dorry L. Segev, Robert A. Montgomery, Daniel S. Warren, G. Melville Williams, Zhaoli Sun. Baltimore, MD; Washington, DC.

Concurrent Session 16: Histocompatibility and Immunogenetics

4:00 PM – 5:30 PM

Room 310

Chairs: Howard Gebel, PhD, and Nancy Reinsmoen, PhD

- 4:00 PM Report from a Kidney Paired Donation Centralized Lab Representing over 70 Transplant Programs and Performing 325 Crossmatches Resulting in 30 Transplants. (Abstract #111)**
Annette R. Blair, Connie I. Smith, Laurie Reece, Amy Miller, Julie Melendez, Michael A. Rees. Toledo, OH.
- 4:12 PM Circulating Anti-Class II Predicts the Inflammatory Burden in Renal Transplant Biopsies. (Abstract #112)**
Luis G. Hidalgo, Patricia M. Campbell, Phil F. Halloran. Edmonton, AB, Canada.
- 4:24 PM Why Can Sensitization by a HLA-DR2 Mismatch Lead to Antibodies That React Also with HLA-DR1? (Abstract #113)**
Rene J. Duquesnoy, Marilyn Marrari. Pittsburgh, PA.

- 4:36 PM** **Pre-Transplant Autoantibodies Predispose to Chronic Human Lung Allograft Rejection (BOS) by Inducing Primary Graft Dysfunction (PGD) and Alloimmunity. (Abstract #114)**
 Ankit Bharat, Deepti Saini, Ramsey Hachem, Elbert P. Trulock, Bryan F. Meyers, G. A. Patterson, T. Mohanakumar.
- 4:48 PM** **Low Expressing IL-10 Genotypes (IL10-592 AA and IL10-819 TT) Are Strongly Associated with Histological Scores Characteristic of Chronic Allograft Failure. (Abstract #115)**
 Faisal M. Khan, Aylin Sar, Ipek I. Gonul, Hallgrimur Benediktsson, Serdar Yilmaz, Noureddine Berka. Calgary, AB, Canada.
- 5:00 PM** **Conferral of Resistance Against Alloreactive Cytotoxicity to Primary Human Hematopoietic Progenitor Cells by siRNA Interference of HLA Class I Expression. (Abstract #116)**
 James C. Cicciarelli, Nathan A. Lemp, Kazunori Haga, Kathryn Houston, Cecil Rhodes, Suhad Musa, Amy Lin, Katrin Hacke, Christopher R. Logg, Emmanuelle Faure-Kumar, Robert Mendez, Tariq Shah, Carol A. Kruse, Noriyuki Kasahara. Los Angeles, CA; La Jolla, CA.
- 5:12 PM** **Prevention of Acute GvHD during Haplo-BMT: Evaluating the Efficacy of T-Cell Costimulation Blockade Using a Novel Rhesus Macaque Transplant Model. (Abstract #117)**
 Weston Miller, Caleb Wheeler, Angela Panoskaltis-Mortari, Allan Kirk, Christian P. Larsen, Bruce R. Blazar, Leslie Kean.

Concurrent Session 17: Immune Monitoring: Chronic Allograft Damage and Chronic Humoral Rejection

4:00 PM – 5:30 PM

Room 309

Chairs: Susan Marino, MD, PhD, and Kathryn Tinckam, MD

- 4:00 PM** **Detection of Donor-Specific HLA Antibodies in Kidney Transplant Patients before and after Allograft Nephrectomy. (Abstract #118)**
 Rene Duquesnoy, Marilyn Marrari. Pittsburgh, PA.
- 4:12 PM** **Broad Autoantibody Responses in Chronic Humoral Rejection of Human Kidney Allografts. (Abstract #119)**
 Fabrice Porcheray, Julie DeVito, Susan L. Saidman, Beow Y. Yeap, Tim Girouard, Rosemary Paine, Lijuan Xue, Ian Dargon, Robert B. Colvin, Waichi Wong, Emmanuel Zorn. Boston, MA.
- 4:24 PM** **Organ Specific Autoantibodies Are Associated with Chronic Allograft Injury in Solid Organ Transplant Recipients. (Abstract #120)**
 R. Dinavahi, E. Akalin, S. Pinney, T. Mohanakumar, P. S. Heeger. NY, NY; St. Louis, MO.
- 4:36 PM** **BAFF Dysregulation in Renal Transplant Patients Treated with Campath-1H. (Abstract #121)**
 Debra D. Bloom, Kyle Pauly, Zhen Chang, John H. Fechner, Jean Kwun, Millie Samaniego, Stuart J. Knechtle. Madison, WI; Atlanta, GA.
- 4:48 PM** **Noninvasive Diagnosis of Renal Interstitial Fibrosis and Tubular Atrophy (IF/TA) by Measurement of Epithelial to Mesenchymal Transition (EMT) Genes in Urine. (Abstract #122)**
 Thangamani Muthukumar, Ruchuang Ding, Catherine Snopkowski, Aurélie Hummel, Vijay K. Sharma, Darshana Dadhania, Surya Seshan, Manikkam Suthanthiran, Dany Anglicheau. New York, NY.

5:00 PM Evidence for Immune Activation in Kidney Transplant Recipients Who Develop Anti-HLA Antibodies: Interim Report of CTOT-02. (Abstract #123)
A. Chandraker, B. Mfarrej, S. De Serres, I. Guleria, C. Dyer, N. Najafian, Y. Morrison, N. Bridges, D. Ikle, W. Bennett, A. B. Cosimi, J. Friedewald, A. O. Gaber, N. Goes, B. Kaplan, V. Kumar, D. Norman, A. Olyaei, M. Pavlakis, F. Weng, P. West, F. Vincenti, M. H. Sayegh.

5:12 PM Transcripts Associated with Metabolism Identify Kidneys Prone To Develop BK Virus Nephropathy. (Abstract #124)
Thomas F. Mueller, Motaz Obeidat, Zija Jacaj, Philip F. Halloran, Atul Humar. Edmonton, AB, Canada.

Concurrent Session 18: Kidney: Complications II

4:00 PM – 5:30 PM

Room 302/304

Chairs: Sameh Abul-Ezz, MD, DrPH, and

Marco Covarrubias Velasco, MD

4:00 PM Long Term Cost-Effectiveness of Hypothermic Machine Perfusion Versus Static Cold Storage in Kidney Transplantation. (Abstract #125)
H. Groen, C. Moers, J. M. Smits, J. Treckmann, D. Monbaliou, A. Rahmel, A. Paul, J. Pirenne, R. J. Ploeg, E. Buskens. Groningen, Netherlands; Leiden, Netherlands; Essen, Germany; Leuven, Belgium.

4:12 PM Kidney Transplant in Hemodialysis Patients with Chronic Hypotension Have a High Risk of Post-Transplant Graft Thrombosis and Poorer Short Term Renal Function. (Abstract #126)
Amado Andres, Jorge Gonzalez, Enrique Morales, Jose M. Morales, Natalia Polanco, Esther Gonzalez, Rafael Diaz, Filógenes Aguirre, Oscar Leiva, Ana Hernandez, Manuel Praga. Madrid, Spain.

4:24 PM Dupelx-Ultrasound (DUS) and Contrast-Free MR-Angiography (MRA) for the Diagnosis of Vascular Complications after Kidney Transplantation as Compared with i.a. Digital Subtraction Angiography (DSA). (Abstract #127)
Adina S. Voiculescu, Sora Won, Rotem Lanzmann, Lars C. Rump, Wilhelm Sandmann, Ulrich Moedder, Dirk Blondin. Duesseldorf, Germany.

4:36 PM Donor Type Does Not Influence the Incidence of Major Urological Complications after Kidney Transplantation. (Abstract #128)
Vasilis Kosmoliaptsis, Kourosh Saeb-Parsy, Menna R. Clatworthy, Gavin J. Pettigrew, Christopher J. Watson, J. Andrew Bradley. United Kingdom.

4:48 PM Post Transplant Renal Artery Stenosis – Does the Source of Kidney Matter? (Abstract #129)
Manimaran Ranganathan, Adel Ilham, Nagappan Kumar.

5:00 PM Selective Use of Bilateral Native Nephrectomy in Renal Transplant Candidates & Recipients with Autosomal Dominant Polycystic Kidney Disease. (Abstract #130)
David J. Rea, Patrick G. Dean, George K. Chow, Mark D. Stegall, Mikel Prieto. Rochester, MN.

5:12 PM Coronary Angiography as the Initial Diagnostic Test for Coronary Artery Disease in Diabetic Patients Being Evaluated for Renal Transplantation. (Abstract #131)
Benjamin Tillinger, Miret Habashy-Ibrahim, Fawaz Alhumaid, Beth Bouthot, Sherif Labib, Richard Nesto. Burlington, MA.

Concurrent Session 19: Liver: Immunosuppression and Renal Function

4:00 PM – 5:30 PM

Ballroom C

Chairs: *Elmahdi Elkhammas, MBBS, FACS, and Michael Zimmerman, MD*

4:00 PM Efficacy of Mycophenolate Mofetil/Sirolimus Maintenance Therapy after CNI Withdrawal in Liver Transplant Recipients: 1-Year Outcomes of the Spare-the-Nephron (STN) Trial. (Abstract #132)

L. Teperman, L. Sher, P. Marotta, A. Sebastian, D. Moonka, D. Patel, B. Koneru, G. Klintmalm, J. Roberts.

4:12 PM Everolimus Is Effective and Safe in Maintenance Liver Transplant Patients: Results of a Multicenter Randomized Conversion Study. (Abstract #133)

Paolo De Simone, Frederic Nevens, Harald Metselaar, Martina Sterneck, Jerome Dumortier, Lionel Rostaing, Emiliano Giostra, Evaristo Varo. Pisa, Italy.

4:24 PM Converting Existing Patients to a Sirolimus Based Calcineurin Inhibitor Free Immunosuppression in Liver Transplant: It Can Be Done Safely. (Abstract #134)

Greg J. McKenna, Edmund Q. Sanchez, Srinath Chinnakotla, Henry B. Randall, Nicholas Onaca, Richard Ruiz, Marlon F. Levy, Robert M. Goldstein, Goran B. Klintmalm. Dallas, TX.

4:36 PM Outcomes and Characteristics of Liver Transplant Recipients Administered Sirolimus from Time of Discharge: An Analysis of the UNOS Database. (Abstract #135)

James F. Trotter, John Roberts, Mark Ghobrial, Gordon R. Ingle, Chris Freise, Jasmine Mathias, Igal Kam, Steve Arcona, William Irish. Aurora, CO; San Francisco, CA; Houston, TX; East Hanover, NJ; Durham, NC.

4:48 PM The Influence of Induction Therapy on Patient Survival after Liver Transplantation as a Function of Baseline Renal Function. (Abstract #136)

Dilip K. Moonka, Alissa Kapke. Detroit, MI.

5:00 PM Longterm Outcome of Liver Transplant Recipients with Poor Renal Function Treated with Induction Therapy by Basiliximab. (Abstract #137)

Faouzi Saliba, Valerie Delvart, Philippe Ichai, Marie Kouassi, Teresa Maria Antonini, Denis Castaing, Didier Samuel. Villejuif, France.

5:12 PM Outcomes of Simultaneous Liver/Kidney (SLK) Transplants Are Equivalent to Kidney Transplant Alone (KTA): A Review of 1300 Recipients. (Abstract #138)

Steven Hanish, Milagros Samaniego, Joshua Mezrich, David Foley, Glen Leverson, David Lorentzen, Stuart Knechtle, Hans Sollinger, John Pirsch, Anthony D' Alessandro, Luis Fernandez. Madison, WI.

Concurrent Session 20: Living Donors and Partial Grafts I

4:00 PM – 5:30 PM

Ballroom A

Chairs: *Elizabeth Pomfret, MD, PhD, and James Trotter, MD*

4:00 PM Laparoscopy-Assisted and Open Live Liver Donation: A Comparison of Outcomes and Cost. (Abstract #139)

Talia B. Baker, Colleen Jay, Lori Clark, Luke Preczewski, Michael Abecassis. Chicago, IL.

4:12 PM Portal Pressure Control Can Improve Survivals in Adult-to-Adult Living Donor Liver Transplant (A-LDLT), Even with Smaller Grafts Than before. (Abstract #140)

Yasuhiro Ogura, Tomohide Hori, Walid M. Elmoghazy, Hiroto Egawa, Shinji Uemoto. Kyoto, Japan.

4:24 PM Liver Regeneration in Donors and Recipients in the Adult-to-Adult Living Donor Liver Transplant Cohort Study (A2ALL). (Abstract #141)

K. M. Olthoff, J. C. Emond, J. F. Trotter, L. Tong, R. M. Merion, T. B. Baker, C. L. Berg, R. A. Fisher, C. E. Freise, P. H. Hayashi, J. Hong, J. E. Everhart, The A2ALL Study Group. Bethesda, MD.

4:36 PM Population Based Comparison of Right Lobe Donor Hepatectomy with Elective Right Hepatectomy for Other Causes in New York from 2001-2006. (Abstract #142)

Nicholas G. Csikesz, Anand Singla, Adel Bozorgzadeh, Shimul A. Shah. Worcester, MA.

4:48 PM Donor Specific B Cell Hyporesponsiveness after ABO Incompatible Living Donor Liver Transplantation. (Abstract #143)

Hiroto Egawa, Aya Miyagawa-Hayashino, Hiroaki Tsuji, Kimiko Yurugi, Shinji Uemoto. Kyoto, Japan.

5:00 PM Excessive Portal Shunting Promotes Endothelin-1 (ET-1) Overexpression and Liver Failure in Small-for-Size Grafts. (Abstract #144)

O. Sanchez, C. Fondevila, A. J. Hessheimer, B. Escobar, J. Munoz, D. Calatayud, S. Sanchez, J. Fuster, P. Taura, A. Rimola, J. C. Garcia-Valdecasas. Barcelona, Spain.

5:12 PM A Low Graft vs Body Weight Ratio down to 0.6 Does Not Predict Outcome Following Adult-to-Adult Right Lobe Living Donor Liver Transplantation. (Abstract #145)

Markus Selzner, Arash Kashfi, Nazia Selzner, Mark S. Cattral, Lesly E. Adcock, Paul D. Greig, Anand Ghanekar, George Therapondos, Ian D. McGilvray, Les Lilly, Eberhard L. Renner, Gary A. Levy, David R. Grant. Toronto, ON, Canada.

Concurrent Session 21: Non-Organ Specific - Organ Preservation

4:00 PM – 5:30 PM

Room 208

Chairs: Yolanda Becker, MD, and Rutger Ploeg, MD, PhD

4:00 PM Machine Perfusion Versus Cold Storage Preservation in Non-Heart-Beating Kidney Donation and Transplantation: Results of a Multicentre Trial in Eurotransplant. (Abstract #146)

J. Pirenne, J. Smits, C. Moers, M. Maathuis, J. Treckmann, B. Napieralski, M. van Kasterop-Kutz, J. Homan van der Heide, E. van Heurn, G. Kirste, A. Rahmel, H. Leuvenink, A. Paul, D. Monbaliu, I. Jochmans, J. Squifflet, R. Ploeg. Netherlands.

4:12 PM A Clinically Useful Predictive Model for Progression to Death in Donation after Cardiac Death (DCD). (Abstract #147)

Jason Y. Rhee, Robin Ruthazer, Kevin O'Connor, Francis L. Delmonico, Richard Luskin, Richard B. Freeman. Boston, MA; Newton, MA.

4:24 PM Histidine-Tryptophan-Ketoglutarate (HTK) Is Associated with Reduced Graft Survival of Deceased Donor Kidney Transplants. (Abstract #148)

Zoe A. Stewart, Bonnie E. Lonze, Daniel S. Warren, Nabil N. Dagher, Andrew L. Singer, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

4:36 PM Preservation/Reperfusion Injury Is Attenuated by Hypothermic Machine Perfusion in Human Liver Transplantation. (Abstract #149)

Scot D. Henry, Ben Arrington, Benjamin Samstein, Sean W. C. Chen, Michael J. Goldstein, Jean C. Emond, H. Thomas Lee, James V. Guarrera. New York, NY.

4:48 PM **A Non-Human Primate Model for the Characterization of Systemic Inflammatory Changes Related to Brain Death. (Abstract #151)**
 Juan S. Danobeitia, Jamie M. Sperger, Juan L. Contreras, Matthew S. Hanson, Alice Schwarznau, Luis A. Fernandez.

5:00 PM **Machine Perfusion vs. Cold Storage in Transplantation of Kidneys from Donors Older Than 65 Years: Results of a Randomized Multicenter Trial. (Abstract #152)**
 Andreas Paul, Cyril Moers, Jacqueline M. Smits, Mark H. Maathuis, Anja Gallinat, Bogdan P. Napieralski, Ernest van Heurn, Guenter R. Kirste, Margitta van Kasterop Kutz, Jaap J. Homan van der Heide, Jean-Paul Squifflet, Axel Rahmel, Henri G. D. Leuvenink, Jacques Pirenne, Rutger J. Ploeg, Juergen Treckmann. Germany; Netherlands; Belgium.

5:12 PM **A Single Center Experience Using Extracorporeal Support in Donation after Cardiac Death Donors: Improved Outcomes for Renal and Extrarenal Transplantation. (Abstract #150)**
 Rajinder Singh, Michael Hines, Alan Farney, Jeffrey Rogers, Erica Hartmann, Amber Reeves-Daniel, Michael Gautreaux, David Kiger, Samy Iskandar, Patricia Adams, Robert Stratta. Winston-Salem, NC.

4:12 PM **Dendritic Cell Plus IL-2/TGF-β1 Differentiated FOXP3+CD25+CD4+ T Regulatory Cells Are Alloantigen Specific and Protect Islet Allografts with Exquisite H-2 Specificity. (Abstract #154)**
 Elaine Cheng, Raymond Weir, Mila Lagman, Vijay Sharma, Manikkam Suthanthiran, Hua Yang. New York, NY.

4:24 PM **Generation of Regulatory Lymphocytes by Mesenchymal Stem Cells. (Abstract #155)**
 Meindert J. Crop, Carla C. Baan, Sander S. Korevaar, Willem Weimar, Martin J. Hoogduijn. Rotterdam, Netherlands.

4:36 PM **Mesenchymal Stem Cells as an Immune Modulator in Pancreatic Islet Allograft. (Abstract #156)**
 Duck Han, Yang Hee Kim, Dong Gyun Lim, Yu Mee Wee, Monica Young Choi, Song Cheol Kim. Seoul, Korea.

4:48 PM **Co-Transplantation of Syngeneic MSCs Delays Islet Allograft Rejection Generates a Local Immunoprivileged Site. (Abstract #157)**
 Andrea Augello, Andrea Vergani, Mollie Jurewicz, Shirine Dada, Francesca D'Addio, Alessio Mocci, Mohamed H. Sayegh, Reza Abdi, Paolo Fiorina. Boston, MA.

5:00 PM **A Novel Clinically Relevant Strategy To Promote Fully Allogeneic Islet Cell Engraftment in NOD Mice. (Abstract #158)**
 Andrea Vergani, Francesca D'Addio, Mollie Jurewicz, Shirine Dada, Reza Abdi, John Williams, Christian Schuetz, Shaoping Deng, James Markmann, Mohamed H. Sayegh, Paolo Fiorina. Boston; Milan, Italy; Cambridge; Boston.

Concurrent Session 22: Novel Methods of Immune Regulation in Islet Transplantation

4:00 PM – 5:30 PM

Room 312

Chairs: Ronald Gill, PhD, and R. Brian Stevens, MD, PhD, FACS

4:00 PM **Prevention of Acute Islet Graft Rejection by In Vitro Generated CD4+CD25+Foxp3+ Regulatory T Cells. (Abstract #153)**
 Qing Yang, Kathryn Pothoven, Hong Zhang, Stephen D. Miller, Xunrong Luo.

5:12 PM **LFA-3-Ig (Alecept) Prolongs Allograft Survival by Targeting Costimulation Blockade Resistant T Effector Memory Cells in Non-Human Primate Islet Transplantation. (Abstract #159)**
 Alexandra P. Turner, Timothy Weaver, Raul Badell, Jose Cano, Jose Avila, Pamela Turner, Frank Leopardi, Elizabeth Strobert, Christian P. Larsen, Allan D. Kirk. Atlanta, GA.

Concurrent Session 23: PTLD/ Malignancy

4:00 PM – 5:30 PM

Room 206

Chairs: Michael Green, MD, MPH, and Camille Kotton, MD

- 4:00 PM High Numbers of FOXP3⁺ T Cells and Poor Lymphocyte Proliferation Identifies Patients at High Risk of Developing Squamous Cell Cancer after Renal Transplantation. (Abstract #160)**
Robert P. Carroll, David S. Segundo Arribas, Taane G. Clark, Paul N. Harden, Kathryn J. Wood. Oxford, Oxfordshire, United Kingdom.
- 4:12 PM Association of HLA Polymorphisms with PTLD in Organ Transplant Recipients. (Abstract #161)**
Marlise Luskin, Ran Reshef, Sarah Vardhanabhuti, Daniel Heitjan, Malek Kamoun, John Tomaszewski, Simin Goral, Mariell Jessup, Vivek Ahya, Kim Olthoff, Donald Tsai. Philadelphia, PA.
- 4:24 PM DC Generated from EBV-Seronegative Pediatric Heart Transplant Patients Prime Tr1 (IL-10⁺) EBV-Specific CD8⁺ T Cells. (Abstract #162)**
Iulia Popescu, Camila Macedo, Louise Smith, Michael Green, David Rowe, Walter Storkus, Steve Weber, Diana Metes. Pittsburgh, PA.
- 4:36 PM EBV-Negative PTLD: 20 Year Experience in a Large Transplant Center. (Abstract #163)**
R. Reshef, M. Luskin, A. Morgans, N. Pfanztel, R. Bloom, S. Brozena, V. Ahya, K. Olthoff, D. Tsai. Philadelphia, PA.

- 4:48 PM This Multicentre, Randomised Study Comparing Conversion from Calcineurin Inhibitors (CNIs) to Sirolimus Versus Standard Therapy in Renal Allograft Recipients Showed a Lower Rate of Development of Subsequent Malignant Disease in the Group Receiving Sirolimus. (Abstract #164)**
Keshwar Baboolal, Micheal Zaiac, Aurelia Zamauskaite, Charles Newstead. Cardiff, Wales, United Kingdom; Maidenhead, Berkshire, United Kingdom; Leeds, West Yorkshire, United Kingdom.
- 5:00 PM Incidence and Predictors of De Novo Renal Cell Carcinoma after Kidney Transplantation. (Abstract #165)**
Lindsey J. Graham, Frank P. Hurst, Rahul M. Jindal, Edward M. Falta, Lawrence Y. Agodoa, Robert T. Neff, Kevin C. Abbott. Washington, DC; Washington, DC; Bethesda, MD.
- 5:12 PM Inhibition of mTORC1 Attenuate Uroepithelial Carcinoma and Leads to AKT Activation. (Abstract #166)**
Ming-Ju Wu, Chi-Hao Chang, Kuo-Hsiung Shu, Jian-Ri Li. Taichung, Taiwan.

Concurrent Session 24: Small Bowel

4:00 PM – 5:30 PM

Room 306

Chairs: Alan Langnas, DO, and Antonio Pinna, MD

- 4:00 PM The Impact of MELD/PELD Modifications on Liver-Intestine Transplant Candidates. (Abstract #167)**
Jonathan P. Fryer, Leo Han, Whitney Halgrimson, Eileen DeMayo, Ed Wang, Allan Buchman. Chicago, IL.
- 4:12 PM Evolution and Minimization of Immunosuppression in Five Hundred Intestinal and Multivisceral Transplantations at a Single Center. (Abstract #168)**
Kareem M. Abu-Elmagd, Guilherme Costa, Geoffrey J. Bond, Kyle Soltys, Rakesh Sindhi, Tong Wu, Noriko Murase, Ruy Cruz, Adriana Zeevi, George Mazariegos. Pittsburgh, PA.

- 4:24 PM** **HLA Haplotype Distribution and Frequency of Panel Reactive Antibodies (PRA) Influencing Graft Outcome and Early Detection of Small Bowel Transplant Rejection. (Abstract #169)**
 Rolando O. Garcia-Morales, Andreas Tzakis, Debbie Weppler, Carmen I. Gomez, Panagiotis Tryphonopoulos, Phillip Ruiz. Miami, FL.
- 4:36 PM** **Outcomes after ABO-Identical and ABO-Compatible Organ Matching in Intestinal Transplantation. (Abstract #170)**
 Raffaele Giralanda, Cal S. Matsumoto, Stuart S. Kaufman, Erin M. Fennelly, Kirti Shetty, Chirag Desai, Jaqueline Laurin, Vandad Raofi, Joseph K. Melancon, Lynt B. Johnson, Thomas M. Fishbein. Washington, DC.
- 4:48 PM** **Single Center Experience with Pediatric Multivisceral Transplantation: Factors Impacting Patient Survival. (Abstract #171)**
 Eddie R. Island, Seigo Nishida, David Levi, Genarro Selvaggi, Jang Moon, Akin Tekin, Lesley Smith, Andreas Tzakis. Miami, FL.
- 5:00 PM** **Outcomes in Children Following Intestinal Transplant. (Abstract #172)**
 Oliver B. Lao, Patrick J. Healey, James D. Perkins, Jorge D. Reyes, Adam B. Goldin. Seattle, WA.
- 5:12 PM** **Risk Stratification of Cytomegalovirus Disease in Intestinal Transplantation. (Abstract #173)**
 Chirag S. Desai, Cal S. Matsumoto, Stuart S. Kaufman, Raffaele Giralanda, Kirti Shetty, Jacqueline M. Laurin, Vandad Raofi, Joseph K. Melancon, Lynt B. Johnson, Thomas M. Fishbein. Washington, DC.

Concurrent Session 25: The Status of Desensitization: Outcomes, New Therapies and Immunological Insights

4:00 PM – 5:30 PM

Auditorium

Chairs: Mark Pescovitz, MD, and Milagros Samaniego, MD

- 4:00 PM** **Long-Term (1,3,5,7 & 9 Year) Outcomes in Highly-HLA Sensitized Patients Receiving Desensitization. (Abstract #174)**
 Alice Peng, Rafael Villicana, Ashley Vo, Stanley Jordan. Los Angeles, CA.
- 4:12 PM** **Monthly Ibandronate Prevents Bone Loss and Fractures after Liver Transplantation (LTX). (Abstract #175)**
 Daniel Kaemmerer, Gabriele Lehmann, Gunter Wolf, Schmidt Benjamin, Settmacher Utz, Hommann Merten. Bad Berka, Germany; Jena, Germany.
- 4:24 PM** **Induction Immunosuppression in Crossmatch Positive Renal Transplant Recipients: Results of a Randomized Controlled Clinical Trial. (Abstract #176)**
 Jayme E. Locke, Christopher E. Simpkins, Mary S. Leffell, Andrea A. Zachary, Vanessa Collins, Daniel S. Warren, Dorry L. Segev, Andrew L. Singer, Mark Haas, Robert A. Montgomery.
- 4:36 PM** **Effect of Proteasome Inhibition on Alloantibody Secreting Cells In Vivo. (Abstract #177)**
 Tayyab Diwan, Justin Burns, Dana Perry, James Gloor, Manish Gandhi, Mark Stegall. Rochester, MN.
- 4:48 PM** **Prevention of Acute Humoral Rejection with C5 Inhibition. (Abstract #178)**
 Mark D. Stegall, Tayyab S. Diwan, Justin M. Burns, Patrick G. Dean, Lynn D. Cornell, Manish J. Gandhi, Fernando G. Cosio, James M. Gloor. Rochester, MN.

5:00 PM **Effect of Desensitization on Complement Activation by HLA-Specific Antibodies. (Abstract #179)**
Andrea A. Zachary, Donna P. Lucas, Robert A. Montgomery, Mary S. Leffell. Baltimore, MD.

5:12 PM **Monitoring CD4+/CD25+/Foxp3+ Regulatory T Cells (Tregs) in Highly-HLA Sensitized Patients (HS) Desensitized with IVIG+Rituximab: Association with Antibody-Mediated Rejection (AMR) and Allograft Outcomes. (Abstract #180)**
Pavel N. Pichurin, Andy Pao, Shili Ge, Artur Karasyov, Nathan Deer, Angela Aguiluz, Stanley C. Jordan, Mieko Toyoda. Los Angeles, CA.

Concurrent Session 26: Tolerance I: T Regulatory Cells

4:00 PM – 5:30 PM

Room 311

Chairs: Jessamyn Bagley, PhD, and Anne van Buskirk, PhD

4:00 PM **Epigenetic Regulation of Foxp3 Expression in Tolerance and Inflammation. (Abstract #181)**
Girdhari Lal, Nan Zhang, William van der Touw, Yaozhong Ding, Jonathan S. Bromberg. New York City, NY.

4:12 PM **Proprotein Convertase Processing of Foxp3 at Two Discrete RXXR Motifs Generates Functionally Distinct Subpopulations of Regulatory T Cells. (Abstract #182)**
Engin Özkaynak, Edwin F. de Zoeten, Guanghui Ge, Wayne W. Hancock. Philadelphia, PA.

4:24 PM **Identification of the Lysines in the Forkhead Domain of Foxp3 Required for Treg Suppressive Functions. (Abstract #183)**
Yujie Liu, Engin Özkaynak, Liqing Wang, Wayne W. Hancock. Philadelphia, PA.

4:36 PM **FGL2 Transgenic Mice Accepted Fully-Mismatched Cardiac Allografts without the Need for Immunosuppression. (Abstract #184)**
Agata Bartczak, Wei He, Itay Shalev, Michael Mendicino, Yi Zhu, Eric Kaplovitch, Oyedele Adeyi, James Phillips, David Grant, Gary Levy. Toronto, ON, Canada.

4:48 PM **Jak3/Stat5a/b Signaling Is Critical for Both Natural (nTreg) and Inducible (iTreg) CD4+CD25+Foxp3+ Regulatory T Cell Function. (Abstract #185)**
Mithun Khattar, Whenhao Chen, Stanislaw M. Stepkowski. Toledo, OH.

5:00 PM **Strategies To Promote Tolerance through Augmented Treg Homeostasis. (Abstract #186)**
Ying Wang, Geoffrey Camirand, Songyan Deng, Monica Froicu, David Rothstein. New Haven, CT; Pittsburgh, PA.

5:12 PM **Regulatory T Cell Suppression of Allograft Rejection Does Not Require Secondary Lymphoid Organs. (Abstract #187)**
Geoffrey Camirand, David M. Rothstein, Fadi G. Lakkis. Pittsburgh, PA; New Haven, CT.

Poster Session II

5:30 PM – 6:30 PM

Poster Viewing: 8:00 AM – 6:30 PM
Presenters in Attendance: 5:30 PM – 6:30 PM

*Exhibit Hall C, Second Floor
John B. Hynes Convention Center
Poster Session II Program can be found on pages 135-152.*

Industry – Sponsored Event

6:30 PM – 9:30 PM

Presented by Astellas and the Creative Coalition

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Monday, June 1, 2009

7:00 AM – 8:15 AM Sunrise Symposia

Page 92 **Sunrise Symposium I: Utility of Virtual Crossmatch in Solid Organ Transplantation – Debate**
Room 302/304

Page 92 **Sunrise Symposium II: The New Era of Biologic Agents for Immunosuppression**
Ballroom B

Page 92 **Sunrise Symposium III: Transplant Oversight and Regulatory Issues**
Ballroom A

Page 92 **Sunrise Symposium IV: Progress in Intestinal Transplantation**
Ballroom C

Page 92 **Sunrise Symposium V: Xenotransplantation**
Room 312

Page 93 **Sunrise Symposium VI: Nanomedicine v. 2.0 - Insights from the Frontier of Nanotechnology**
Room 210

8:15 AM Break

7:00 AM – 8:15 AM Early Morning Workshops

Page 93

8:30 AM – 10:00 AM Plenary Session II

Page 93 Auditorium

10:00 AM – 10:30 AM State-of-the-Art Address

Page 94 **Stem Cells and the Molecular Control of Pluripotency for Regenerative Medicine**
Auditorium

10:30 AM Break

11:00 AM – 12:30 AM Concurrent Symposia

Page 94 **Concurrent Symposium I: The Future of Liver Transplantation**
Ballroom B

Page 94 **Concurrent Symposium II: Donor-Derived and “High Risk” Infections**
Room 302/304

Page 95 **Concurrent Symposium III: New Insights into Targeting B Cells**
Ballroom C

Page 95 **Concurrent Symposium IV: Immunomodulation by Mesenchymal Stem Cells**
Ballroom A

Page 95 **Concurrent Symposium V: Cutting Edge Topics in Transplantation: Regulation of the Immune Response**
Auditorium

12:45 PM – 2:00 PM Industry-Supported Satellite Symposia

Page 95

The Metabolic Syndrome in Transplantation: Risk of Cardiovascular Events and Implications for Immunosuppression
Ballroom B

New Paradigms in Transplant: Transplantation with no Immunosuppression and HLA Antibody Removal with Bortezomib
Room 302/304

2:15 PM – 3:45 PM Concurrent Sessions

Page 95 **Concurrent Session 27: Clinical and Basic Science in Heart Transplantation**
Room 313

Page 96 **Concurrent Session 28: Cytomegalovirus**
Ballroom B

Page 97 **Concurrent Session 29: Genomics/ Proteomics of Acute and Chronic Allograft Injury**
Room 312

Page 97 **Concurrent Session 30: Improving Outcomes in Pediatric Liver Transplantation**
Room 208

Monday
June 1

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Monday, June 1, 2009

- Page 98* **Concurrent Session 31: Innate Immunity**
Room 311
- Page 99* **Concurrent Session 32: Ischemia Reperfusion: Molecular Aspects**
Room 309
- Page 99* **Concurrent Session 33: Kidney Immunosuppression: CNI Minimization - Avoidance Protocols II**
Auditorium
- Page 100* **Concurrent Session 34: Liver: Complications, Recurrent Disease, and Hepatitis II**
Ballroom A
- Page 101* **Concurrent Session 35: Liver: Donor Issues**
Ballroom C
- Page 101* **Concurrent Session 36: New Insights into Treg Biology**
Room 310
- Page 102* **Concurrent Session 37: Pancreas Transplantation II**
Room 306
- Page 103* **Concurrent Session 38: Performance Measures, Economics, Public Policy, and Allocation**
Room 302/304
- Page 103* **Concurrent Session 39: Predictors of Outcome**
Room 206
- Page 104* **Concurrent Session 40: Prognostic Phenotypes in Chronic Renal Allograft Injury**
Room 210
- 3:45 PM Break**
- 4:00 PM – 5:30 PM Concurrent Sessions**
- Page 105* **Concurrent Session 41: BK Polyoma Virus I: Immunological Aspects**
Room 210
- Page 105* **Concurrent Session 42: Delayed Graft Function**
Ballroom B
- Page 106* **Concurrent Session 43: Immune Monitoring: Tolerance and Immune Modulation**
Room 309
- Page 107* **Concurrent Session 44: Kidney Induction I**
Auditorium
- Page 108* **Concurrent Session 45: Kidney Living Donor Paired Exchange/Donor Chains**
Room 302/304
- Page 108* **Concurrent Session 46: Liver Malignancies: Hepatocellular and Cholangiocarcinoma**
Ballroom C
- Page 109* **Concurrent Session 47: Living Donors and Partial Grafts II**
Ballroom A
- Page 110* **Concurrent Session 48: Lung**
Room 313
- Page 110* **Concurrent Session 49: Organ Donation: Economics, Public Policy, and Ethics**
Room 306
- Page 111* **Concurrent Session 50: Pathways in Acute Rejection**
Room 310
- Page 112* **Concurrent Session 51: Psychosocial and Compliance Issues**
Room 208
- Page 112* **Concurrent Session 52: Stem Cell Modulation of Rejection and Alloimmunity**
Room 312
- Page 113* **Concurrent Session 53: Tolerance II: (Pre)Clinical/Th17**
Room 311
- Page 114* **Concurrent Session 54: Viral Diseases and Diagnostics**
Room 206

5:30 PM – 6:30 PM Poster Session III

Presenters in Attendance – Beverages

Exhibit Hall C, Second Floor,

John B. Hynes Convention Center

Page 206 **Basic Mechanisms of Acute Rejection II**

Page 207 **Composite Tissue**

Page 207 **Desensitization Protocols: Something
New and Something Old**

Page 209 **ECD, DCD, Preservation**

Page 211 **Genomics/Proteomics/
Pharmacogenetics**

Page 213 **Ischemia Reperfusion Injury II**

Page 215 **Kidney: Chronic Injury - Mechanisms
and Management**

Page 218 **Kidney: Complications III**

Page 221 **Kidney: Living Donors - Medical and
Psycho-Social Issues**

Page 223 **Liver: Complications, Recurrent
Disease, Hepatitis and
Replantation II**

Page 225 **Lung**

Page 225 **Pancreas Transplantation II**

Page 227 **Psychosocial and Compliance Issues**

Page 227 **Strategies in Immune Monitoring**

Page 229 **Tolerance I: Regulatory Cells**

Page 231 **Vascular and Interstitial Fibrosis and
Injury**

6:00 PM – 7:00 PM AST Business Meeting

Room 306

Monday, June 1, 2009

Concurrent Sunrise Symposia

7:00 AM – 8:15 AM

Sunrise Symposium I: Utility of Virtual Crossmatch in Solid Organ Transplantation – Debate

Room 302/304

Chairs: Lori West, MD, DPhil, and Andrea Zachary, PhD

This is an audience response system session, supported by Roche Laboratories, Inc.

7:00 AM Presentation #1: Virtual Crossmatch Should be used in Kidney Transplantation

Proponent: *Howard Gebel, PhD*

Opponent: *Ronald Kerman, PhD*

7:20 AM Rebuttals

7:25 AM Discussion

7:35 AM Virtual Crossmatch Should be used in Thoracic Transplantation

Proponent: *Elaine Reed, PhD*

Opponent: *David Eckels, PhD*

7:55 AM Rebuttals

8:00 AM Discussion

Sunrise Symposium II: The New Era of Biologic Agents for Immunosuppression

Ballroom B

Chairs: Barry Kahan, MD, PhD, and Donald Hricik, MD

7:00 AM A Paradigm Shift for the use of Biologic Agents
Flavio Vincenti, MD

7:15 AM Novel B cell Targets
Mark Pescovitz, MD

7:30 AM Novel T cell Targets and a Role for T cell: B cell Interactions
David Rothstein, MD

7:45 AM Effects of Biologic Agents on Treg Cells
Nader Najafian, MD

8:00 AM Discussion

Sunrise Symposium III: Transplant Oversight and Regulatory Issues

Ballroom A

Chairs: Michael Abecassis, MD, MBA, and James Wynn, MD

7:00 AM UNOS Oversight, Audit and the MPSC
James Wynn, MD

7:25 AM Transplant Center Compliance: Is it Really Required?
Michael Abecassis, MD, MBA

7:50 AM CMS- Transplant Interpretative Guidelines and Survey Results
Thomas Hamilton

Sunrise Symposium IV: Progress in Intestinal Transplantation

Ballroom C

Chairs: Thomas Fishbein, MD, and Douglas Farmer, MD

7:00 AM Intestinal Transplant: Graft Types and How They Impact the Patient and You
Cal Matsumoto, MD

7:25 AM Current Outcomes of Intestinal Transplants
Kareem Abu-Elmagd, MD

7:50 AM Immunology of Intestinal Transplantation
Kenneth Newell, MD, PhD

Sunrise Symposium V: Xenotransplantation

Room 312

Chairs: David Cooper, MD, PhD; Leo Buhler, MD, and Mohammed Mohiuddin, MD

7:00 AM Islet Xenotransplantation—On the Verge of Clinical Trials
Bernhard Hering, MD

7:15 AM Tolerance in Xenotransplantation
David Sachs, MD

7:30 AM Thoracic Xenotransplantation
Richard Pierson, III, MD

7:45 AM Infectious Risks in Xenotransplantation
Jay Fishman, MD

8:00 AM Discussion

**Sunrise Symposium VI: Nanomedicine
v. 2.0 - Insights from the Frontier of
Nanotechnology**

Room 210

*Chairs: Anthony Jevnikar, MD, and Steven
Paraskevas, MD, PhD*

**7:00 AM Polysaccharide Structures as
Immunologic Tolerogens**
Todd Lowary, MD

**7:25 AM Nanoparticles for Controlled
Targeted Delivery of Drugs, Genes,
and Oligonucleotides**
W. Mark Saltzman, PhD

**7:50 AM Constructing Pseudo-cell
Nanofactories to Replace Cell and
Organ Function**
Philip Leduc, MD, PhD

Early Morning Workshops

7:00 AM – 8:15 AM

**11. Dilemmas in Living Kidney Donor
Selection**

*Carlton Young, MD
Clifton Kew, II, MD
Room 305*

12. Are Islets Ready for Prime Time?

*Bernhard Hering, MD
James Shapiro, MD, PhD
Room 308*

**13. A Burning Issue: The Pro and Con of a
Closed ICU. What Does It Mean for the
Transplant Team and Your Patients?**

*Dinesh Ranjan, MD
Robert Goldstein, MD
Room 301*

**14. Induced Progenitor Cells from Skin
Cells**

*Markus Frank, MD
George Murphy, MD
Room 103*

**15. Issues in Behavioral Health Service in
Your Transplant Program**

*James Rodrigue, PhD
Alan Reed, MD
Room 303*

**16. NK Cells and DC Interactions in
Tolerance and Graft Rejection**

*Xian Li, MD, PhD
Angus Thomson, PhD, DSc
Room 104*

17. Pregnancy After Transplantation

*Vincent Armenti, MD, PhD
Veronica Gomez-Lobo, MD
Room 105*

**18. Update On the New Kidney Allocation
System**

*Peter Stock, MD, PhD
Kenneth Andreoni, MD
Room 109*

**19. Composite Tissue Transplant: Facing
the Future**

*Linda Cendales, MD
Joseph Rosen, MD
Room 110*

**20. Emerging Therapies in Hepatitis C
Liver Recipients**

*Gregory Everson, MD
Lisa Forman, MD
Room 111*

8:15 AM Break

Plenary Session II

8:30 AM – 10:00 AM

Auditorium

*Chairs: Joren Madsen, MD, DPhil, and Barbara
Murphy, MD*

**8:30 AM Role of Circulating BKV-Specific
Cytotoxic T Cells in Kidney
Recipients with BKV Infection.
(Abstract #188)**

*Patrizia Comoli, Michela Cioni,
Antonella Gurrado, Angelica Parodi,
Hans H. Hirsch, Sabrina Basso, Iris
Fontana, Giancarlo Barbano, Franco
Locatelli, Fabrizio Ginevri. Pavia, Italy;
Basel, Switzerland; Genova, Italy.*

8:45 AM ITN029ST: Immunosuppression Withdrawal in Pediatric Recipients of Parental Living Donor Liver Transplants: Preliminary Results of a Pilot Study. (Abstract #189)
S. Feng, U. Ekong, S. Lobritto, A. Demetris, P. Rosenthal, E. Alonso, N. Tchao. San Francisco, CA; Chicago, IL; New York, NY; Pittsburgh, PA; San Francisco, CA.

9:00 AM Overcoming IL-17 Producing CD8 T Cell (T17) Mediated Resistance to Tolerance by Targeting the Novel TIM-1 T Cell Differentiation Pathway. (Abstract #190)
Xueli Yuan, M. Javeed Ansari, Francesca D'Addio, Jesus Paez-Cortez, Xiaozhi Zhao, Isabela Schmitt-Knosalla, Michela Donnarumma, Olaf Boenisch, Joyce Popoola, Michael R. Clarkson, Hideo Yagita, Hisaya Akiba, John Iacomini, Laurence A. Turka, Laurie Glimcher, Mohamed H. Sayegh. Boston, MA.

9:15 AM AST Awards

9:30 AM Increased Primary Non-Function in Transplanted Deceased-Donor Kidneys Flushed with Histidine-Tryptophan-Ketoglutarate Solution. (Abstract #191)
R. Brian Stevens, Jill Y. Skorupa, Theodore H. Rigley, Govardhana R. Yannam, Kathleen J. Nielsen, Lucile E. Wrenshall. Omaha, NE.

9:45 AM OPO Viral Nucleic Acid Testing (NAT) and Provider Utilization of High-Risk Donor Organs: Results of Two National Surveys. (Abstract #192)
Lauren M. Kucirka, Colleen F. Hanrahan, Ruth Namuyinga, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

State-of-the-Art Address

10:00 AM – 10:30 AM

10:00 AM Stem Cells and the Molecular Control of Pluripotency for Regenerative Medicine
Rudolf Jaenisch, MD
Auditorium

10:30 AM Break

Concurrent Symposia

11:00 AM – 12:30 AM

Concurrent Symposium I: The Future of Liver Transplantation

Ballroom B

Chairs: James Trotter, MD, and John Roberts, MD

11:00 AM Organ Allocation: Is MELD the Last Word?
Russell Wiesner, MD

11:30 AM Transplantation for Liver Malignancies: Where is the Metro Stopping?
Ronald Busutil, MD, PhD

12:00 NN Beyond Hepatitis C: What Diseases Will Need Transplantation?
Gregory Everson, MD

Concurrent Symposium II: Donor-Derived and “High Risk” Infections

Room 302/304

Chairs: Emily Blumberg, MD, and Peter Chin-Hong, MD

11:00 AM What Are We Missing? What’s Coming?
Jay Fishman, MD

11:20 AM Redefining Infectious Disease Transmission Risk in Donors
Matthew Kuehnert, MD

11:40 AM Screening for Chagas, Strongyloides, and Other Parasites
Camille Kotton, MD

12:00 NN The Donor with Altered Mental Status: Strategies to Enhance Safety
Michael Ison, MD, MS

12:20 PM Discussion

Concurrent Symposium III: New Insights into Targeting B Cells

Ballroom C

Chairs: Anita Chong, PhD, and Marilia Cascalho, MD, PhD

11:00 AM BAFF: A Novel Therapeutic Target in Autoimmunity and Transplantation
Michael Cancro, PhD

11:30 AM Emerging Role of Regulatory B Cells
Thomas Tedder, PhD

12:00 NN B Cell Depletion in Clinical Trials in Transplantation: Is It All Good?
Robert Montgomery, MD, PhD

Concurrent Symposium IV: Immunomodulation by Mesenchymal Stem Cells

Ballroom A

Chairs: Reza Abdi, MD, and Marcus Frank, MD

11:00 AM Characterization and Mechanisms of Action of MSCs
Carla Baan, PhD

11:30 AM Immunomodulation by MSC and ES-Derived Hematopoietic Progenitor Cells
Nicholas Zavazava, MD, PhD

12:00 NN Challenges of Developing Cell-based Therapy with MSCs in Humans
Reza Abdi, MD

Concurrent Symposium V: Cutting Edge Topics in Transplantation: Regulation of the Immune Response

Auditorium

Chairs: Faddi Lakkis, MD, and Xian Li, MD, PhD

11:00 AM The Interaction of Inflammation and Immune Regulation
Terry Strom, MD

11:30 AM Potential of Regulatory T cells to Control Rejection
Kathryn Wood, MD

12:00 NN Regulation of Immune Privilege within the Tolerant Allograft
Randolph Noelle, PhD

Industry-Supported Satellite Symposia

12:45 PM – 2:00 PM

The Metabolic Syndrome in Transplantation: Risk of Cardiovascular Events and Implications for Immunosuppression

Ballroom B

New Paradigms in Transplant:

Transplantation with No Immunosuppression and HLA Antibody Removal with Bortezomib

Room 302/304

Concurrent Session 27: Clinical and Basic Science in Heart Transplantation

2:15 PM – 3:45 PM

Room 313

Chairs: Joseph Cleveland, Jr., MD, and David DeNofrio, MD

2:15 PM Achieving Therapeutic Levels and Exposure-Efficacy Analysis in *De Novo* Cardiac Transplant Recipients on Everolimus-Based Immunosuppression.
(Abstract #193)

Francesco Musumeci, Ugolino Livi, Jose Arizon, Marie Franoise Mattei, Massimo Maccherini, Luis Almenar, Juan F. Delgado, Robert Keinloog, Yonas A. Gezahegen, Yulan Li, Hans Lehmkühl. Rome, Italy.

2:27 PM Pathophysiologic Significance of Anti-Angiogenesis Factors and the Development of Cardiac Allograft Vasculopathy. (Abstract #194)
Michael E. Seifert, Michael M. Givertz, Waleed Alhabeeb, Anju Nohria, Maria Stack, James Fang, Ravi Thadhani, Peter Ganz, S. Ananth Karumanchi, David M. Briscoe. Boston, MA.

2:39 PM HLA Alloantibodies Are Associated with Increased Inflammatory Transcript Expression in Cardiac Allograft Biopsies, and Related to Decreased Graft Function. (Abstract #195)
Banu Sis, Daniel Kim, Michael Mengel, Patricia Campbell, Konrad Famulski, Jeffrey Burton, Wayne Tymchak, Philip Halloran. Edmonton, AB, Canada.

2:51 PM Correlating Microarray Gene Expression Data with Histopathological Lesions in Human Heart Allograft Biopsies. (Abstract #196)
Michael Mengel, J. Chang, D. Kim, B. Sis, J. Reeve, J. Burton, W. Tymchak, P. Halloran. Edmonton, AB, Canada.

3:03 PM Transplantation of Donor Specific Antibody Positive, Crossmatch Negative (AHG/FCXM) Cardiac Allograft Recipients. (Abstract #197)
Roberta Bogaev, Joggy George, O. H. Frazier, W. B. Etheridge, Farshad Raissi, Leon Jacob, Biswajit Kar, Reynolds Delgado, Pranav Loyalka, Igor Gregoric, Ronald H. Kerman. Houston, TX.

3:15 PM Long-Term Survival in Female Heart Transplant Recipients Following Pregnancy. (Abstract #198)
Nicole M. Sifontis, Serban Constantinescu, Lisa A. Coscia, Linda Ohler, Michael J. Moritz, Vincent T. Armenti. Philadelphia, PA; Richmond, VA; Allentown, PA.

3:27 PM The Value of Preoperative Sequential Organ Failure Assessment Score Compared with Other Prognostic Parameters in Prediction of Early Postoperative Mortality after Implantation of Ventricular Assist Devices. (Abstract #199)
Naser Qedra, Thorsten Drews, Ernst Wellnhofer, Kati Obermueller, Evgenij Potapov, Hans Lehmkuhl, Thomas Krabatsch, Roland Hetzer. Berlin, Germany.

2:27 PM The IMPACT Study: Valganciclovir Prophylaxis for until 200 Days Post-Transplant in High Risk Kidney Recipients Substantially Reduces the Incidence of CMV Disease. (Abstract #201)
Atul Humar, Yvon Lebranchu, Flavio Vincenti, Jeffery Punch, Daniel Abramowicz, Emily Blumberg, Ingeborg Hauser, Ajit Limaye, Jane Ives, Nigel Pluck, Patrick Peeters. Edmonton, AB, Canada; Tours, France; San Francisco, CA; Ann Arbor, MI; Brussels, Belgium; Philadelphia, PA; Germany; Seattle, WA; Welwyn Garden City, United Kingdom; Gent, Belgium.

2:39 PM Prospective Comparison of Cytomegalovirus-Specific Immunity in Donor Seropositive/Recipient Seronegative Liver Transplant Patients Receiving Preemptive Therapy or Antiviral Prophylaxis. (Abstract #202)
Ajit P. Limaye, Nina Singh, Sam Chatterton-Kirchmeier, Mujalin Thuntarug, Terry Stevens-Ayers, Michael Boeckh. Seattle, WA; Pittsburgh, PA.

2:51 PM Comparison of Highly Sensitive vs. Standard CMV Viral Load Assays for Monitoring Therapeutic Response. (Abstract #203)
Luiz Lisboa, Anders Asberg, Anders Hartmann, Deepali Kumar, Mark Pescovitz, Halvor Rollag, Jutta Preiksaitis, Xiaoli Pang, Alan Jardine, Atul Humar. Canada; Norway.

3:03 PM Ganciclovir Exposure under a 450 mg Daily Dosage of Valganciclovir for the Prevention of Cytomegalovirus Disease in Kidney Transplant Recipients. (Abstract #204)
Oriol Manuel, Manuel Pascual, Nancy Perrotet, Frédéric Lamoth, Jean-Pierre Venetz, Laurent Decosterd, Thierry Buclin, Pascal R. Meylan. Lausanne, Switzerland.

Concurrent Session 28: Cytomegalovirus

2:15 PM – 3:45 PM

Ballroom B

Chairs: Shirish Huprikar, MD, and Rachel Miller, MD

2:15 PM Pharmacokinetics (PK) and Safety of Maribavir (MBV) in Combination with Tacrolimus (TAC) in Stable Renal Transplant Recipients. (Abstract #200)
M. D. Pescovitz, R. Bloom, J. Pirsch, J. Johnson, S. Gelone, S. Villano. Indpls, IN; Philadelphia, PA; Madison, WI; Exton, PA.

3:15 PM Economic Analysis of Extended Cytomegalovirus Prophylaxis in High Risk Kidney Transplant Patients. (Abstract #205)
Fu Lung Luan, Linda Stucky, Jeong M. Park, Akinlolu Ojo. Ann Arbor, MI.

3:27 PM Blockade of PD1-Ligand Is Associated with Cytokine-Profile Up-Regulation in CMV-Specific T-Cells. (Abstract #206)
Adrian Egli, Jan Dirks, Urban Sester, Martina Sester, Hirsch Hans. Basel, Switzerland; Homburg, Germany.

**Concurrent Session 29: Genomics/
Proteomics of Acute and Chronic
Allograft Injury**

2:15 PM – 3:45 PM

Room 312

Chairs: William Oetting, PhD, and Adriana Zeevi, PhD

2:15 PM Tissue Damage, Graft Survival and the Role of a Functional FOXP3 Variant in Kidney Transplant Patients. (Abstract #207)
Carla C. Baan, Annemiek M. A. Peeters, Jacqueline van de Wetering, Jan N. M. IJzermans, Willem Weimar. Rotterdam, Netherlands.

2:27 PM Overexpression of microRNAs Associated with Tubular Athrophy and Interstitial Fibrosis Post Kidney Transplantation. (Abstract #208)
Amiee Potter, Daniel Maluf, Jihee Suh, Benjamin Whitehill, Kennett Yanek, Robert Fisher, Marc Posner, Anne King, Valeria Mas. Richmond, VA.

2:39 PM Expression of PRAII-Associated Transcripts in Renal Biopsies Correlates with High Risk for Antibody-Mediated Graft Loss. (Abstract #209)
Luis G. Hidalgo, Patricia M. Campbell, Philip F. Halloran.

2:51 PM The Major Molecular Predictor of Graft Loss in Kidney Transplant Biopsies Is the Injury Response, Not Inflammation. (Abstract #210)
G. Einecke, J. Reeve, S. Bunnag, B. Sis, K. S. Famulski, M. Mengel, Philip Halloran. Canada.

3:03 PM The Transcriptome in Renal Allograft Biopsies Predicts the Risk for Graft Loss Independent of Clinical Variables and Histology. (Abstract #211)
G. Einecke, J. Reeve, S. Bunnag, B. Sis, Philip Halloran. Canada.

3:15 PM Identifying microRNAs Involved in the Regulation of Gene Expression in HCV-Induced HCC Progression. (Abstract #212)
Kellie Archer, Andre Williams, Robert Fisher, Patrik Vitazka, Andrea Ferreira-Gonzalez, Daniel Maluf, Valeria Mas. Richmond, VA.

3:27 PM Use of Transcriptional Biomarkers To Identify Liver Transplant Recipients Who Can Successfully Discontinue Immunosuppressive Therapy. (Abstract #213)
Carlos Benitez, Juan Jose Lozano, Marc Martinez-Llordella, Isabel Puig-Pey, Marta Lopez, Anna Rodriguez, Giuseppe Tisone, Jacques Pirenne, Jan Lerut, Alberto Sanchez-Fueyo. Barcelona, Spain; Rome, Italy; Leuven, Belgium; Louvain, Belgium.

**Concurrent Session 30: Improving
Outcomes in Pediatric Liver
Transplantation**

2:15 PM – 3:45 PM

Room 208

Chairs: Carlos Esquivel, MD, PhD, and Cal Matsumoto, MD

2:15 PM Improved Outcomes in Pediatric Liver Transplantation for Acute Liver Failure. (Abstract #214)
Tamir Miloh, Nanda Kerkar, Sanobar Parkar, Rachel Annunziato, Carlos Mendez, Ronen Arnon, Frederick Suchy, Kishore Iyer. New-York, NY.

2:27 PM Factors Affecting Waitlist Mortality in Children with Biliary Atresia. (Abstract #215)
K. L. Whitfield, S. Mehta, L. N. Hattar, R. W. Himes, R. T. Cotton, J. J. Guiteau, D. Garner, S. J. Karpen, C. A. O'Mahony, John A. Goss. Houston, TX.

2:39 PM Pediatric Transplant Centers Performing Living Donor Liver Transplants Have Lower Waitlist Mortality in the PELD Era. (Abstract #216)
Ronald T. Cotton, Jacfranz J. Guiteau, Janine N. Pettiford, Christine A. O'Mahony, John A. Goss. Houston, TX.

2:51 PM High Pediatric Transplant Center Volume Improves Graft and Patient Survival in PELD Patients. (Abstract #217)
Ronald T. Cotton, Jacfranz J. Guiteau, Janine N. Pettiford, Christine A. O'Mahony, John A. Goss. Houston, TX.

3:03 PM Successful Immunosuppression Minimization in Pediatric LT. (Abstract #218)
U. D. Ekong, J. Lokar, I. Cymerman, E. M. Alonso. Chicago, IL.

3:15 PM Graft Fibrosis in Operationally Tolerant Patients after Liver Transplantation; Antigen-Dependent or Independent? (Abstract #219)
Hidenori Ohe, Hiroto Egawa, Aya Miyagawa, Hironori Haga, Shinya Okamoto, Shinji Uemoto, Takaaki Koshiba. Kyoto, Japan.

3:27 PM Management of Intestinal Failure-Associated Liver Disease in Infants and Children on Parenteral Nutrition: When Transplantation Is Unnecessary? Experience with 88 Patients at a Referral Center for Intestinal Rehabilitation. (Abstract #220)
Dominique Jan, Robert Cowles, Kara Ventura, Martinez Mercedes, Joanne Carol, Steven Lobritto. New York, NY.

Hans D. Volk, Uwe Pleyer, Birgit Sawitzki. Berlin, Germany; Belgrade, Serbia; Galway, Ireland.

2:27 PM Kidney Tubular Epithelial Cells Express Osteopontin To Promote Natural Killer Cell Chemotaxis and Kidney Injury. (Abstract #222)
Kelvin Y. T. Shek, Zhuxu Zhang, Shuang Wang, Anthony M. Jevnikar. London, ON, Canada.

2:39 PM Tolerance Associated Gene 1 Inhibits TLR4 Mediated p38 MAP Kinase Activation, Dendritic Cell Maturation and Subsequent T Cell Priming. (Abstract #223)
Simone Vogel, Stephan Schlickeiser, Christine Appelt, Ulrike Schliesser, Kathrin Keeren, Katrin Vogt, Manuel Guerreiro, Thomas Ritter, Dieter Volk, Birgit Sawitzki. Berlin, Germany; Galway, Ireland.

2:51 PM IRAK-M Is a Negative Regulator of Inflammation That Inhibits the Graft Prolonging Effects of Costimulatory Blockade. (Abstract #224)
Hua Shen, Daniel R. Goldstein. New Haven, CT.

3:03 PM Natural Killer Cell Interactions with Dendritic Cells and Tumor Cells Are Mediated by Different NK Cell Receptors. (Abstract #225)
Lu-En Wai, Olivia M. Martinez, Sheri M. Krams. CA.

3:15 PM NK-Cell Chimerism Is a Unique Feature of Liver Transplantation and May Modulate Recipient's Response Against the Graft. (Abstract #226)
Herold J. Metselaar, Viviana Moroso, Brenda M. Bosma, Shanta Mancham, Luc J. W. van der Laan, Nicole M. van Besouw, Hugo W. Tilanus, Ernst J. Kuipers, Diana Eissen, Arnold van der Meer, Irma Joosten, Jaap Kwekkeboom. Rotterdam, Netherlands; Nijmegen, Netherlands.

3:27 PM Toll-Like Receptor 2 R753Q Polymorphism: Prevalence in Liver Transplant Recipients and Role in the Pathogenesis of Opportunistic Fungal Infections. (Abstract #227)
Rima C. Abdel Massih, Sueng H. Kang, Robert A. Brown, Albert J. Eid, Raymund R. Razonable. Rochester, MN.

Concurrent Session 31: Innate Immunity

2:15 PM – 3:45 PM

Room 311

Chairs: Hans-Dieter Volk, MD, and Sheri Krams, PhD

2:15 PM Modification of N-glycosylation Impairs Dendritic Cell Maturation/ Migration and Prolongs Corneal Allograft Survival. (Abstract #221)
Stephan Schlickeiser, Svetlana Stanojlovic, Christine Appelt, Stefanie Haase, Simone Vogel, Thomas Ritter,

Concurrent Session 32: Ischemia Reperfusion: Molecular Aspects

2:15 PM – 3:45 PM

Room 309

Chairs: Osun Kwon, MD, and Stephan Tullius, MD, PhD

2:15 PM **Cytoprotective Effects of a Cyclic RGD Peptide in Steatotic Liver Cold Ischemia and Reperfusion Injury. (Abstract #228)**
Constantino Fondevila, Shen Xiu-Da, Sergio Duarte, Takashi Hamada, Ronald W. Busuttil, Ana J. Coito.

2:27 PM **Ex Vivo Application of Carbon Monoxide in UW Solution To Prevent Renal Cold Ischemia/Reperfusion (I/R) Injury in the Pig. (Abstract #229)**
Junichi Yoshida, Kikumi S. Ozaki, Mike Nalesnik, Mohamed Ezzelarab, Burcin Ekser, Gabriel J. Echeverri, Shinya Ueki, Marcela Castillo-Rama, Gaetano Faleo, Atsunori Nakao, Noriko Murase. Pittsburgh, PA.

2:39 PM **Is Coagulation the Achilles' Heel of Ischemia Reperfusion Injury? Thrombin Inhibition Rescues Chronic Kidney Fibrosis in Autologous Kidney Transplantation Model. (Abstract #230)**
Raphael Thuillier, Frederic Favreau, Olivier Page, Thierry Hauet. Poitiers, France.

2:51 PM **Look inside the Machine: Mechanistic Analysis of the Benefits of Machine Perfusion on Non Beating Heart Donors Grafts. (Abstract #231)**
Raphael Thuillier, Frederic Favreau, Olivier Page, Thierry Hauet. Poitiers, France.

3:03 PM **Donor Pretreatment with Simvastatin Reduces Graft Immunogenicity Following Prolonged Cold Ischemia in the Long-Term. (Abstract #232)**
Katja Kotsch, Manije Sabet, Maja Frankuski, Anja Reutzel-Selke, Andreas Pascher, Peter Neuhaus, Johann Pratschke. Berlin, Germany.

3:15 PM **Significance and Therapeutic Potential of Targeting TWEAK/FN14 Pathway in Renal Ischemia Reperfusion Injury. (Abstract #233)**
Kiyohiko Hotta, Masayuki Sho, Ichiro Yamato, Hiroshi Harada, Hideo Yagita, Katsuya Nonomura, Yoshiyuki Nakajima. Kashihara, Nara, Japan; Sapporo, Hokkaido, Japan; Tokyo, Japan.

3:27 PM **Development of a Non-Invasive Nanosensor for Prospective Evaluation of Allograft Metabolism and Viability. (Abstract #234)**
Daniel Pesantez, Lauren Brasile, Anand Gadre, James Castracane, Bart M. Stubenitsky. Albany, NY; Toronto, ON, Canada.

Concurrent Session 33: Kidney Immunosuppression: CNI Minimization - Avoidance Protocols II

2:15 PM – 3:45 PM

Auditorium

Chairs: Stuart Flechner, MD, and Todd Pesavento, MD

2:15 PM **A Pilot Study of Campath-1H and Rituximab Induction Therapy Combined with Cellcept To Allow for a Calcineurin Inhibitor-Free Regimen after Renal Transplantation. (Abstract #235)**
Aimee Sundberg, Milagros Samaniego, John Pirsch, Anthony D'Alessandro, Jon Odorico, Yolanda Becker, Luis Fernandez, Hans Sollinger.

2:27 PM **Belatacept Is Associated with Preservation of Renal Function and Structure at 1 Year Compared to Cyclosporine in Kidney Transplant Patients (BENEFIT Study). (Abstract #236)**
J. M. Grinyo, G. Mondragon-Ramirez, P. Darji, B. Bresnahan, T. Pearson, G. B. Di Russo, P. Garg, J. Xing.

2:39 PM **Analysis of Renal Function in Everolimus/Enteric-Coated Mycophenolate Sodium Treated De Novo Renal Transplant Recipients after Calcineurin Inhibitor Withdrawal: The ZEUS Study. (Abstract #237)**
K. Budde, T. Becker, W. Arns, C. Sommerer, P. Reinke, U. Eisenberger, W. Fischer, S. Kramer, F. Pietruck. Nuremberg, Germany.

2:51 PM **Influence of Immunosuppression, Donor Age, and Rejection on Chronic Banff Scores of 1 Year Protocol Biopsies in a Prospective Randomized Trial of Tacrolimus (TAC) + Mycophenolate Mofetil (MMF) vs. Sirolimus (SRL) + MMF Therapy Following Thymoglobulin (THY) Induction with Rapid Steroid Taper (RST). (Abstract #238)**
Thomas A. Gonwa, Raymond L. Heilman, Kerri Younan, Cherise Cortese, Xochi Geiger, Hani M. Wadei, Kunam S. Reddy, Martin L. Mai, Marek Mazur, Nasim Ahsan.

3:03 PM **Immediate vs. Delayed Everolimus Treatment in *De Novo* Renal Transplant Patients at Risk of Delayed Graft Function: Results of a 12-Month Randomized, Multicentre Trial. (Abstract #239)**
Jacques Dantal, Francois Berthoux, Marie-Christine Moal, Lionel Rostaing, Christophe Legendre, Anne-Sandrine Blanc, Fabienne Di Giambattista, Elisabeth Cassuto.

3:15 PM **Prospective Randomized Study To Evaluate Feasibility of Conversion of CNI to SRL in a Pred-Free Immunosuppressive Regimen. Impact on Treg Generation. (Abstract #240)**
Lorenzo Gallon, Grafals Monica, John Friedewald, Brian Cabral, Josh Miller, Nader Najafian, Joe Leventhal, Xunrong Lu, Luting Xu. Chicago, IL; Boston, MA.

3:27 PM **Impact on Renal Function of Early Conversion at 3 Months from Cyclosporine (CsA) to Sirolimus (SRL) in Association with Mycophenolate Mofetil (MMF) in Kidney Transplantation: 30-Months Follow up of a Multicenter Randomized Controlled Trial: The Concept Study. (Abstract #241)**
Y. Lebranchu, O. Toupance, G. Touchard, E. Therwet, I. Etienne, H. Mazouz, B. Hurault de Ligny, B. Moulin, J. P. Rerolle, T. Frouget, D. Glotz, C. Randoux, F. Bayle, A. E. Heng, F. Allano, M. Buchler. Tours; Reims; Poitiers; Paris; Rouen; Amiens; Caen; Strasbourg; Limoges; Rennes; Grenoble; Clermont Ferrand; Neuilly; Tours, France.

Concurrent Session 34: Liver: Complications, Recurrent Disease, and Hepatitis II

2:15 PM – 3:45 PM

Ballroom A

Chairs: Mark Johnson, MD, and Alan Reed, MD

2:15 PM **Outcomes of Pregnancy Related to Time Interval from Transplant to Conception in Liver Transplant Recipients. (Abstract #242)**
Carlo B. Ramirez, Cataldo Doria, Stephen T. Armenti, Fiona M. Chory, Lisa A. Coscia, Michael J. Moritz, Vincent T. Armenti. Philadelphia, PA; New York, NY; Allentown, PA.

2:27 PM **Liver Transplantation in HIV Positive Patients: A Case Control Study. (Abstract #243)**
Umberto Baccarani, Gian Luigi Adani, Marcello Tavio, Dario Lorenzin, Angela Londero, Francesco Bragantini, Chiara Comuzzi, Anna Rossetto, Andrea Risaliti, Claudio Avellini, Federico Pea, Vittorio Bresadola, Pierluigi Viale. Udine, Italy.

2:39 PM **Post-Transplant Hemodialysis Drastically Reduces One-Year Survival in Patients Entering Liver Transplantation without Renal Dysfunction. (Abstract #244)**
Michael Ma, Todd Brennan, Isabel Reyes, Manjula Tamura, Sandy Feng. San Francisco, CA; Palo Alto, CA.

2:51 PM **Progression of Fibrosis Despite Achievement of SVR in Hepatitis C Patients after Liver Transplantation (LT). (Abstract #245)**
Bahar Madani, Shaid Malik, Igor Dvorchik, Michael E. de Vera. Pittsburgh, PA.

3:03 PM **Outcomes in Combined and Sequential Liver-Kidney Transplants – UNOS Data Analysis. (Abstract #246)**
Vinaya Rao, Elizabeth Lyden, Sandeep Mukherjee. Omaha, NE.

3:15 PM Risk Factors for Chronic Kidney Disease (CDK) after Liver Transplantation: Implications for Performing Combined Liver and Kidney Transplantation (CLKT). (Abstract #247)
 Martin J. Dib, Peter T. Kennealey, Mary Lin Farrell, Didier Mandelbrot, Michael Curry, Martin Hertl, Dicken S. C. Ko, A. Benedict Cosimi, Georgios Tsoulfas, Reza Saidi, Nahel Elias, Scott R. Johnson, Douglas W. Hanto, James F. Markmann, Seth J. Karp. Boston, MA.

3:27 PM Thymoglobulin Improves Renal Function without Accelerating Hepatitis C Virus Recurrence in HCV Positive Liver Transplant Recipients. (Abstract #248)
 Iman Bajjoka, Lama Hsaiky, Kimberly Brown, Magan Ma, Marwan Abouljoud. Detroit, MI.

2:51 PM Liver Transplantation from Non-Heart-Beating Donors: An Analysis Using Matched Pairs. (Abstract #252)
 James Pine, Amer Aldouri, Alistair Young, Mervyn Davies, Giles Toogood, Stephen Pollard, Peter Lodge, Raj Prasad. Leeds, West Yorkshire, United Kingdom.

3:03 PM Donor Race Must Be Removed from the Donor Risk Index. (Abstract #253)
 W. Ray Kim, Sumeet Asrani, Rachel A. Pedersen, Julie Heimbach, Walter K. Kremers, Terry M. Therneau. Rochester, MN.

3:15 PM Prophylaxis Against Denovo Hepatitis B for Liver Transplantation Utilizing Hep B Core(+) Donors: Does HBIG Provide a Survival Advantage? (Abstract #254)
 Michael R. Marvin, Guy N. Brock, Farida Mostajabi, Nicole Ferguson, Savtri Appana, Kadiyala V. Ravindra, Mary Eng, Joseph F. Buell. Louisville, KY.

Concurrent Session 35: Liver: Donor Issues

2:15 PM – 3:45 PM

Ballroom C
Chairs: James Eason, MD, and Devin Eckhoff

2:15 PM Use of Histidine-Tryptophan-Ketoglutarate for Liver Allograft Preservation Reduces Graft Survival and Is Not Cost-Effective Resource Utilization. (Abstract #249)
 Zoe A. Stewart, Andrew M. Cameron, Nabil N. Dagher, Andrew L. Singer, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

2:27 PM Liver Transplantation and ECMO-Assisted Donation after Cardiac Death. (Abstract #250)
 Shawn J. Pelletier, Jonathan C. Hundley, Michael J. Englesbe, Alvaro P. Rojas, Robert H. Bartlett, Jeffrey D. Punch. Ann Arbor, MI; Detroit, MI.

2:39 PM Predictors of Graft Failure for U.S. DCD Liver Recipients. (Abstract #251)
 Julie K. Heimbach, Diane E. Steffick, C. J. Sonnenday, Amit K. Mathur, Robert M. Merion. Rochester, MN; Ann Arbor, MI.

3:27 PM Recipient Age Affects Hepatitis C Recurrence and Graft Survival of Older Livers Following Transplantation. (Abstract #255)
 Markus Selzner, Arash Kashfi, Nazia Selzner, Paul D. Greig, Mark S. Cattral, Gary A. Levy, Les Lilly, Eberhard L. Renner, Leslay E. Adcock, Anand Ghanekar, George Therapondos, David R. Grant, Ian D. McGilvray. Toronto, ON, Canada.

Concurrent Session 36: New Insights into Treg Biology

2:15 PM – 3:45 PM

Room 310
Chairs: Xian Li, MD, PhD, and Yuan Zhai, MD, PhD

2:15 PM OX40 Plays a Key Role in Transplant Tolerance by Regulating Homeostasis and Functions of Foxp3+ Tregs. (Abstract #256)
 Xiang Xiao, Alexander Kroemer, Wentao Liu, Zemin Fang, Wenda Gao, Naoto Ishii, Gulcin Demirci, Xian C. Li. Boston, MA.

2:27 PM Persistence of Antigen-Specific CD8+ Memory Cells Does Not Depend on SLP-76 Mediated Signaling. (Abstract #257)

Jonathan S. Maltzman, Evann Corbo, Michelle Schmidt, E. John Wherry, Karla Wiehagen. Philadelphia, PA.

2:39 PM MBD2 Is a Foxp3 Demethylase. (Abstract #258)

Wayne W. Hancock, Rongxiang Han, Liqing Wang. Philadelphia, PA.

2:51 PM Limiting TH1 and TH2 Favors Treg and TH17 To Prolong Allograft Survival. (Abstract #259)

Yu Yang, Jiangnan Xu, Jordi C. Ochoando, Jonathan Bromberg, Yaozhong Ding. New York, NY.

3:03 PM IL-6 and TLR2 Differentially Inhibit Foxp3 Expression in Regulatory T Cells by Epigenetic Regulation. (Abstract #260)

Girdhari Lal, Na Yin, Bernd Schroppel, Jonathan S. Bromberg. New York City, NY.

3:15 PM Disruption of the GITR-GITRL Interaction Promotes T-reg Mediated Transplantation Tolerance by Reversal of Inflammation Induced Counter-Regulation. (Abstract #261)

James I. Kim, S. B. Sonawane, M. K. Lee, D. Moore, P. E. Duff, M. M. Lian, S. Deng, S. H. Lee, Y. W. Choi, A. Caton, H. Yeh, James F. Markmann. Boston, MA; Philadelphia, PA.

3:27 PM Indoleamine 2,3-Dioxygenase Down-Regulates Cytotoxicity of Effector CD8+ T Cells through Inhibition on Mitochondrial Function. (Abstract #262)

Hanzhong Liu, Xingyi Zhang, Peyman Bizargity, Jiguan Zhao, Kaifeng Liu, Gary A. Visner. Boston, MA; Changchun, Jilin, China.

Concurrent Session 37: Pancreas Transplantation II

2:15 PM – 3:45 PM

Room 306

Chairs: Christopher Barry, MD, PhD, and Mikel Prieto, MD

2:15 PM Pancreas after Living Donor Kidney Versus Simultaneous Pancreas-Kidney Transplant in Type I Diabetes Mellitus: An Analysis of the OPTN/ UNOS Database. (Abstract #263)

Neda Poommipanit, Marcelo S. Sampaio, Yong W. Cho, Brian Young, Tariq Shah, Alan Wilkinson, Phuong-Thu Pham, Gabriel Danovitch, Suphamai Bunnapradist. Los Angeles, CA.

2:27 PM Transplantation with Pancreas after Living Donor Kidney Versus Living Kidney Alone in Type I Diabetes Mellitus: An Analysis of the OPTN/ UNOS Database. (Abstract #264)

Marcelo S. Sampaio, Neda Poommipanit, Yong W. Cho, Gabriel Danovitch, Phuong-Thu Pham, Tariq Shah, Brian Young, Alan Wilkinson, Suphamai Bunnapradist.

2:39 PM Campath Induction and Steroid Avoidance in Pancreas Transplantation – A Single Centre Experience in 231 Patients. (Abstract #265)

Anand Sivaprakash Rathnasamy Muthusamy, Nancy H. Suh, Jens G. Brockmann, Anil C. Vaidya, Sanjay Sinha, Peter J. Friend. Oxford, United Kingdom.

2:51 PM Growth Potential of Pancreas Transplantation: An Analysis of Donor Pancreas Utilization. (Abstract #266)

Alexander C. Wiseman, Jennifer L. Wainright, Elizabeth Sleeman, Maureen A. McBride, Tim Baker, Ciara Samana, Peter Stock. Denver, CO; San Francisco, CA.

3:03 PM Pancreas Graft Survival Following Enteric Conversion. (Abstract #267)

David L. Scott, Stephen C. Rayhill, John M. Ham, Jordana Gaumond. Portland, OR.

3:15 PM **An Ex-Vivo Model for Hypothermic Pulsatile Perfusion of Porcine Pancreata. (Abstract #268)**
 Marcin Karcz, Anthony Dorling, H. Terence Cook, Vassilios Papalois.
 London, United Kingdom.

3:27 PM **Pregnancy Outcomes in Pancreas-Kidney vs. Kidney-Alone Diabetic Female Transplant Recipients. (Abstract #269)**
 Serban Constantinescu, Lisa A. Coscia, Carolyn H. McGrory, Peter Axelrod, Michael J. Moritz, Vincent T. Armenti.
 Philadelphia, PA; Allentown, PA.

3:03 PM **264 HLA-0MM Kidneys Shipped to a Single Center: Superior 8 yr Graft Survival Correlates with High Incidence of Donor-Specific Regulation. (Abstract #274)**
 William J. Burlingham, Hans Sollinger, David Lorentzen, Alejandro Munoz del Rio, Ewa Jankowska-Gan, Anthony D'Alessandro. Madison, WI.

3:15 PM **Associations of HLA-Matching with Graft Outcomes and Costs of Deceased-Donor Kidney Transplantation. (Abstract #275)**
 Krista Lentine, Ralph Graff, Patrick Ercole, Paula Buchanan, Paolo Salvalaggio, Harvey Solomon, Mark Schnitzler.

3:27 PM **Allocation of HCV+ Organs in Kidney Transplantation: Balancing Shortened Wait Against Decreased Survival. (Abstract #276)**
 Daniel G. Maluf, Kellie J. Archer, Valeria R. Mas, Eric Gibney.
 Richmond, VA.

**Concurrent Session 38:
 Performance Measures, Economics,
 Public Policy, and Allocation**

2:15 PM – 3:45 PM

Room 302/304
Chairs: John Magee, MD, and Charles Miller, MD

2:15 PM **Cost of Care Increases with Declining 12 Month Post-Transplant Renal Function. (Abstract #270)**
 Mark A. Schnitzler, Yong Yuan, A. V. Tuomari, Ross Maclean.

2:27 PM **Cessation of ESRD Medicare Insurance Is Associated with an Increased Risk of Graft Loss in Patients with Lower Median Household Income. (Abstract #271)**
 John Gill, Edward Cole, Caren Rose, Arthur Matas. Vancouver, BC, Canada; Toronto, ON, Canada; Minneapolis, MN.

2:39 PM **Increased Regulatory Oversight of Center Performance Led to Rare Declines in Kidney Transplantatin Rates? (Abstract #272)**
 Jesse D. Schold, Liise K. Kayler, Richard J. Howard, Herwig-Ulf Meier-Kriesche.

2:51 PM **When Zero Mismatch Means Zero: The Hazards of Our Deceased Donor Allocation System. (Abstract #273)**
 Matthew Cooper, Sener Alp, Raghava Munivenkatappa, Manish Singh, Rolf Barth, Stephen Bartlett, Benjamin Philosophe, Abdolreza Haririan.
 Baltimore, MD.

**Concurrent Session 39: Predictors
 of Outcome**

2:15 PM – 3:45 PM

Room 206
Chairs: Martha Pavlakis, MD, and Jane Tan, MD, PhD

2:15 PM **Creatinine Increase during Pregnancy Is Associated with Decreased Graft Survival after Delivery in Kidney Recipients. (Abstract #277)**
 Jolene Seibel-Seamon, Vincenzo Berghella, Serban Constantinescu, Lisa A. Coscia, Michael J. Moritz, Vincent T. Armenti. Philadelphia, PA; Allentown, PA.

2:27 PM **Urinary Cystatin C and KIM-1: A Tale of Two Novel Biomarkers of Acute Kidney Injury in Predicting the Need for Dialysis after Kidney Transplantation. (Abstract #278)**
 Isaac E. Hall, Sri Yarlagadda, Mona Doshi, Richard Marcus, Won K. Han, Zhu Wang, Chirag R. Parikh. New Haven, CT; Detroit, MI; Pittsburgh, PA; Philadelphia, PA.

2:39 PM **Abnormal Diurnal Blood Pressure Change at 1-Year Correlates with Poor Allograft Function in Kidney Transplant Recipients with Normal Histology and No History of Rejection. (Abstract #279)**
Hani M. Wadei, Hatem Amer, Sandra J. Taler, Mark D. Stegall, Stephen C. Textor. Jacksonville, FL; Rochester, MN.

2:51 PM **Final Results of Pretransplant Pharmacogenetic Adaptation of Tacrolimus (TAC) Treatment after Renal Transplantation. (Abstract #280)**
Eric Thervet, Marie Anne Lorient, Stephane Barbier, Matthias Buchler, Maxence Ficheux, Gabriel Choukroun, Christophe Legendre, Olivier Toupance, Guy Touchard, Jo Rivalan, Bruno Moulin, Corinne Alberti, Philippe Beaune. Paris, France; Rouen, France; Tours, France; Caen, France; Amiens, France; Reims, France; Poitiers, France; Rennes, France; Strasbourg, France.

3:03 PM **Poorer Graft Survival in Ethnic Minorities: Results from a Multi-Centre U.K. Study of Kidney Transplant Outcomes. (Abstract #281)**
James F. Medcalf, On Behalf of STEPP Research Group. Leicester, United Kingdom.

3:15 PM **Validation of Clinical Outcome Prediction Tools in Kidney Transplantation. (Abstract #282)**
Sita Gourishankar, Thomas Mueller. Edmonton, AB, Canada.

3:27 PM **Low Serum Mannose Binding Lectin as a Risk Factor for New Onset Diabetes Mellitus after Renal Transplantation. (Abstract #283)**
Daniel Seron, Meritxell Ibernou, Juan M. Fernandez-Real, Wifredo Ricart, Joana Sellares, Josep M. Cruzado, Oriol Bestard, Josep M. Grinyó, Francesc J. Moreso. Barcelona, Spain; Girona, Spain.

Concurrent Session 40: Prognostic Phenotypes in Chronic Renal Allograft Injury

2:15 PM – 3:45 PM

Room 210
Chairs: Marcello Cantarovich, MD, and Daniel Seron, MD, PhD

2:15 PM **Natural History of Subclinical Antibody-Mediated Rejection (SC AMR) in Kidney Transplant Recipients (KTR) with Preexisting DSAs. (Abstract #284)**
A. Loupy, C. Lefaucheur, C. Suberbielle, D. Anglicheau, M. O. Timsit, D. Charron, F. Martinez, E. Thervet, P. Bruneval, G. Hill, C. Legendre, D. Nochy. Paris, France.

2:27 PM **Prophylactic Anti-CD20 Combined with Plasmapheresis (PP) Reduces Chronic AMR in Kidney Transplant Recipients (KTR) with Preexisting DSAs. (Abstract #285)**
A. Loupy, C. Suberbielle, D. Anglicheau, J. Zuber, F. Martinez, A. Méjean, C. Gautreau, D. Charron, E. Thervet, P. Bruneval, D. Nochy, G. Hill, C. Legendre. Paris, France.

2:39 PM **Donor Employment of Desmopressin (DDAVP) Is Associated with Superior Long-Term Allograft Survival, but Has No Effect on Delayed Graft Function after Kidney Transplantation. (Abstract #286)**
Urs Benck, Hui Song, Uwe Goettmann, Simone Hoeger, Benito A. Yard, Peter Schnuelle. Mannheim, Germany.

2:51 PM **Association of Antibodies Against Endothelial Cell Antigens with Poor Outcome of Kidney Re grafts. (Abstract #287)**
Bhavna Lavangia, Zhiqiang Qin, Ashley Comeaux, Peter Stastny. Dallas, TX.

3:03 PM **Donor Age and P-glycoprotein Determine Chronic Histological Damage Progression in Renal Allografts. (Abstract #288)**
Maarten Naesens, Evelyne Lerut, Hylke de Jonge, Boudewijn Van Damme, Yves Vanrenterghem, Dirk Kuypers. Belgium.

3:15 PM Clustering of Kidney Transplants by Banff Lesions Shows Antibody-Mediated Damage as the Main Culprit of Late Kidney Transplant Loss. (Abstract #289)
 Banu Sis, Jeff Reeve, Sakarn Bunnag, Gunilla Einecke, Michael Mengel, Bruce Kaplan, Philip Halloran. Edmonton, AB, Canada; Chicago, IL.

3:27 PM C4d (+) and Donor Specific Antibody (DSA) Have Differential Impact on Outcome after Late Renal Allograft Biopsy. (Abstract #290)
 Robert Gaston, A. Fieberg, R. Leduc, J. Connett, F. Cosio, S. Gourishankar, J. Grande, P. Halloran, L. Hunsicker, B. Kasiske, A. Matas, D. Rush, J. M. Cecka. Birmingham, AL; Minneapolis, MN; Rochester, MN; Edmonton, AB; Iowa City, IA; Winnipeg, MB; Los Angeles, CA

3:45 PM Break

Concurrent Session 41: BK Polyoma Virus I: Immunological Aspects

4:00 PM – 5:30 PM

Room 210

Chairs: Cinthia Drachenberg, MD, and Hans Hirsch, MD, MS

4:00 PM Impact of BK Virus Treatment on Adult Kidney Transplant Recipients – An Analysis of OPTN/UNOS Database. (Abstract #291)
 Tariq Shah, Suphamai Bunnapradist, Marcelo S. Sampaio, Ian V. Hutchinson, Yong W. Cho. Los Angeles, CA.

4:12 PM VP3-Specific Multifunctional CD4-Positive T Cells as a New Marker of Cellular Immunity in Patients with BKV-Associated Nephropathy. (Abstract #292)
 Karin Mueller, Thomas Schachtner, Arne Sattler, Sarah Meier, Gordon Brestrich, Carl Hinrichs, Andreas Thiel, Petra Reinke, Nina Babel. Berlin, Germany.

4:24 PM Immunodominant VP1 and 4 Other Subdominant Antigens as Important Targets of BKV-Specific Immunity in KT Patients with BKV Infection. (Abstract #293)
 Thomas Schachtner, Karin Müller, Maik Stein, Nina Babel, Petra Reinke. Berlin, Germany.

4:36 PM Pre-Transplant IgG Antibodies to BK PolyomaVirus in Pediatric Renal Transplants. (Abstract #294)
 Vanesa Bijol, Adela Cimic, Raphael P. Viscidi, Leonard C. Hymes. Baltimore, MD; Atlanta, GA.

4:48 PM CD4+ T-Cells from HLA-DR04 + Subjects Recognize a BK Virus (BKV) Epitope from a Zinc Finger in the DNA Polymerase Domain of Large T Antigen (LTA). (Abstract #295)
 Bala Ramaswami, Iulia Popescu, Camila Macedo, Diana Metes, Ron Shapiro, Parmjeet Randhawa. Pittsburgh, PA.

5:00 PM Monitoring of Activated T Cell Is Important for Patients with High BK Viral Load in Renal Transplantation. (Abstract #296)
 Wen-Yao Yin, Ning-Sheng Lai, Ming-Chi Lu, Teng-Yi Lin, Ming-Che Lee. Chia-Yi, Taiwan; Hualien, Taiwan.

5:12 PM The Significance of Renal C4D Deposits in Patients with BK Viruria, Viremia, and Nephropathy. (Abstract #297)
 Parmjeet Randhawa, Alin Girnita, Adriana Zeevi, Ron Shapiro, Ibrahim Batal. Pittsburgh, PA.

Concurrent Session 42: Delayed Graft Function

4:00 PM – 5:30 PM

Ballroom B

Chairs: Michelle Josephson, MD, and Fuad Shihab, MD

4:00 PM Pretransplant Chronic Hypotension – An Independent Risk Factor for Primary-Nonfunction of Renal Allografts. (Abstract #298)
 A. Webber, D. Leeser, D. Serur, S. Saal, S. Kapur, M. Suthanthiran, D. Dadhania. NY, NY.

4:12 PM **Delayed Graft Function (DGF) in Two Sirolimus (SRL)–Based Regimens Compared with Tacrolimus (TAC) and Mycophenolate Mofetil (MMF) in De Novo Renal Allograft Recipients. (Abstract #299)**

Stuart M. Flechner, Maciej Glyda, Sandi See Tai, For the ORION Trial Investigators. Cleveland, OH; Poznan, Poland; Collegeville, PA.

4:24 PM **Incidence of Delayed Graft Function (DGF) in a Sirolimus (SRL)–Based Versus Cyclosporine (CsA)–Based Regimen in De Novo Renal Allograft Recipients. (Abstract #300)**

Stuart M. Flechner, Alihan Gurkan, Sandi See Tai, Seth L. Schulman. Cleveland, OH; Antalya, Turkey; Collegeville, PA.

4:36 PM **The Impact of De Novo mTOR (SRL) vs. Calcineurin Inhibitor (CNI) Drugs on the Recovery of Renal Allograft Function. (Abstract #301)**

Ho Yee Tiong, Ithaar Derweesh, Jesse D. Schold, Titte Srinivas, Alvin Wee, Ismail Saad, Barbara Mastroianni, Kathy Savas, Charles Modlin, Stuart M. Flechner. Cleveland, OH; Gainesville, FL.

4:48 PM **Donor DIC Is Associated with Recipient Thrombocytopenia and DGF in Deceased Kidney Transplantation. (Abstract #302)**

Shahzad Shafique, Dennis Diederich, Franz Winklhofer, Connie Wang. Kansas City, KS; Shawnee, KS.

5:00 PM **Delayed Graft Function Is Only Harmful If Associated with Rejection and This Effect Is Predominant in the First Year. (Abstract #303)**

A. Cherukuri, S. Gopaluni, K. Menon, Richard Baker, N. Ahmad. Leeds, United Kingdom.

5:12 PM **Recipient Predictors for Developing Delayed Graft Function (DGF). A Paired Kidney Analysis in a Single Center. (Abstract #304)**

Giuliana Bacchi, Andrea Buscaroli, Elisa Carretta, Serena Corsini, Sergio Stefoni. Bologna, Italy.

Concurrent Session 43: Immune Monitoring: Tolerance and Immune Modulation

4:00 PM – 5:30 PM

Room 309

Chairs: Geetha Chalasanni, MBBS, and Douglas Hale, MD

4:00 PM **Gene Arrays May Predict Stable Clinical Tolerance and Support Safe Immunosuppression Withdrawal. (Abstract #305)**

Minnie M. Sarwal, Li Li, Szu-chuan Hsieh, Robert Lowsky, Stephan Busque, John Scandling, Sussan Jones, Samuel Strober.

4:12 PM **Profound Donor Specific Immune Unresponsiveness in Donor Bone Marrow Cell Infused Renal Transplant Patients. (Abstract #306)**

James M. Mathew, Gaetano Ciancio, George W. Burke, Violet Esquenazi, Rolando Garcia-Morales, Anne Rosen, Laphalle Fuller, Jeff Gaynor, Edward Wang, Camillo Ricordi, Miller Joshua. Chicago, IL; Miami, FL.

4:24 PM **B Cell Immunity in the Context of T Cell Tolerance after Combined Kidney and Bone-Marrow-Transplantation in Humans. (Abstract #307)**

Fabrice Porcheray, Waichi Wong, Susan L. Saidman, Julie DeVito, Timothy C. Girouard, Meredith Chittenden, Juanita Shaffer, Nina Tolkoff-Rubin, Bimalangshu R. Dey, Thomas R. Spitzer, Robert B. Colvin, A. Benedict Cosimi, Tatsuo Kawai, David H. Sachs, Megan Sykes, Emmanuel Zorn. Boston, MA.

4:36 PM **Changes in T Cell Subsets after TLI/ATG Conditioning That Promotes Tolerance to Combined Kidney and Hematopoietic Cell Transplants in Human. (Abstract #308)**

Sussan Dejbakhsh-Jones, Jhon Scandling, Stephan Busque, Roland Nador, David Hongo, Claudia Benike, Aditi Mukhopadhyay, Edgar Engleman, Samuel Strober. Stanford, CA.

4:48 PM Soluble CD83 Mediated Suppression of B-Cell Activation and Differentiation Prolongs Murine Cardiac Allograft Survival. (Abstract #309)
 Wei Ge, Siobhan Ramcharran, Jacqueline Arp, Miren Baroja, Zhu Lan, Jifu Jiang, Weihua Liu, Stephen Brand, Charles Nicolette, Bertha Garcia, Anthony Jevnikar, Hao Wang. London, ON, Canada; Durham, NC.

4:12 PM Impact of Induction with Biologics in Kidney Transplant Patients with a Positive Serology for Hepatitis C: Long-Term Assessment in a Collaborative Study. (Abstract #313)
 Beatriz Domínguez-Gil, Nuria Esforzado, Amado Andrés, Federico Oppenheimer, Gregorio Castellano, Jose M. Campistol, Jose M. Morales. Madrid, Spain; Barcelona, Spain.

5:00 PM Modulation of Dendritic Cells by Soluble CD83 Induces Kidney Allograft Tolerance. (Abstract #310)
 Zhu Lan, Wei Ge, Miren Baroja, Jacqueline Arp, Jifu Jiang, Weihua Liu, Stephen Brand, Charles Nicolette, Bertha Garcia, Hao Wang. London, ON, Canada; Durham, NC.

4:24 PM Randomised Controlled Trial of Alemtuzumab and Tacrolimus Monotherapy with Daclizumab, Tacrolimus and Mycophenolate Mofetil in Renal Transplantation. (Abstract #314)
 K. Chan, J. Galliford, D. Goodall, R. Charif, A. Dorling, A. Warrens, N. Hakim, V. Papalois, D. Taube, A. McLean. London, United Kingdom.

5:12 PM Donor-Derived Mesenchymal Stem Cells Facilitate Kidney Allograft Survival through Attenuation of Alloimmune Response. (Abstract #311)
 Wei Ge, Jifu Jiang, Miren Baroja, Jacqueline Arp, Weihua Liu, Bertha Garcia, Hao Wang. London, ON, Canada.

4:36 PM Prospective, Randomized, Single-Center Trial of Alemtuzumab vs. Rabbit Anti-Thymocyte Globulin Induction in Renal and Pancreas Transplant: Infectious Complications Update. (Abstract #315)
 William Doares, Elizabeth Ashcraft, Rajinder Singh, Lois Hart, Alan Farney, Erica Hartmann, Amber Reeves-Daniel, Jeff Rogers, Patricia Adams, Robert Stratta. Winston-Salem, NC.

Concurrent Session 44: Kidney Induction I

4:00 PM – 5:30 PM

Auditorium

Chairs: Adel Bakr, MD, and Ron Shapiro, MD

4:00 PM Continuing 24 Month Results of a Multicenter, Randomized Trial Comparing Three Induction Agents (Alemtuzumab, Thymoglobulin and Basiliximab) with Tacrolimus, Mycophenolate Mofetil and a Rapid Steroid Withdrawal in Renal Transplantation. (Abstract #312)
 Shamkant Mulgaonkar, Michael Hanaway, E. Steve Woodle, Ram Peddi, Gilda Harrison, Karen Vandeputte, William Fitzsimmons, Roy First, John Holman. Livingston, NJ; Birmingham, AL; Cincinnati, OH; San Francisco, CA; Deerfield, IL.

4:48 PM B Cell Depleting Induction Therapy Increases Acute Cellular Rejection in Renal Transplantation. (Abstract #316)

Menna R. Clatworthy, Christopher J. Watson, Gemma Plotnek, Victoria Bardsley, Afzal N. Chaudhry, Tim Key, J. Andrew Bradley, Kenneth G. C. Smith. Cambridge, United Kingdom.

5:00 PM Induction Immunosuppression: What Is the Difference in the Risk of Serious Infections between Interleukin-2RA and Polyclonal Antibodies? (Abstract #317)
 Andre C. Kalil, Diana F. Florescu, Junfeng Sun.

5:12 PM **Similar Longer-Term Graft Survival in African American and Non-African American Kidney Recipients Treated with Rabbit Anti-Thymocyte Globulin (RATG) Induction in Conjunction with Tacrolimus and Mycophenolate Mofetil. (Abstract #318)**
Melissa Bleicher, Jennifer Trofe, Peter Reese, Simin Goral, Alden Doyle, Peter Abt, Roy D. Bloom.

4:48 PM **The Markov Decision Process Can Help Maximize Benefits in Paired Kidney Donation. (Abstract #323)**
Ann D. Smith, Robert C. Harland, Giuliano Testa, Sommer Gentry. Chicago, IL; Annapolis, MD.

5:00 PM **Report from a 73 Transplant Center Multi-Regional Kidney Paired Donation Program. (Abstract #324)**
Michael Rees, David Barnesi, Jonathan Kopke, Annette Blair, Connie Smith, Laurie Reece.

5:12 PM **Experience with over 50 Altruistic and “Bridge” Donors Involved in Never-Ending Altruistic Donor Chains and Kidney Paired Donation. (Abstract #325)**
Michael Rees, Dorry Segev, Laurence Chan, Shamkant Mulgaonkar, Oleh Pankewycz, Victor Bowers, Charles VanBuren, Ronald Pelletier, Bobby Nibhunupudy, Alfredo Fabrega, Jeffrey Rogers, Robert Montgomery.

Concurrent Session 45: Kidney Living Donor Paired Exchange/ Donor Chains

4:00 PM – 5:30 PM

Room 302/304

Chairs: Joseph Buell, MD, and Marc Melcher, MD

4:00 PM **From Concept to Reality: Increasing Transplantation through Donor Chains. (Abstract #319)**
D. B. Leiser, M. J. Aull, J. Hambleton, D. Serur, G. Hil, D. Dadhanian, M. B. Charlton, S. Kapur. NY, NY.

4:12 PM **Factors Influencing Willingness of the General Population To Participate in Kidney Paired Donation. (Abstract #320)**
Dorry L. Segev, Neil R. Powe, Misty U. Troll, Nae-Yuh Wang, Robert A. Montgomery, L. Ebony Boulware. Baltimore, MD.

4:24 PM **Allocation of Kidneys from True Samaritan Donors. Justification of the Domino-Paired Procedure. (Abstract #321)**
Willij Zuidema, Emma K. Massey, Leonieke W. Kranenburg, Ruud A. M. Erdman, Marry Klerk de, Medard T. Hilhorst, Jan N. M. IJzermans, Willem Weimar. Rotterdam, Netherlands.

4:36 PM **The MATCH: Modified-Sequence Asynchronous Transplant Chain. (Abstract #322)**
Fauzia K. Butt, H. Albin Gritsch, Peter Schulam, Gabriel Danovitch, Alan Wilkinson, Joseph Del Pizzo, Sandip Kapur, David Serur, Steve Katznelson, Stephan Busque, Marc L. Melcher, Suzanne McGuire, Marian Charlton, Garet Hil, Jeffrey L. Veale. Los Angeles, CA; New York, NY; San Francisco, CA; Palo Alto, CA.

Concurrent Session 46: Liver Malignancies: Hepatocellular and Cholangiocarcinoma

4:00 PM – 5:30 PM

Ballroom C

Chairs: David Reich, MD, and Charles Rosen, MD

4:00 PM **Multicenter Analysis of Liver Transplantation (LT) for Metastatic Neuroendocrine Tumor (NET): Is a MELD Exception Justified? (Abstract #326)**
Julie Weesler, Rod Mateo, David Levi, Myron Schwartz, Wallis Marsh, Charles Miller, Rolland Dickson, Steven Rudich, Carlos Esquivel, David Mulligan, Abraham Shaked, Yuri Genyk, Harvey Solomon, Robert Fisher, Johnny Hong, Timothy Pruett, Robert Selby, Linda Sher.

4:12 PM Negative Impact of Neutrophil-Lymphocyte Ratio on Outcome Following Liver Transplantation for Hepatocellular Carcinoma (HCC). (Abstract #327)
 Karim J. Halazun, Mark A. Hardy, Abbas A. Rana, David C. Woodland, Robert S. Brown, Jean C. Emond. New York, NY.

4:24 PM Is HCC Recurrence Different Following Partial Graft vs Full Size Graft Liver Transplantation? (Abstract #328)
 Lakhbir Sandhu, Markus Selzner, Arash Kashfi, Derek Dubay, Nazia Selzner, Ian D. McGilvray, Lesley E. Adcock, George Therapondos, Mark S. Cattral, Les Lilly, Anand Ghanekar, Eberhard L. Renner, Gary A. Levy, David R. Grant. Toronto, ON, Canada.

4:36 PM Identifying Genes for Establishing a Multigenic Test for HCC Surveillance in HCV+ Cirrhotic Patients. (Abstract #329)
 Kellie Archer, Valeria Mas, Daniel Maluf, Karen Bornstein, Robert Fisher. Richmond, VA.

4:48 PM An Early Regional Experience with Expansion of Milan Criteria for Liver Transplant Recipients. (Abstract #330)
 W. Kenneth Washburn, Ann Harper, John Goss, Luis Mieles, Anthony Sebastian, Stephen Cheng, Goran Klintmalm. San Antonio, TX; Richmond, VA; Houston, TX; Oklahoma City, OK; Dallas, TX.

5:00 PM Re-Assessing Selection Criteria Prior to Liver Transplantation for Hepatocellular Carcinoma Using the SRTR Database. (Abstract #331)
 Christian Toso, Sonal Asthana, David L. Bigam, James A. M. Shapiro, Norman Kneteman. Edmonton, Canada.

5:12 PM Outcome of Liver Transplantation Following Neoadjuvant Therapy for Definite vs. Indeterminate Cholangiocarcinoma. (Abstract #332)
 Chakri Panjala, Justin H. H. Nguyen, Nakhleh E. Raouf, Denise M. Harnois. Jacksonville, FL.

Concurrent Session 47: Living Donors and Partial Grafts II 4:00 PM – 5:30 PM

Ballroom A
Chairs: Robert Brown, Jr., MD, MPH, and Jean Emond, MD

4:00 PM The Impact of Pretransplant Recipient's Disease Severity on Outcome after Adult Living Donor Liver Transplantation (LDLT). (Abstract #333)
 Mohamed Akoa, James J. Pomposelli, Khashayar Vakili, Yee Lee Cheah, Khalid Khwaja, David W. Lewis, Frederic Gordon, Roger L. Jenkins, Elizabeth A. Pomfret. Burlington, MA.

4:12 PM Incorporating Safety Risks in the Assessment of Health State Preferences for Living Donor Versus Deceased Donor Liver Transplantation. (Abstract #334)
 A. Skaro, O. Ross, D. Ladner, D. Woods, C. Jay, G. McNatt, J. Holl. Chicago, IL.

4:24 PM Using the Duodenum To Reconstruct the Biliary System in Live Donor Liver Transplantation Is Superior to a Roux-en-Y. (Abstract #335)
 J. Campsen, M. Zimmerman, S. Mandell, T. Bak, M. Wachs, I. Kam. Aurora, CO.

4:36 PM Split Liver Transplantation in Adult and Pediatric Recipients: A 16 Year Experience in a Single Center. (Abstract #336)
 Olivier Boillot, Gabriella Pittau, Thomas Gelas, Mustapha Adham, Jérôme Dumortier, Yves Bouffard, Catherine Boucaud, Charles Ber, Pierre Sagnard. Lyon, France.

4:48 PM Split Liver Transplantation for Two Adult Recipients in a European MELD-Based Allocation System. (Abstract #337)
 Matteo Cescon, Gian Luca Grazi, Matteo Ravaioli, Giorgio Ercolani, Marco Vivarelli, Augusto Lauro, Massimo Del Gaudio, Matteo Zanella, Gaetano Vetrone, Chiara Zanfi, Francesco Tuci, Alessandro Dazzi, Paolo Di Gioia, Alessandro Cucchetti, Antonio D. Pinna. Bologna, Italy.

5:00 PM **Extremely Low Morbidity in LLS Donors to Pediatric Recipients: The Columbia University Experience. (Abstract #338)**
Benjamin Samstein, Thalís Christophedes, Dianne LaPointe-Rudow, Jean C. Emond. New York, NY.

5:12 PM **Rapid Decision Analysis Pathway Can Prevent Donor Death and Lead to Life-Saving Transplant Following Donor Right Hepatectomy (RH). (Abstract #339)**
David Mulligan, A. Moss, S. Reddy, K. Mekeel, J. Larson, B. Aqel, D. Douglas. Phoenix, AZ.

Concurrent Session 48: Lung

4:00 PM – 5:30 PM

Room 313

Chairs: Scott Palmer, MD, MHD, and Martin Zamora, MD,

4:00 PM **Lung Transplantation Using Donation after Cardiac Death: Single-Center Update. (Abstract #340)**
James J. Yun, David P. Mason, Sudish C. Murthy, Marie M. Budev, Gosta B. Pettersson. Cleveland, OH.

4:12 PM **Minimally Invasive Approach in Double Lung Transplantation. (Abstract #341)**
Yoshiya Toyoda, Diana Zaldonis, Sujatha Raghu, Jay K. Bhama, Enrique Gongora, Maria Crespo, Brice Johnson, Joseph Pilewski, Sebastien Gilbert, Giovanni Speziali, Christian Bermudez.

4:24 PM **Receptor for Advanced Glycation End Products (RAGE) Levels Are Increased in Donor Lungs That Develop Primary Graft Dysfunction Post-Transplantation. (Abstract #342)**
A. Pelaez, S. D. Force, E. C. Lawrence, A. M. Ramirez, D. C. Neujahr, A. A. Gal, D. A. Quintero, K. A. Easley, D. M. Guidot, P. O. Mitchell. Atlanta, GA.

4:36 PM **Early Risk Factors for Moderate or Severe Renal Insufficiency in Lung Transplant Recipients. (Abstract #343)**
Erin Elliott, Samir Patel, Nadine Haykel, A. Osama Gaber, Ramesh Kesavan, Harish Seethamraju. TX.

4:48 PM **Development of Immune Responses to Self Antigens (K- α 1 Tubulin & CollagenV) Following Human Lung Transplant Plays a Pivotal Role in the Pathogenesis of Chronic Rejection. (Abstract #344)**
Deepti Saini, Sabarinathan Ramachandran, Michael Liu, Garrison Simon, Nancy Steward, Aviva Aloush, Ramsey Hachem, Elbert Trulock, G. Alexander Patterson, Thalachallour Mohanakumar. St. Louis, MO.

5:00 PM **Epidemiology of CMV Disease in CMV-Naive Lung Transplant Recipients in the Era of Valganciclovir Prophylaxis. (Abstract #345)**
D. Mitsani, A. Vadnerkar, F. Silveira, U. Celik, J. Pilewski, M. Crespo, M. H. Nguyen, C. J. Clancy.

5:12 PM **Successful Outcome after Lung Transplantation in Hepatitis C Virus Seropositive Patients in the United States. (Abstract #346)**
Yong W. Cho, James Ciciarelli, Ian V. Hutchinson, Tse-Ling Fong. Los Angeles, CA.

Concurrent Session 49: Organ Donation: Economics, Public Policy, and Ethics

4:00 PM – 5:30 PM

Room 306

Chairs: Michael Abecassis, MD, and Robert Higgins, MD, MSHA

4:00 PM **Changing Patterns of Organ Donation at a Single Center; Are Potential Brain Dead Donors Being Lost to Donation after Cardiac Death? (Abstract #347)**
Reza F. Saidi, James Bradley, David Greer, Richard Luskin, Kevin O'Connor, Francis Delmonico, Peter Kennealey, Nahel Elias, Martin Hertl, James Markmann.

4:12 PM **Presumed Consent Laws Are Associated with Higher Donation Rates around the World. (Abstract #348)**
Barbara Kern, Richard B. Freeman. Boston, MA.

4:24 PM Heart Transplantation Defies Goals of Organ Donation Breakthrough Collaborative. Will Other Solid Organs Follow Suit? (Abstract #349)
Jose Nativi, Josef Stehlik, Robert N. Brown, David O. Taylor, James K. Kirklin.

4:12 PM Does Interleukin 17A Contribute to Acute Cellular Rejection of Human Renal Allografts? (Abstract #355)
Janani Rangaswami, Dany Anglicheau, Vijay K. Sharma, Manikkam Suthanthiran. NY.

4:36 PM Patients Transplanted Overseas: A Summary of UK Data. (Abstract #350)
Antonia Cronin, Rachel Johnson, Robert Lechler.

4:24 PM STAT6 or T-bet Is Required for Acute Allograft Rejection. (Abstract #356)
Yu Yang, Jiangnan Xu, Jordi C. Ochando, Jonathan S. Bromberg, Yaozhong Ding. New York, NY.

4:48 PM Special Informed Consent and Hospital Policies Are Associated with Increased Utilization of High Risk Donor Organs. (Abstract #351)
Lauren M. Kucirka, Colleen F. Hanrahan, Ruth Namuyinga, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

4:36 PM Prolonged Loss of Donor Graft Indoleamine-2,3 Dioxygenase (IDO) Expression Accelerates Kidney Allograft Immune Injury. (Abstract #357)
Zhu-Xu Zhang, Shuang Wang, Hongtao Sun, Jifu Jiang, Weihua Liu, Kanishka Mohib, Xuyan Huang, Bertha Garcia, Hao Wang, Andrew L. Mellor, Caigan Du, Anthony M. Jevnikar. London, ON, Canada; Augusta, GA; Vancouver, BC, Canada.

5:00 PM Regional Differences in Mortality Significantly Impact Organ Availability. (Abstract #352)
Ellen Sheehy, Kevin O'Connor, Richard Luskin, Frederick Selck, Richard Howard, Danielle Cornell, Jan Finn, Thomas Mone, Francis Delmonico. Newton, MA; Gainesville, FL; Westwood, KS; Los Angeles, CA; Boston, MA; Newton, MA.

4:48 PM TH17 Cells Are Not Suppressed by IL-10 and Induce Acute Allograft Rejection. (Abstract #358)
Yu Yang, Jiangnan Xu, Jordi C. Ochando, Jonathan S. Bromberg, Yaozhong Ding. New York, NY.

5:12 PM Transplant Tourism: We Can Intervene. (Abstract #353)
Olivier Diec, John Gill, R. J. Shapiro, David Landsberg, Jagbir Gill. Vancouver, BC, Canada.

5:00 PM Administration of Recipient-Derived Dendritic Cells (DC) Knockdown of CD80 and/or CD86 Prolongs Survival of Cardiac Allografts. (Abstract #359)
Xiaodong Shen Shen, Jun Hong, Xiaodong Gu, Jianbin Xiang, Shiguang Qian, Zongyou Chen. Shanghai, China; Cleveland, OH.

Concurrent Session 50: Pathways in Acute Rejection

4:00 PM – 5:30 PM

Room 310

Chairs: Donna Farber, PhD, and Kenneth West, MD

4:00 PM Decreased Cardiac Allograft Rejection in Mice Over-Expressing Human GTP Cyclohydrolase I. (Abstract #354)
Irina A. Ionova, Brian C. Cooley, Jeannette Vasquez-Vivar, Jennifer Whitsett, Raymond Q. Migrino, Nicholas J. Alp, Keith M. Channon, Galen M. Pieper. Milwaukee, WI; Oxford, United Kingdom.

5:12 PM CD28:B7 Signaling Prevents Acute Rejection in a Class II Mismatched Cardiac Allograft Model That Is Dependent on Tregs for Long-Term Survival. (Abstract #360)
Leonardo V. Riella, Jun Yang, Olaf Boenisch, Mohamed H. Sayegh, Anil Chandraker. Boston, MA.

Concurrent Session 51: Psychosocial and Compliance Issues

4:00 PM – 5:30 PM

Room 208

Chairs: James Rodrigue, PhD, and Nataliya Zelikovsky, PhD

- 4:00 PM Living Donation Willingness Explained: Find a Volunteer, Don't Ask. (Abstract #361)**
Amy D. Waterman, Elena Deych, Shelley S. Hyland, Andrea L. Paiva, Mark L. Robbins. Saint Louis, MO; Kingston, RI.
- 4:12 PM Patient Reported Outcome Measures (PROMS) in Living Kidney Donation and Transplantation: Recipient Expectations Exceeded While Some Donors Report a Poorer Outcome. (Abstract #362)**
Luke Forster, John Weinman, Lisa Burnapp, Nizam Mamode. London, United Kingdom.
- 4:24 PM Psychosocial Impact of Transplantation on Spouse Caregivers. (Abstract #363)**
James R. Rodrigue, Timothy Antonellis, Noelle Dimitri, Amanda Reed, Didier Mandelbrot, Martha Pavlakis, Michael Curry. Boston, MA.
- 4:36 PM Development of the Essen Compliance Score – Measurement of Adherence in Kidney Transplant Patients. (Abstract #364)**
Tobias R. Türk, Gabriele H. Franke, Melanie Jagla, Leif Haferkamp, Jens Reimer, Andreas Kribben, Oliver Witzke. Essen, Germany; Stendal, Germany; Hamburg, Germany.
- 4:48 PM Dialysis Providers Ability To Educate Patients about Transplant: Good Education Partners? (Abstract #365)**
Amy D. Waterman, Christina Goalby, Shelley S. Hyland. Saint Louis, MO.
- 5:00 PM Transition Readiness and Adherence among Pediatric Liver Transplant Recipients. (Abstract #366)**
Emily M. Fredericks, Dawn Dore-Sites, Andrew Well, Victoria Shieck, John C. Magee, M. James Lopez. Ann Arbor, MI.

- 5:12 PM Cognitive Abilities, Quality of Life and Psychosocial Burden in Liver-Transplanted Children and Their Families. The Project "Live!@"** (Abstract #367)
Karl-Heinz Schulz, Tanja Kaller, Nadine Langguth, Kristin Ziegler, Rainer Ganschow, Bjoern Nashan, Martin Burdelski, Andreas Richterich. Hamburg, Germany; Kiel, Germany.

Concurrent Session 52: Stem Cell Modulation of Rejection and Alloimmunity

4:00 PM – 5:30 PM

Room 312

Chairs: Desai Niraj, MD, and Daniel Salomon, MD

- 4:00 PM Endothelial Cells Co-Cultured with Embryoid Bodies Enhance Insulin-Producing Beta Cell Differentiation through BMP-2 Signaling. (Abstract #368)**
Dodanim Talavera-Adame, Gordon Wu, Tina T. Ng, Yao He, Jae Y. Hwang, Daniel L. Farkas, Donald C. Dafoe. Los Angeles, CA.
- 4:12 PM Embryonic Stem Cell-Derived Lin^{c-kit} and Lin^{Sca-1} Hematopoietic Progenitor Cells Highly Express H60 Which Abrogates Their Engraftment Due to NK Cell-Mediated Killing. (Abstract #369)**
William Tabayoyong, Jon Salas, Sabrina Bonde, Nicholas Zavazava. Iowa City, IA.
- 4:24 PM Expression of Lentivirus Encoded Protective MHC Class II Alleles in the Thymus of NOD Mice Prevents the Development of Diabetes. (Abstract #370)**
Michela Donnarumma, Jessamyn Bagley, Chaorui Tian, Jonathan G. Godwin, John Iacomini. Boston, MA.
- 4:36 PM Restoring the Proliferation of Endogenous T_{reg} Is Pivotal To Abrogate Autoimmune Destruction of Islet in NOD Mice. (Abstract #371)**
Qixin Shi, Donna Farber, David Scott, Stephen Bartlett. Baltimore, MD.

- 4:48 PM** **Allogeneic Mesenchymal Stem Cell Transplantation for Prevention and Therapy of Autoimmune Diabetes in NOD Mice. (Abstract #372)**
Mollie Jurewicz, Paolo Fiorina, Andrea Augello, Andrea Vergani, Shirine Dada, Mohamed H. Sayegh, Reza Abdi. Boston, MA.
- 5:00 PM** **ABC5+ Dermal Mesenchymal Stem Cells Prolong Cardiac Allograft Survival in Fully MHC-Mismatched Murine Models of Heart Transplantation. (Abstract #373)**
Tobias Schatton, Jun Yang, Martin Grimm, Natasha Y. Frank, Ana Maria Waaga-Gasser, Mohamed H. Sayegh, Markus H. Frank. Boston, MA; Würzburg, Germany.
- 5:12 PM** **Cell Therapy: Positive Remodeling after Myocardial Infarction Using IV Injected Mesenchymal Stem Cells and Cytokine Enhancement. (Abstract #374)**
Sonja Schrepfer, Tobias Deuse, Christoph Peter, Hermann Reichenspurner, Thomas Eschenhagen, Robert C. Robbins. Stanford, CA; Hamburg, Germany.
- 4:24 PM** **Tolerance to a Composite Tissue Allografts after the Induction of Mixed Chimerism in a Pre-Clinical Large Animal Model. (Abstract #377)**
David W. Mathes, James Edwards, Tiffany Miwongtum, Scot Graves, Rainer Storb. Seattle, WA.
- 4:36 PM** **Anti-Inflammatory Macrophages Suppress Allospecific T Cell Responses and Induce Treg Via Reactive Oxygen Species (ROS) Production. (Abstract #378)**
Cees van Kooten, Marina D. Kraaij, Sandra W. van der Kooij, Karin Koekkoek, Kyra A. Gelderman. Leiden, Netherlands.
- 4:48 PM** **SMILE, a New Molecule Involved in Operational Tolerance in Transplantation. (Abstract #379)**
Maud Racape, Magali Giral, Richard Danger, Annaick Pallier, Joanna Ashton-Chess, Segolene Pette, Beatrice Charreau, Jean-Paul Souillou, Sophie Brouard. Nantes, France.
- 5:00 PM** **CLEC-1, a C-type Lectin-Like Receptor, Is Specifically Over-Expressed by Endothelial Cells in Tolerated Allografts and Seems To Alter T Cell Activation. (Abstract #380)**
Pamela Thebault, Natacha Lhermite, Gaele Tilly, Laetitia Le Texier, Thibaut Quillard, Michele Heslan, Beatrice Charreau, Maria Cristina Cuturi, Elise Chiffolleau. Nantes, France.

Concurrent Session 53: Tolerance II: (Pre)Clinical/Th17

4:00 PM – 5:30 PM

Room 311

Chairs: Edward Geissler, PhD, and Stuart Knechtle, MD

- 4:00 PM** **Alloreactive Memory T Cells in Cynomolgus Monkeys and Their Relationships to Rejection of and Tolerance to Kidney Allografts. (Abstract #375)**
Ognjenka Nadazdin, Roger Wiseman, David O'Connor, Svjetlan Boskovic, Joren Madsen, Tatsuo Kawai, Anthony B. Cosimi, Gilles Benichou. Boston, MA; Madison, WI.
- 4:12 PM** **Treatment of Non-Human Primate Cardiac Allograft Recipients with IL-2/Fc, mIL-15/Fc and Sirolimus Prolongs Graft Survival. (Abstract #376)**
Timothy M. Millington, Choo Ng, Terry B. Strom, Maria Koulmanda, Joren C. Madsen. Boston, MA.
- 5:12 PM** **The Reciprocal Relationship between Th17 Immunity and Foxp3-Expressing Tregs in the Allograft Response. (Abstract #381)**
Dusan Hanidziar, Zhigang Fan, Terry B. Strom, Maria Koulmanda. Boston, MA.

Concurrent Session 54: Viral Diseases and Diagnostics

4:00 PM – 5:30 PM

Room 206

Chairs: Michael Ison, MD, MS, and Jutta

Preiksaitis, MD

4:00 PM Incidence and Prognosis of West Nile Virus Following Kidney Transplantation. (Abstract #382)
Brian M. Cohee, Joshua D. Hartzell, Frank P. Hurst, Rahul M. Jindal, Lawrence Y. Agodoa, Kevin C. Abbott, Robert T. Neff. Washington, DC; Bethesda, MD.

4:12 PM The Costs and Savings of Polyoma Virus Screening in Kidney Transplantation. (Abstract #383)
Frederick Smith, Bryce Kiberd. Halifax, NS, Canada.

4:24 PM Impact of Immunosuppressive Therapy on the Natural History of Chronic Hepatitis E Virus Infection in Solid-Organ-Transplant Patients. (Abstract #384)
Nassim Kamar, Florence Legrand-Abravanel, Janick Selves, Jean Michel Mansuy, Jacques Izopet, Lionel Rostaing. Toulouse, France.

4:36 PM Donor Serologic Screening: Current Practices and Future Challenges – A Survey Reported by the OPTN/ UNOS Ad Hoc Diseases Transmission Advisory Committee (DTAC). (Abstract #385)
Michael G. Ison, T. Pruett, L. Teperman, S. Covington, K. Taylor, E. Blumberg, K. Carney, J. Cutler, M. DiMaio, M. Green, R. Hasz, B. Kubak, B. Vasudev, M. Nalesnik. Richmond, VA.

4:48 PM Persistent Norovirus Infection in Adult Renal Allograft Recipients: Molecular Evidence for Immunity-Driven Viral Evolution. (Abstract #386)
Thomas Fehr, Robert Schorn, Walter Bossart, Marina Hoehne, Eckart Schreier, Nicolas Müller, Rudolf P. Wüthrich. Zurich, Switzerland; Berlin, Germany.

5:00 PM Natural Polymorphisms in CMV Genes and Their Effect on Viral Fitness. (Abstract #387)
Atul Humar, Anders Asberg, Anders Hartmann, Mark Pescovitz, Halvor Rollag, Alan Jardine, Guy Boivin. IN.

5:12 PM Clinical Utility of Routine Virologic Surveillance for CMV after Antiviral Prophylaxis in High-Risk Patients. (Abstract #388)
Luiz F. Lisboa, Jutta K. Preiksaitis, Atul Humar, Deepali Kumar. Edmonton, AB, Canada.

Poster Session III

5:30 PM – 6:30 PM

Poster Viewing: 8:00 AM – 6:30 PM

Presenters in Attendance: 5:30

PM – 6:30 PM

Exhibit Hall C, Second Floor

John B. Hynes Convention Center

Poster Session III Program can be

found on pages 153-169.

AST Business Meeting

6:00 PM – 7:00 PM

Room 306

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Tuesday, June 2, 2009

7:00 AM – 8:15 AM Sunrise Symposia

Page 118 **Sunrise Symposium I: Strategies for Minimizing Health Care Disparities in Organ Transplantation- A Global View**
Ballroom C

Page 118 **Sunrise Symposium II: C-Peptide Positive Diabetics: Appropriate Candidates for Pancreas Transplantation?**
Room 312

Page 118 **Sunrise Symposium III: CMV and BK Virus: Controversies and Challenges**
Ballroom B

Page 118 **Sunrise Symposium IV: Donation After Cardiac Death and Liver Transplantation: Where are We in 2009?**
Ballroom A

Page 118 **Sunrise Symposium V: Innate Regulation of Adaptive Immunity**
Room 302/304

7:00 AM – 8:15 AM Early Morning Workshops

Page 119

8:15 AM Break

8:30 AM – 10:00 AM Plenary Session III

Page 119 Auditorium

10:00 AM – 10:45 AM Controversies in Transplantation – Making Clinical Trials Relevant

Page 120 Auditorium

10:45 AM Break

11:00 AM – 12:00 NN Presidential Addresses

Page 120 Auditorium

12:00 NN – 12:30 PM AST/ASTS Distinguished Awards

Page 120 Auditorium

12:45 PM – 2:00 PM Industry-Supported Satellite Symposium

Contemplating CMV

Auditorium

Page 120

2:15 PM – 3:45 PM Concurrent Sessions

Page 120 **Concurrent Session 55: Acute Kidney Rejection: Gene Expression**
Ballroom B

Page 121 **Concurrent Session 56: Antibody, Endothelium and Vasculopathy**
Room 312

Page 121 **Concurrent Session 57: Anti-HLA Antibodies**
Room 206

Page 122 **Concurrent Session 58: Barriers and Surgical Issues of Kidney Living Donation**
Room 210

Page 123 **Concurrent Session 59: Biopsy Scoring and ECDs**
Room 302/304

Page 123 **Concurrent Session 60: Composite Tissue Transplants**
Room 208

Page 124 **Concurrent Session 61: Genomics/ Proteomics of Kidney Allograft Dysfunction**
Room 309

Page 125 **Concurrent Session 62: Immunosuppression Preclinical Studies I**
Room 310

Page 125 **Concurrent Session 63: Islet: Clinical Issues**
Room 306

Page 126 **Concurrent Session 64: Kidney Immunosuppression: Novel Agents**
Auditorium

AMERICAN TRANSPLANT CONGRESS
Day-at-a-Glance, Tuesday, June 2, 2009

Page 127 **Concurrent Session 65: Liver: Complications, Recurrent Disease, and Hepatitis III**
Ballroom A

Page 128 **Concurrent Session 66: Liver: Immunosuppression Issues**
Ballroom C

Page 128 **Concurrent Session 67: Miscellaneous Pathogens**
Room 313

Page 129 **Concurrent Session 68: T Cell Costimulation: New Pathways and Implications**
Room 311

3:45 PM Break

4:00 PM – 5:30 PM Concurrent Sessions

Page 130 **Concurrent Session 69: Acute Kidney Rejection: Antibody-Mediated**
Auditorium

Page 130 **Concurrent Session 70: BK Polyoma Virus II: Virological and Clinical Aspects**
Ballroom B

Page 131 **Concurrent Session 71: Chemokines and Cytokines**
Room 310

Page 132 **Concurrent Session 72: Ischemia Reperfusion: Immune Mediators**
Room 312

Page 132 **Concurrent Session 73: Kidney Immunosuppression: Steroid Minimization – Avoidance Protocols**
Room 302/304

Page 133 **Concurrent Session 74: Kidney Living Donor Outcomes I**
Ballroom C

Page 134 **Concurrent Session 75: Kidney: Complications III**
Room 210

Page 134 **Concurrent Session 76: Liver: MELD/ Allocation**
Ballroom A

Page 135 **Concurrent Session 77: Molecular and Humoral Phenotypes of Chronic Renal Allograft Injury**
Room 311

Page 136 **Concurrent Session 78: Non-Organ Specific: Disparities to Outcome and Access to Healthcare**
Room 206

Page 137 **Concurrent Session 79: Optimizing Islet and Cell Transplantation**
Room 306

Page 137 **Concurrent Session 80: Pediatric Transplantation: Kidney**
Room 208

Page 138 **Concurrent Session 81: Tolerance III: Chimerism (Rodent Models)/ Regulatory Cells**
Room 309

5:30 PM – 6:30 PM Poster Session IV
Presenters in Attendance – Beverages
*Exhibit Hall C, Second Floor,
John B. Hynes Convention Center*

Page 233 **Bacteria and Fungi**

Page 234 **Deceased Donor Issues and Allocation**

Page 235 **Heart**

Page 239 **Immune Monitoring in Clinical and Preclinical Transplantation**

Page 240 **Immunosuppression Preclinical Studies: Poster Session**

Page 242 **Islet Cell and Stem Cell and Cell Transplantation Posters**

Page 245 **Kidney Induction I**

Page 246 **Kidney: Complications IV**

Page 249 **Liver: Complications, Recurrent Disease, Hepatitis and Replantation III**

Page 251 **Living Donors and Partial Grafts Posters**

Page 253 **Modulation of Alloantibody Responses**

Page 254 **Non-Organ Specific: Disparities to Outcome and Access to Healthcare**

Page 255 **Pancreas Transplantation III**

Page 256 **Pediatric Transplantation: Kidney**

Page 258 **Tolerance II**

Page 259 **Late-Breaking Poster Abstracts**

5:30 PM – 6:30 PM ASTS Business Meeting

Room 313

6:30 PM – 9:30 PM Industry – Supported Symposium

Page 139 **Chronic Allograft Nephropathy/ Interstitial Fibrosis and Tubular Atrophy: Insight into Etiology and Management.**

Grand Ballroom, Sheraton Boston Hotel

Tuesday, June 2, 2009

Concurrent Sunrise Symposia

7:00 AM – 8:15 AM

Sunrise Symposium I: Strategies for Minimizing Health Care Disparities in Organ Transplantation- A Global View

Ballroom C

Chairs : Jerry McCauley, MD, MPH, and Ross Isaacs, MD

7:00 AM State-of-the-Art in Disparities in Organ Transplantation
Robert Higgins, MD

7:25 AM Current Strategies to Mitigate Disparities in Organ Donation - Best Practices
Winfred Williams, MD

7:50 AM Future Strategies and Ongoing Research Aimed at Mitigating Disparities in Organ Donation
Jerry McCauley MD, MPH

Sunrise Symposium II: C-Peptide Positive Diabetics: Appropriate Candidates for Pancreas Transplantation?

Room 312

Chairs: Peter Stock, MD, PhD, and Alexander Wiseman, MD

This is an audience response system session, supported by Roche Laboratories, Inc.

7:00 AM Defining Diabetes: C Peptide and Beyond
Jennifer Larsen, MD

7:15 AM Selection of Appropriate Candidates and Outcomes of Pancreas Transplantation for C-Peptide Positive Diabetics
Robert Stratta, MD

7:30 AM Pancreas Transplantation for C-Peptide Positive Diabetics
PRO: *David Sutherland, MD, PhD*
CON: *David Harlan, MD*

8:00 AM Audience Response/Discussion

Sunrise Symposium III: CMV and BK Virus: Controversies and Challenges

Ballroom B

Chairs: Atul Humar, MD, MSC, and David Snyderman, MD

7:00 AM The Case for CMV Prophylaxis: Universal vs Pre-emptive Treatment
David Snyderman, MD

7:15 AM Assessing Risk: CMV Immunity in Transplantation
Martina Sester, PhD

7:30 AM Treatment of CMV: Newer Options and Lessons from Clinical Trials
Atul Humar, MD, MSC

7:45 AM Risk and Prevention of BK Nephropathy
Hans Hirsch, MD, MSC

8:00 AM Discussion

Sunrise Symposium IV: Donation After Cardiac Death and Liver Transplantation: Where are We in 2009?

Ballroom A

Chairs: Anthony M. D'Alessandro, MD, and R. Mark Ghobrial, MD, PhD

7:00 AM Selecting the Appropriate DCD Donor
Hani Grewal, MD

7:25 AM Donation after Cardiac Death and Liver Transplantation: The United States' Experience
Shawn Pelletier, MD

7:50 AM Donation After Cardiac Death and Liver Transplantation: The European Experience
Jacques Belghiti, MD

Sunrise Symposium V: Innate Regulation of Adaptive Immunity

Room 302/304

Chairs: Jessamyn Bagley, PhD, and Anita Chong, PhD

7:00 AM Colitis Driven by T-bet Deficiency in Dendritic Cells
Wendy Garrett, MD, PhD

7:25 AM NK Cell Tolerance to Self and Others
Wayne Yokoyama, MD

7:50 AM Complement Regulation Exerts Control over T cell Immunity and Tolerance
Peter Heeger, MD

Early Morning Workshops

7:00 AM – 8:15 AM

21. HLA Epitope Matching for Organ Transplantation: What's the Role?

Rene Duquesnoy, PhD
Frans Claas, PhD
Room 105

22. Strategies for Infection-free Life After Transplant

Deepali Kumar, MD
Robin Avery, MD
Room 305

23. Transplanting in HIV

Emily Blumberg, MD
John Fung, MD, PhD
Room 308

24. Expanding the Liver Donor Pool

A. Joseph Tector, MD
John Renz, MD, PhD
Room 301

25. Micro RNA Regulation of the Immune Response

Alexander Rudensky, MD
Mark Lindsay, PhD
Room 104

26. Imaging Immune Responses (Labeling Cells, Cell Trafficking)

Michael Dustin, PhD
Thorsten Mempel, MD, PhD
Room 303

8:15 AM Break

Plenary Session III

8:30 AM – 10:00 AM

Auditorium

Chairs: *Ginny Bumgardner, MD, PhD, and Robert Merion, MD*

8:30 AM Analysis of HLA Alloantigen Immunogenicity Based on the Physicochemical Properties of Polymorphic Amino Acids Enables Prediction of the Magnitude of Humoral Immune Responses. (Abstract #389)

Vasilis Kosmoliaptis, Afzal N. Chaudhry, Linda D. Sharples, David Halsall, Timothy Dafforn, J. Andrew

Bradley, Craig J. Taylor. United Kingdom.

8:45 AM The Immunoproteasome Beta Subunit Ten Is Increased in Chronic Antibody Mediated Allograft Rejection; Proteasome Inhibition as a Novel Therapeutic Strategy. (Abstract #390)

Joanna Ashton-Chess, Vojislav Jovanovic, Mai Le Hoa, Karine Renaudin, Yohann Foucher, Magali Giral, Anne Moreau, Emilie Dugast, Michael Mengel, Maud Racapé, Richard Danger, Claire Usal, Helga Smit, Marina Guillet, Wilfried Gwinner, Jean-Paul Soullou, Sophie Brouard. Nantes, France; Alberta, Canada; Nantes, France; Hannover, Germany.

9:00 AM AEB071, a Novel Protein Kinase C-Inhibitor: First Clinical Results of an AEB071 Plus Tacrolimus Regimen in Renal Transplant Recipients. (Abstract #391)

Klemens Budde, Claudia Sommerer, Thomas Becker, Argiris Asderakis, Frank Pietruck, Josep M. Grinyo, Paolo Rigotti, Jacques Dantal, Jennifer Ng, Markus J. Barten, Markus Weber.

9:15 AM ASTS Awards

9:30 AM The New Heart Allocation System: Is It Working as Designed? (Abstract #392)

Leah B. Edwards, Maryl R. Johnson, J. David Vega, On Behalf of the OPTN/UNOS Thoracic Transplantation Committee. Richmond, VA; Madison, WI; Atlanta, GA.

9:45 AM Prevention of Endothelial Activation with C5 Inhibition in Positive-Crossmatch Kidney Transplants (+XMKTx). (Abstract #393)

Lynn D. Cornell, Justin M. Burns, Mark D. Stegall. Rochester, MN.

Tuesday
June 2

Controversies in Transplantation

10:00 AM – 10:45 AM

Making Clinical Trials Relevant

Auditorium

Chairs: Flavio Vincenti, MD, and Goran Klintmalm, MD, PhD

10:00 AM Trends in Trial Design—Is it Time to Re-Assess Non-Inferiority?
Herwig-Ulf Meier-Kriesche, MD

10:12 AM Is it Time to Change Control Groups in Transplant Studies?
Arthur Matas, MD

10:24 AM What are the Key FDA Issues in Registration Trials in Transplantation?
Patrick Archdeacon, MD

10:36 AM Discussion

10:45 AM Break

ASTS/AST Presidential Addresses

11:00 AM – 12:00 NN

Auditorium

ASTS President's Address

John Roberts, MD

AST President's Address

Barbara Murphy, MD

ASTS/AST Distinguished Awards

12:00 NN – 12:30 PM

Auditorium

Industry-Supported Satellite

Symposium

12:45 PM – 2:00 PM

Contemplating CMV

Auditorium

Concurrent Session 55: Acute

Kidney Rejection: Gene Expression

2:15 PM – 3:45 PM

Ballroom B

Chairs: Darshana Dadhania, MD, and Philip Halloran, MD, PhD

2:15 PM Intragraft Expression Profiles by Quantitative PCR in Kidney Transplant Patients Reflect Variability in the Response to Anti-Rejection Treatment with Corticosteroids. (Abstract #394)
Niels V. Rekers, Ingeborg M. Bajema, Kim Zuidwijk, Marko J. Mallat, Natascha Goemaere, Marian C. van Groningen, Cees van Kooten, Hans W. de Fijter, Frans H. Claas, Michael Eikmans. Leiden, Netherlands; Rotterdam, Netherlands.

2:27 PM Can Molecular Changes in Protocol Biopsies Predict the Future? Correlating Microarray Data to Future Scarring, Dysfunction, and Rejection in Renal Allografts. (Abstract #395)
Michael Mengel, D. Kayser, W. Gwinner, A. Schwarz, J. Reeve, H. Haller, P. Halloran. Canada; Germany.

2:39 PM High Expression of Markers of Alternative Macrophage Activation Is a Feature of Canonical T Cell Mediated Rejection. (Abstract #396)
Konrad S. Famulski, Gunilla Einecke, Banu Sis, Philip F. Halloran. Edmonton, AB, Canada.

2:51 PM NK Cells Likely Produce IFN γ in Response to Allo-Antigens (Ags) and Contribute to Antibody Mediated Rejection (AMR) in Highly Sensitized Patients (HS). (Abstract #399)
Mieko Toyoda, Shili Ge, Pavel Pichurin, Andy Pao, Ashley Vo, Nathan Deer, Angela Aguiluz, Artur Karasyov, Stanley C. Jordan. Los Angeles, CA.

3:03 PM Foxp3 Levels Predict Clinical Outcome in Patients with Borderline Change after Renal Transplantation. (Abstract #398)
Philippe Grimbart, Hicham Mansour, Sebastien Homs, Dominique Desvaux, Philippe Lang. France, Metropolitan.

3:15 PM **Reassessing “Subclinical Rejection” Using Molecular Features: Typical T Cell Mediated Rejection Is Rare in Protocol Biopsies. (Abstract #397)**
Daniel Kayser, Michael Mengel, Wilfried Gwinner, Anke Schwarz, Jeff Reeve, Hermann Haller, Philip F. Halloran. Edmonton, AB, Canada; Hannover, Germany.

3:27 PM **Reassessing Banff: Using Molecular Analysis To Test the Histologic Classification. (Abstract #400)**
Nathalie Kayser, Jeff Reeve, Michael Mengel, Banu Sis, Philip F. Halloran. Edmonton, AB, Canada.

Concurrent Session 56: Antibody, Endothelium and Vasculopathy

2:15 PM – 3:45 PM

Room 312

Chairs: David Briscoe, MD, and Paul Grimm, MD

2:15 PM **Nox-2 May Be a Modulator of Chronic Cyclosporine A (CsA) Nephrotoxicity. (Abstract #401)**
Arjang Djamali, Aparna Vidyasagar, Elizabeth Sadowski, Lynn Jacobson, Deb Hullett, Shannon Reese. Madison, WI.

2:27 PM **Impaired Notch4 Activity Is an Hallmark of Endothelial Dysfunction Associated with Chronic Allograft Vasculopathy. (Abstract #402)**
Thibaut Quillard, Stephanie Coupel, Flora Coulon, Juliette Fitau, Mathias Chatelais, Maria-Cristina Cuturi, Elise Chiffolleau, Beatrice Charreau. Nantes, France.

2:39 PM **Apoptotic Endothelial Cells Promote Myofibroblast Differentiation through Secretion of Connective Tissue Growth Factor (CTGF) in a Caspase-3-Dependent and a TGFbeta1-Independent Manner. (Abstract #403)**
Alain Beliveau, Patrick Laplante, Isabelle Sirois, Marc-Andre Raymond, Victor Kokta, Alexandre Prat, Alexei V. Pshezhetsky, Marie-Josée Hebert. Montreal, QC, Canada.

2:51 PM **Apoptosis Triggers Exosome-Dependent Release of TCTP Downstream of Caspase-3 Activation: A Novel Pathway for Anti-Apoptotic Intercellular Communication. (Abstract #404)**
Isabelle Sirois, Marc-Andre Raymond, Jean-Francois Cailhier, Nathalie Brassard, Alexei V. Pshezhetsky, Hebert Marie-Josée. Montreal, QC, Canada.

3:03 PM **Development of Antibodies to Collagen V during Post-transplantation Are Associated with Adverse Graft Outcome in Cardiac Transplant Recipients. (Abstract #405)**
Dilip S. Nath, Deepti Saini, Sabarinathan Ramachandran, Gregory A. Ewald, Nader Moazami, T. Mohanakumar. St. Louis, MO.

3:15 PM **Autoantibody Contributes to the Development of Allograft Vasculopathy, but Only in Concert with Conventional Alloimmune Responses. (Abstract #406)**
I. G. Harper, K. Saeb-Parsy, T. S. Win, M. Goddard, E. M. Bolton, J. A. Bradley, G. J. Pettigrew.

3:27 PM **Targeting CCR5 Attenuates the Development of CAV in a Primate Model. (Abstract #407)**
Tiffany A. Stoddard, Sean Kelishadi, Tianshu Zhang, Christopher Avon, Emily Welty, Amal Laaris, Xiangfei Cheng, Amy Berson, Man-Ling Sung, Minh Diem Vu, Dominic C. Borie, Jose M. Lora, Johannes Auer, Karim Dabbagh, Agnes Azimzadeh, Richard N. Pierson III. Baltimore, MD; Palo Alto, CA.

Concurrent Session 57: Anti-HLA Antibodies

2:15 PM – 3:45 PM

Room 206

Chairs: Mark Laftavi, MD, and V. Ram Peddi, MD

2:15 PM **Impact of Repeat HLA Antigen Mismatch (RMM) in Second Renal Transplant Recipients (RTR). (Abstract #408)**
K. Tinkam, C. Rose, S. Hariharan, J. Gill. Toronto, ON, Canada; Vancouver, BC, Canada; Milwaukee, WI.

- 2:27 PM Relationship of Transfusion, Transplant Nephrectomy and PRA Levels in Patients Waiting for a Second Transplant. (Abstract #409)**
M. Mya, S. M. Raza, B. Loehmann, F. Garland, T. McLaughlin, W. R. Bastnagel, A. Al-Absi, L. Campos, J. Vanatta, N. Nazekatgoo, J. D. Eason. Memphis.
- 2:39 PM Decreased Graft Survival in Kidney Retransplantation: The Critical Role of Anti-HLA Antibodies. (Abstract #410)**
Patrick G. Dean, Fernando G. Cosio, James M. Gloor, Hatem Amer, Mark D. Stegall. Rochester, MN.
- 2:51 PM Reduction in De Novo HLA Antibodies Improves Renal Allograft Survival. (Abstract #411)**
Matthew J. Everly, Lorita M. Rebellato, Mikki Ozawa, Kimberly P. Briley, Paul G. Catrou, Carl E. Haisch, Paul I. Terasaki. Los Angeles, CA; Greenville, NC; Canoga Park, CA; Greenville, NC.
- 3:03 PM Causes of Kidney Transplant (KTx) Failure in Patients with Anti-HLA Class II Antibodies (AB II). (Abstract #412)**
Ziad El-Zoghby, James M. Gloor, Mark D. Stegall, Fernando G. Cosio. Rochester, MN.
- 3:15 PM Interaction between HLA-DR Mismatch and T Cell Positive Flow Cytometry Crossmatch on Kidney Allograft Survival. (Abstract #413)**
Moro O. Salifu, Ilhan Karabicak, Allen J. Norin, Ayoola Adekile, Nabil B. Sumrani, Dale A. Distant. Brooklyn, NY.
- 3:27 PM Polyclonal Rabbit Anti-Thymocyte Globulin (rATG) Therapy in Renal Transplantation Is Not Associated with Increased Anti-Donor (DSA) or Anti-HLA Antibody. (Abstract #414)**
Martin S. Zand, Angela Busacco, Jonathan Hoffmann, Myra Coppage. Rochester, NY.

Concurrent Session 58: Barriers and Surgical Issues of Kidney Living Donation

2:15 PM – 3:45 PM

Room 210

Chairs: Dicken Ko, MD, and Jean Paul Squiffet, MD, PhD

- 2:15 PM The Changing Landscape of Living Kidney Donors in the US. (Abstract #415)**
Jennifer L. Wainright, Matthew Cooper, D. L. Bolton, Connie L. Davis.
- 2:27 PM Practices and Barriers in Living Kidney Donor Follow-Up: A Survey of U.S. Transplant Centers. (Abstract #416)**
Didier Mandelbrot, Martha Pavlakis, Scott Johnson, Seth Karp, Doug Hanto, James Rodrigue. Boston, MA.
- 2:39 PM Disparities in the Utilization of Live Donor Renal Transplantation. (Abstract #417)**
Jennifer S. Singer, John L. Gore, Mark S. Litwin, Phuong-Thu T. Pham, Gabriel M. Danovitch. Los Angeles, CA.
- 2:51 PM Clinical Significance of Slow Recovery of Graft Function in Living Donor Kidney Transplantation. (Abstract #418)**
So Young Lee, Hye Eun Yoon, Bok Jin Hyoung, Youn Joo Jeon, Hyeon Seok Hwang, Joon Chang Song, Bum Soon Choi, Yong-Soo Kim, Suk Young Kim, Yeong Jin Choi, Chul Woo Yang. Seoul, Republic of Korea.
- 3:03 PM Current Trends and Short-Term Outcomes of Live Donor Nephrectomy: A Population Based Analysis. (Abstract #419)**
Anand Singla, Nicholas G. Csikesz, YouFu Li, Rodney Taylor, Adel Bozorgzadeh, Shimul A. Shah. Worcester, MA.
- 3:15 PM Laparoscopic Procurement Results in Better Outcomes for Pediatric Recipients; an Analysis of 306 Cases. (Abstract #420)**
Nizam Mamode, Rachel Johnson, Vassilis Hadjianastassiou. London, United Kingdom; Bristol, United Kingdom.

3:27 PM Long-Term Follow-Up of a Randomized Trial Comparing Laparoscopic and Mini-Incision Open Donor Nephrectomy. (Abstract #421)
Leonienke F. C. Dols, Niels F. M. Kok, Noortje Wentink, Khe T. C. Tran, Willij C. Zuidema, Ine M. Dooper, Willem Weimar, Jan N. M. IJzermans. Rotterdam; Nijmegen, Netherlands.

Concurrent Session 59: Biopsy Scoring and ECDs

2:15 PM – 3:45 PM

Room 302/304

Chairs: Jeffrey Rogers, MD, and Brian Shames, MD

2:15 PM Improving Long Term Outcomes in Recipients of Older Kidneys Utilizing a Pre-Implantation Biopsy Scoring System (MAPI). (Abstract #422)
Benjamin Philosophie, Christine Tabor, Ashley Jackson, Erin McCann, Rolf Barth, Eugene Schweitzer, Matthew Cooper, Sameh Fayek, Stephen Bartlett, Raghava Munivenketappa. Baltimore, MD.

2:27 PM Use of Baseline Kidney Biopsies (BX) and Pulsatile Perfusion Parameters To Predict Graft Outcome in Deceased Donor (DD) Kidney Transplants. (Abstract #423)
Todd E. Pesavento, Uday S. Nori, Anjali Satoskar, Dorrie Dils, Mitchell L. Henry, Jon R. Von Visger, Neeraj Singh. Columbus, OH.

2:39 PM Time-Zero Biopsy Gene Expression Data Predict Short and Long Term Outcomes Post Kidney Transplantation. (Abstract #424)
Daniel Maluf, Kellie Archer, Kenneth Yanek, Adrian Cotterell, Amit Sharma, Marc Posner, Robert Fisher, Anne King, Valeria Mas. Richmond, VA.

2:51 PM Cellular or Humoral Presensitization Increases the Risk of Delayed Graft Function and Acute Rejection in Recipients of Expanded Criteria Donor Kidneys. (Abstract #425)
Donald E. Hricik, Peter S. Heeger, Aparna Padiyar, Kenneth A. Bodziak, Mark Aeder, James A. Schulak, Joshua J. Augustine. Cleveland, OH; New York, NY.

3:03 PM Expanded Criteria Deceased Donor Renal Transplants Are Not Significantly More Costly Than Standard Criteria Deceased Donor Renal Transplants. (Abstract #426)
William Nugent, David Leeser, Meredith Aull, Sandip Kapur. New York, NY.

3:15 PM Improved Long-Term Outcomes of ECD Transplants Using Pulsatile Perfusion Preservation. (Abstract #427)
Richard Perez, Denise Simao, Christoph Troppmann, Michael Daily, John McVicar, Brian Gallay, Mehul Gandhi, Muralikrishna Golconda, Angelo de Mattos. Sacramento, CA.

3:27 PM Expanding the Definition of Extended Criteria Donors: Successful Utilization of 70 Year Old Deceased Donor Kidneys. (Abstract #428)
Alp Sener, Poornima Vanguri, Raghava Munivenkatappa, Wana Manitspitkul, Rolf N. Barth, Abdolreza Haririan, Stephen T. Bartlett, Benjamin Philosophie, Matthew Cooper. Baltimore, MD.

Concurrent Session 60: Composite Tissue Transplants

2:15 PM – 3:45 PM

Room 208

Chairs: Linda Cendales, MD, and Scott Gruber, MD, PhD, MBA

2:15 PM First Face Allograft in Human: A Three Years Follow Up. (Abstract #429)
Lionel Badet, Emmanuel Morelon, Palmira Petruzzo, Sylvie Testelin, Jean Kanitakis, Assia Eljafari, Christophe Malcus, Nathalie Parquet, Xavier Martin, Bernard Devauchelle, Olivier Hequet, Mauricette Michallet, Jean-Michel Dubernard. Lyon, France; Amiens, France; Paris, France.

2:27 PM Transplant Vasculopathy and Humoral Alloresponse in Composite Tissue Allotransplantation: Role of Multiple Acute Rejections. (Abstract #430)
Jignesh Unadkat, Stefan Schneeberger, Mario Solari, Kia Washington, Xin Xiao Zheng, W. P. Andrew Lee. Pittsburgh, PA.

2:39 PM Interleukin-2 Induced Immunomodulation for Long-Term Survival of Composite Tissue Allotransplantation. (Abstract #431)
Jignesh Unadkat, Dong Zhang, Rishi Jindal, Tim Ng, Mario Solari, Kia Washington, Yong Wang, Vijay Gorantla, W. P. Andrew Lee, Xin Xiao Zheng. Pittsburgh, PA.

2:51 PM An Unusual PTLD-Like Syndrome in Hand Transplant Recipient 2 Years Post Transplant. (Abstract #432)
Warren Breidenbach, Roger Herzog, Christina Kaufman, Stephen Slone, Brenda Blair, Wyndom Wilson, Joesph Buell, Kadiyala Ravindra. Louisville, KY; MD.

3:03 PM Using a FACES Score To Create a Face Transplant Candidate Registry. (Abstract #433)
Chad R. Gordon, Daniel Alam, Steven Bernard, Risal Djohan, Frank Papay, James E. Zins, Kathy Coffman, Maria Siononow. Cleveland, OH.

3:15 PM Steroid Free Immunosuppression in Hand Transplantation: First Large Series in World Literature. (Abstract #434)
Kadiyala Ravindra, Joseph Buell, Christina Kaufman, Michael Marvin, Brenda Blair, Warren Breidenbach. Louisville, KY.

3:27 PM Update on the American Hand Transplant Experience: Five Hand Transplants Performed in Louisville. (Abstract #435)
Warren Breidenbach, Kadiyala Ravindra, Joseph Buell, Brenda Blair, Christina Kaufman. Louisville, KY.

Concurrent Session 61: Genomics/ Proteomics of Kidney Allograft Dysfunction
2:15 PM – 3:45 PM

Room 309
Chairs: Valeria Mas, PhD, and Thomas Mueller, MD, PD

2:15 PM T Cell Mediated Rejection in Mouse and Human Kidney Allografts Acts by Inducing a Stereotyped Epithelial Response Resembling Acute Tubular Necrosis. (Abstract #438)
Daniel Kayser, Gunilla Einecke, Jessica M. Vanslambrouck, John E. J. Rasko, Philip F. Halloran. Edmonton, AB, Canada; Sydney, New South Wales, Australia.

2:27 PM Macrophage Associated Transcripts Distinguish T Cell Mediated Rejection from Antibody Mediated Rejection in Renal Allografts. (Abstract #437)
Nathalie Kayser, Jeff Reeve, Luis G. Hidalgo, Philip F. Halloran. Edmonton, AB, Canada.

2:39 PM Differential Immunogenicity and Clinical Relevance of Kidney Compartment Specific Antigens after Renal Transplantation. (Abstract #436)
Li Li, Minnie Sarwal.

2:51 PM Integrated Peptidomic and Genomic Analyses of Renal Allograft Dysfunctions Revealed Altered Protein Catabolism Resulting Predictive Urine Peptide Biomarkers. (Abstract #439)
T. Sigdel, X. Ling, K. Lau, I. Lau, J. Schilling, Minnie Sarwal.

3:03 PM Single Nucleotide Polymorphism Associated with Acute Rejection in Renal Transplants. (Abstract #440)
Ajay Israni, S. Basu, D. Schladt, S. K. Kim, R. Leduc, P. Jacobson, B. Julian, A. Matas, W. Oetting, For DEKAF Investigators. Minneapolis, MN.

3:15 PM **Discovery and Validation of Diagnostic Peripheral Blood Gene Expression Signatures for Acute Rejection: Report of the TGCG Study. (Abstract #441)**
Sunil Kurian, Adam Williams, Christopher Marsh, Tony Mondala, Steven Head, Daniel Salomon. La Jolla, CA.

3:27 PM **Post-Transplant Nuclear Renal Scans and Renal Injury Biomarker Genes KIM-1 and NGAL Correlate with Early Allograft Outcomes. (Abstract #442)**
Motaz A. Obeidat, Valerie A. Luyckx, Gian S. Jhangri, Thomas F. Mueller. Edmonton, AB, Canada.

2:51 PM **Local, Graft Specific Immunosuppression Is a Safe Treatment Option To Prevent Acute and Chronic Rejection in an Airway Transplant Model. (Abstract #446)**
Tobias Deuse, David Weill, Hermann Reichenspurner, Robert C. Robbins, Bruce Reitz, Sonja Schrepfer. Stanford, CA; Hamburg, Germany.

3:03 PM **Generation of Rhesus Monkey Alloantigen-Specific Regulatory T Cells Using Monocyte-Derived Dendritic Cells. (Abstract #447)**
Alan F. Zahorchak, Giorgio Raimondi, Angus W. Thomson. Pittsburgh, PA.

Concurrent Session 62: Immunosuppression Preclinical Studies I

2:15 PM – 3:45 PM

Room 310

Chairs: Douglas Hale, MD, and Nader Najafian, MD

2:15 PM **Long-Term Graft Acceptance by a Novel Human Anti-CD40 Monoclonal Antibody, 4D11, after Liver Transplantation in Non-Human Primates. (Abstract #443)**
Tetsu Oura, Kenichiro Yamashita, Tomomi Suzuki, Toru Miura, Hironori Haga, Akira Shimizu, Masahiko Taniguchi, Tsuyoshi Shimamura, Hiroyuki Furukawa, Satoru Todo. Sapporo, Japan; Takasaki, Japan; Tokyo, Japan.

2:27 PM **Targeting and Modulating Human Lymphocytes and Monocytes with a Novel Polyclonal Rabbit Anti-Human Leukocyte Antibody. (Abstract #444)**
He Xu, Yusong Fang, Liangming Zhu, Yong Jiang, Allan D. Kirk. Jinan, China; Atlanta.

2:39 PM **Development of a Novel Clinically Relevant Strategy To Promote Engraftment in a Stringent Skin Transplant Model: Increasing Tregs/ Teff Ratio by Low Dose ATG and CTLA4-Ig. (Abstract #445)**
F. D'Addio, X. Yuan, J. Williams, M. Ruzek, M. H. Sayegh, N. Najafian, M. J. Ansari. Boston; Cambridge; Chicago.

3:15 PM **Recombinant Human C1-Inhibitor Prevent Acute Antibody-Mediated Rejection in Alloimmunized Baboon. (Abstract #448)**
Xavier Tillou, Nicolas Poirier, Stephanie LeBas-Bernardet, Jeremy Hervouet, David Minault, Karine Renaudin, Fabio Vistoli, Georges Karam, Mohamed Doha, Gilles Blancho. Nantes, France; Leiden, Netherlands.

3:27 PM **The Significance of Immune Cell Function Testing in Renal Transplantation. (Abstract #449)**
Vaughn Whittaker, Geo Serban, Jianshe Fan, David Cohen, Lloyd Ratner, Nicole Suciu-Foca, Adriana Colovai. New York, NY.

Concurrent Session 63: Islet: Clinical Issues

2:15 PM – 3:45 PM

Room 306

Chairs: Paolo Fiorina, MD, PhD, and Jose Oberholzer, MD

2:15 PM **Development of a Novel Immunosuppressive Regimen To Facilitate Single Donor Islet Cell Transplantation Using Efalizumab. (Abstract #450)**
Nicole A. Turgeon, Jose G. Avila, Avinash Agarwal, Jose A. Cano, Elizabeth B. Holbrook, Marti H. Sears, Patrick H. Bowen, Allan D. Kirk, Thomas C. Pearson, Christian P. Larsen. Atlanta, GA.

2:27 PM **Islet Allograft Survival in Type 1 Diabetics Using a Calcineurin Inhibitor-Free Protocol Based on the Anti-LFA-1 Antibody Efalizumab. (Abstract #451)**

Andrew Posselt, G. Szot, L. Frassetto, U. Masharani, R. Kerlan, F. Vincenti, L. Fong, M. Tavakol, J. Bluestone, B. Hering, P. Stock. San Francisco, CA; Minneapolis, MN.

2:39 PM **Development of HLA Sensitization Post Islet Transplantation: Are There Implications for Allograft Function? (Abstract #452)**

Luis Fernandez, Milagros Samaniego, Matthew Hanson, David Hirsch, David Lorentzen, Nancy Radke, Jon Odorico. Madison, WI.

2:51 PM **Immune Monitoring in Clinical Islet Transplantation by Assessment of Induced-Activation of CD4+T-Lymphocytes. (Abstract #453)**

Davide Mineo, Tatiana Froud, David A. Baidal, Eva Herrada, Manuel Carrero, Philip Ruiz, Luigi Meneghini, Camillo Ricordi, Rodolfo Alejandro. Miami, FL.

3:03 PM **Evidence of Islet Survival and Revascularization Following Intramuscular Autotransplantation in the Minipig. (Abstract #454)**

Adrien Sterkers, Thomas Hubert, Robert Caiazzo, Valery Gmyr, Nathalie Delalleau, Julie Kerr-Conte, Francois Pattou. France.

3:15 PM **Biopsy Monitoring after Clinical Islet Transplantation. (Abstract #455)**

Christian Toso, Kumiko Isse, Demetris J. Anthony, Parastoo Dinyari, Angela Koh, Sharleen Emes, Tatsuya Kin, Juliet Emamaullee, Bruce Verchere, Peter Senior, James Shapiro. Edmonton, AB, Canada; Pittsburg, PA; Vancouver, BC, Canada.

3:27 PM **Islet after Kidney Transplantation from the Collaborative Islet Transplant Registry: 1999-2007. (Abstract #456)**

Rodolfo Alejandro, Francois Pattou, James F. Markmann, Franca B. Barton, Enrico Cagliero, Stephen Wease, Ali Naji, Bernhard J. Hering. Miami, FL; Lille, Cedex, France; Boston, MA; Rockville, MD; Minneapolis, MN; Philadelphia, PA.

Concurrent Session 64: Kidney Immunosuppression: Novel Agents

2:15 PM – 3:45 PM

Auditorium

Chairs: Bruce Kaplan, MD, and Björn Nashan, MD, PhD

2:15 PM **Tacrolimus Pharmacokinetics When Combined with the Protein Kinase C Inhibitor AEB071 in De Novo Kidney Transplant Patients. (Abstract #457)**

J. M. Kovarik, J. U. Steiger, J. M. Grinyo, L. Rostaing, W. Arns, J. Dantal, A. Slade, M. J. Barten, K. Budde. Basel, Switzerland.

2:27 PM **AEB071, a Novel Protein Kinase C-Inhibitor: Evaluation of an AEB071 Plus Mycophenolate Regimen in Renal Transplant Recipients. (Abstract #458)**

Styrbjorn Friman, Wolfgang Arns, Bernhard Banas, Larry Chan, Shamkant Mulgaonkar, Bjorn Nashan, Marianne Soergel, Flavio Vincenti, Karl-Martin Wissing, Steffen Witte, E. Steve Woodle. Basel, Switzerland.

2:39 PM **Pharmacometrics of Voclosporin: Predicting Clinical Outcome with Calcineurin Activity in a Phase 2b Renal Transplant Trial. (Abstract #459)**

Pat Mayo, Shamkant Mulgaonkar, Anthony Jevnikar, A. Osama Gaber, Rita Alloway, Herwig-Ulf Meier-Kriesche.

2:51 PM **Pharmacometrics of Voclosporin: Quantification of a Therapeutic Window in a Phase 2b Renal Transplant Trial. (Abstract #460)**

Spencer Ling, Rita Alloway, A. Osama Gaber, Shamkant Mulgaonkar, Herwig-Ulf Meier-Kriesche, Anthony Jevnikar. Edmonton, AB, Canada; Cincinnati, OH; Houston, TX; Livingston, NJ; Gainesville, FL; London, ON, Canada.

3:03 PM **Randomized Trial of Tacrolimus/Sirolimus Versus Tacrolimus/Mycophenolate Versus Cyclosporine (Neoral®)/Sirolimus in Renal Transplantation: Seven Year Results. (Abstract #461)**

Giselle Guerra, Jeffrey J. Gaynor, Gaetano Ciancio, Alberto Zarak, Junichiro Sageshima, David Roth, Warren Kupin, Linda Chen, Lois Hanson, Lissett Tueros, Sandra Flores, Phillip Ruiz, Joshua Miller, George W. Burke. Miami, FL.

3:15 PM **Bortezomib Treatment for Refractory Acute Humoral Rejection: Intermediate Results. (Abstract #462)**

R. C. Walsh, J. Everly, M. Everly, P. Brailey, R. R. Alloway, A. H. Rike, L. Arend, G. Mogilishetty, A. Govil, A. Tevar, E. S. Woodle.

3:27 PM **Four-Year Experience with Tacrolimus Once-Daily Prolonged Release (TAC QD) in Kidney, Liver and Heart Recipients. (Abstract #463)**

J. P. van Hooff, R. R. Alloway, P. Trunecka. Netherlands; Czech Republic.

Concurrent Session 65: Liver: Complications, Recurrent Disease, and Hepatitis III

2:15 PM – 3:45 PM

Ballroom A

Chairs: Thomas Collins, MD, and Dong-Sik Kim, MD, PhD

2:15 PM **Efficacy of Combined Steroid-Free Immunosuppression with Low Dose Preemptive Anti-HCV Therapy for Hepatitis C Virus Infection in Living Donor Liver Transplantation. (Abstract #464)**

Shigeru Marubashi, Hiroaki Nagano, Shogo Kobayashi, Yutaka Takeda, Masahiro Tanemura, Keizo Dono, Koji Umeshita, Morito Monden, Yuichiro Doki, Masaki Mori. Suita, Osaka, Japan.

2:27 PM **Induction with Rabbit Antithymocyte Globulin Delays Recurrent Disease Following Orthotopic Liver Transplantation for Hepatitis C Virus. (Abstract #465)**

Reza Saidi, M. Hertl, D. S. C. Ko, P. Kennealey, T. Kawai, J. Markmann, A. K. Bhan, R. Chung, A. B. Cosimi, N. Elias.

2:39 PM **The Effects of Smoking on Liver Transplant Morbidity and Mortality. (Abstract #466)**

Tacara N. Soones, Shing Lee, Silvia Hafliger, Lorna M. Dove. New York, NY.

2:51 PM **High Incidence of Early Cardiac Death after Liver Transplantation for NASH Cirrhosis. (Abstract #467)**

Bahar Madani, Shahid Malik, Jawad Ahmad. Pittsburgh, PA.

3:03 PM **Early Indicators of Outcome in Type 1 Hepatorenal Syndrome: Focus on Serum Creatinine in the Pivotal Terlipressin Trial. (Abstract #468)**

Andrew Keaveny, Guadalupe Garcia-Tsao, Alice Bexon, Arun Sanyal.

3:15 PM **Cardiovascular Risk Factors and Mortality in the First Four Years after Liver Transplantation. Results of a Spanish Multicentre Database Focused in Cardiovascular Disease. (Abstract #469)**

J. Ignacio Herrero, V. Cuervas-Mons, J. Marti, J. Ortiz-de-Urbina, L. Llado, C. Jimenez, E. Otero, F. Suarez, J. Rodrigo, M. A. Gomez, E. Fraga, P. Lopez, T. Serrano, A. Rios, E. Fabrega. Pamplona, Navarra, Spain; Madrid, Spain; Barcelona, Spain; Bilbao, Spain; Santiago, Spain; La Coruña, Spain; Malaga, Spain; Sevilla, Spain; Cordoba, Spain; Zaragoza, Spain; Murcia, Spain; Santander, Spain.

3:27 PM **Portal Vein Thrombosis (PVT) and Liver Transplant Survival Benefit. (Abstract #470)**

Michael J. Englesbe, Douglas E. Schaubel, Shije Cai, Mary K. Guidinger, Robert M. Merion. Ann Arbor, MI.

Concurrent Session 66: Liver: Immunosuppression Issues

2:15 PM – 3:45 PM

Ballroom C

Chairs: Lynt Johnson, MD, MBA, and Hugo Vargas, MD

2:15 PM Conversion to Cyclosporine Therapy Induces Significant Benefits in Liver Transplant Recipients on Tacrolimus with New Onset Diabetes: The DIALIVER Study. (Abstract #471)

Maria Rendina, Giorgio Rossi, Davide D'Amico, Franco Filippini, Pierluigi Toniutto, Giorgio E. Gerunda, Oreste Cuomo, Francesco Picciotto, Gian Luca Grazi, Gianpaolo Parrilli, Pasquale Conoscitore, Sabina C. Magalini, Giuseppe Tisone, Mario Strazzabosco, Giuseppe Corbetta, Marta Bartzzaghi, Piero Marchetti. Bari, Italy.

2:27 PM Alemtuzumab Induction in Non-Hepatitis C Positive Liver Transplant Recipients. (Abstract #472)

Josh Levitsky, Kavitha Thudi, Michael G. Ison, Michael Abecassis. Chicago, IL.

2:39 PM Successful Use of an Immunosuppressive Regimen Aimed at Temporally Depleting B Cells and Blocking B-1 Cell Differentiation in ABO-Incompatible Liver Transplantation. (Abstract #473)

Hirofumi Tazawa, Toshimitsu Irei, Yuka Igarashi, Hirotaka Tashiro, Toshimasa Asahara, Hideki Ohdan. Hiroshima, Japan.

2:51 PM Excellent Efficacy and Renal Function in Liver Recipients with Tacrolimus Once-Daily Prolonged Release: 2-Year Follow-Up. (Abstract #474)

P. Truneka, O. Boillot, U. Neumann. Prague, Czech Republic; Lyon, France; Berlin, Germany.

3:03 PM Mycophenolate Mofetil Monotherapy Favour Impact the Histological Course in HCV Transplant Recipients. (Abstract #475)

Tommaso Maria Manzia, Luca Toti, Ilaria Lenci, Roberta Angelico, Andrea Monaco, Matteo Manuelli, Linda De Luca, Laura Tariciotti, Leonardo Baiocchi, Giuseppe Tisone. Rome, Italy.

3:15 PM Application of CD8⁺ Cells Count as a Guide of Immunosuppressant Conduction for Very Sick Patients Undergoing Liver Transplantation. (Abstract #476)

Chen-Fang Lee, Ting-Jun Wu, Hong-Shiue Chou, Kun-Ming Chan, Wei-Chen Lee. Taoyuan, Taiwan

3:27 PM Impact of an Steroid-Free Immunosuppression Regimen (Tacrolimus + Mycophenolate Mofetil) Versus a Conventional Regimen (Tacrolimus + Steroids) in Cardiovascular Risk Factors after Liver Transplantation: Preliminary Results. (Abstract #477)

Valentin Cuervas-Mons, Jose I. Herrero, Miguel A. Gomez, Ignacio Gonzalez, Trinidad Serrano, Manuel De la Mata, Joan Fabregat, Javier Bustamante, Mikel Gastaca, Itxarone Bilbao, Evaristo Varo, Gloria Sanchez, Miguel Jimenez, Rafael Martin-Vivaldi. Spain.

Concurrent Session 67: Miscellaneous Pathogens

2:15 PM – 3:45 PM

Room 313

Chairs: Upton Allen, MBBS, and Robin Avery, MD

2:15 PM Incidence, Mortality, and Antimicrobial Resistance Rates of Gram-Negative Bloodstream Infection in Kidney Transplant Recipients. (Abstract #478)

Majdi N. Al-Hasan, Raymund R. Razonable, Jeanette E. Eckel-Passow, Larry M. Baddour. Lexington, KY; Rochester, MN.

2:27 PM Tuberculosis after Kidney Transplantation; Single Center Experience in Endemic Area. (Abstract #479)

Myoung Soo Kim, Dong Jin Joo, Soo Jin Kim, Kyu Ha Huh, Jong Hoon Lee, Kiil Park, Soon Il Kim, Yu Seun Kim. Seoul, Korea; Goyang, Korea.

- 2:39 PM** **The Changing Face of Invasive Fungal Infections in Lung Transplantation in the Era of Voriconazole Prophylaxis. (Abstract #480)**
U. Celik, A. Vadnerkar, C. J. Clancy, D. Mitsani, J. Pilewski, M. Crespo, Y. Toyoda, M. H. Hong.
- 2:51 PM** **Pulmonary Zygomycosis in Solid Organ Transplant Recipients: Risks and Outcomes in the Current Era. (Abstract #481)**
N. Singh, J. Aguado, H. Bonatti, G. Forrest, M. Barron, Zygomycosis Transplant Study Group.
- 3:03 PM** **Intradermal Influenza Vaccination of Adult Renal Transplant Recipients: Randomised Controlled Phase 2 Trial. (Abstract #482)**
Emmanuel Morelon, Claire Pouteil-Noble, Sameh Daoud, Remi Cahen, Jean-Louis Touraine, Catherine Goujon-Henry, Francoise Weber, Pascal Laurent, Dominique Kaiserlian, Jean-Francois Nicolas. Lyon, France; Pierre Bénite, France; Marcy l'Etoile, France.
- 3:15 PM** **Reduced Incidence of Seasonal Influenza with Oseltamivir Prophylaxis in Solid Organ Transplant (SOT) Recipients. (Abstract #483)**
Michael G. Ison, P. Szakaly, M. Y. Shapira, G. Kriván, A. Nist, R. Dutkowski. Chicago, IL; Pécs, Hungary; Jerusalem, Israel; Budapest, Hungary; Nutley, NJ.
- 3:27 PM** **Molecular Evidence of Interhuman Transmission in an Outbreak of *Pneumocystis jirovecii* Pneumonia in Renal Transplant Recipients. (Abstract #484)**
Nicolas J. Mueller, Lea Haeberli, Beda Joos, Bruno Ledergerber, Rudolf P. Wuethrich, Rainer Weber, Herbert Kuster, Philippe M. Hauser, Thomas Fehr, Sara Gianella. Zurich, Switzerland; Lausanne, Switzerland.

Concurrent Session 68: T Cell Costimulation: New Pathways and Implications

2:15 PM – 3:45 PM

Room 311

Chairs: Antje Habicht, MD, and A. M. Waaga-Gasser, MD, Prof

- 2:15 PM** **Central Memory CD8 T Cells Derive from the Effector T Cell Pool and Not from a Separate Lineage. (Abstract #485)**
Castle J. Funatake, Erica L. Jacovetty, Elizabeth Ingulli. San Diego, CA; La Jolla, CA.
- 2:27 PM** **A Novel Interaction between PDL1 and B7.1 Is Functional in Inhibiting Alloimmune Responses *In Vivo*. (Abstract #486)**
Jun Yang, Susanne Robles, Leonardo Riella, Mohamed H. Sayegh, Anil Chandraker. Boston, MA.
- 2:39 PM** **The Emerging Role of T Cell Ig Mucin-1 (TIM-1) in the Mechanism of Liver Ischemia and Reperfusion Injury. (Abstract #487)**
Yoichiro Uchida, Bibo Ke, Maria Cecilia S. Freitas, Elizabeth R. Benjamin, Nader Najafian, Mohamed H. Sayegh, Ronald W. Busuttil. Los Angeles, CA; Boston, MA.
- 2:51 PM** **TIM-4: An Important T Cell Costimulatory Molecule in Mediating CD28-Independent Alloimmune Responses *In Vivo*. (Abstract #488)**
Melissa Yeung, Takuya Ueno, Olaf Boenisch, Hideo Yagita, Hisaya Akiba, David Rothstein, Nader Najafian, Mohamed Sayegh. Boston, MA; Tokyo, Japan; New Haven, CT.
- 3:03 PM** **TGFβ Attenuates Th17 Responses by c-Maf Induction: A New Regulatory Pathway for IL-10. (Abstract #489)**
Jiangnan Xu, Yu Yang, Girdhari Lal, Jonathon S. Bromberg, Yaozhong Ding. New York, NY.

3:15 PM **Impact of Naïve Donor-Reactive Precursor Frequency on the Differentiation of Costimulation-Independent CD8+ Memory T Cells. (Abstract #490)**
Mandy L. Ford, Tamara L. Floyd, Maylene E. Wagener, Samantha S. Hanna, Linda Stempora, Rose Hendrix, Allan D. Kirk, Christian P. Larsen. Atlanta, GA.

3:27 PM **MicroRNAs in Lymphocyte Activation. (Abstract #491)**
Jessamyn Bagley, Jonathan G. Godwin, Peter Jindra, John Iacomini. Boston, MA

3:45 PM **Break**

Concurrent Session 69: Acute Kidney Rejection: Antibody-Mediated

4:00 PM – 5:30 PM

Auditorium

Chairs: Enver Akalin, MD, and Stanley Jordan, MD

4:00 PM **Assessing Pre-Transplant Immunologic Risk – A New Paradigm. (Abstract #492)**
Ty Dunn, K. Gillingham, H. Noreen, D. Maurer, A. Humar, R. Kandaswamy, D. Sutherland, B. Payne, A. Matas. Mpls.

4:12 PM **A Virtual Crossmatch Approach to Transplant Sensitized Recipients across a Positive Flow Cytometry Crossmatch. (Abstract #493)**
Jean-Luc Taupin, Lionel Couzi, Delphine Morel, Karine Moreau, Pierre Merville, Jean-François Moreau. Bordeaux, France.

4:24 PM **Characteristics of Patients Who Developed Antibody Mediated Rejection (AMR) Post-Transplant after Desensitization with IVIG + Rituximab: Analysis of Risk Factors & Outcomes. (Abstract #494)**
Ashley A. Vo, Kai Cao, Chih-Hung Lai, Nancy Reinsmoen, Mieko Toyoda, Shili Ge, Alice Peng, Rafael Villicana, Stanley C. Jordan. Los Angeles, CA.

4:36 PM **De Novo Other Than Pre-Existing Circulating Antiendothelial Cell Antibodies Are Associated with Post Transplant Allograft Rejection: A Prospective Study. (Abstract #495)**
Qiquan Sun, Zhihong Liu, Zhen Cheng, Jinsong Chen, Dongrui Cheng, Shuming Ji, Jiqiu Wen, Leishi Li. Nanjing, China.

4:48 PM **A Single Center Experience: Can a Virtual Crossmatch Replace the Prospective Crossmatch? (Abstract #496)**
Christopher P. Johnson, Brian D. Shames, Stephanie Brown, Allan M. Roza, David C. Cronin, Thomas M. Ellis. Milwaukee, WI.

5:00 PM **The Importance of HLA-Cw Typing in Avoiding Antibody Mediated Rejection. (Abstract #497)**
Ty Dunn, H. Noreen, D. Maurer, A. Humar, R. Kandaswamy, D. Sutherland, W. Payne, A. Matas. Mpls, MN.

5:12 PM **Differential Evolution of Structural and Functional Changes during the First Year of Kidney Transplantation (KT). (Abstract #498)**
A. Loupy, S. Escolano, D. Anglicheau, M. O. Timsit, F. Martinez, E. Thervet, G. Friedlander, X. Jouven, C. Legendre, M. Froissart. France.

Concurrent Session 70: BK Polyoma Virus II: Virological and Clinical Aspects

4:00 PM – 5:30 PM

Ballroom B

Chairs: Fabrizio Ginevri, MD, and Emilio Ramos, MD

4:00 PM **Rational Design of Anti-BK Virus (BKV) Drugs Targeting Functional Domains on BKV Large T-Antigen (LTA). (Abstract #499)**
Parmjeet S. Randhawa, Gang Zeng, Marta Bueno, Carlos Camachos, Subramaniam Ananthan, Judith V. Hobarth. PA; Birmingham, AL.

- 4:12 PM** **Leflunomide Interferes with BK Virus by Disrupting the Viral Nuclear Replication Architecture in Renal Tubular Cells. (Abstract #500)**
Christine H. Rinaldo, Eva Bernhoff, Garth Tylden, Lars J. Kjerpeseth, Tore J. Gutteberg, Hans H. Hirsch. Tromso, Norway; Basel, Switzerland.
- 4:24 PM** **Initiation of a Screening Protocol for Polyoma Virus Results in a Decreased Rate of Opportunistic Non-BK Viral Disease after Renal Transplantation. (Abstract #501)**
David J. Conti, Issam Koleilat, Michael Gallichio. Albany, NY.
- 4:36 PM** **Monthly Serum PCR Polyoma Screening and Pre-Emptive Immunosuppression Reduction Safely Prevents BK Nephropathy. (Abstract #502)**
David J. Conti, Issam Koleilat, Michael H. Gallichio. Albany, NY.
- 4:48 PM** **Retransplantation after Treatment for BK Virus (TBKV) in Prior Transplant: Analysis of OPTN/UNOS Data. (Abstract #504)**
Vikas Dharmidharka, Wida Cherikh, Yulin Cheng, Kevin Abbott.
- 5:00 PM** **Prospective Study of Polyomavirus BK Viruria and Viremia in *De Novo* Renal Transplantation Comparing Cyclosporine and Tacrolimus: A Multivariate Analysis. (Abstract #505)**
H. H. Hirsch, F. Vincenti, S. Friman, A. Wiecek, M. D. Pescovitz, T. Jenssen, L. Rostaing, E. H. Scheuermann, F. Citterio, S. Chadban, K. Budde, H. Prestele.
- 4:12 PM** **Possibility of Adoptive Immunotherapy with Peripheral Blood-Derived CD3+CD56+ Cells for Inducing Anti-HCC and Anti-HCV Immune-Activity in Liver Transplantation Recipients. (Abstract #507)**
Marlen Daskali, Masahiro Ohira, Kohei Ishiyama, Yuka Tanaka, Toshimasa Asahara, Kazuaki Chayama, Hideki Ohdan. Japan.
- 4:24 PM** **IL-21 Antagonizing Fusion Protein Promotes Allograft Tolerance. (Abstract #508)**
Dong Zhang, Joshua Lee, Wensheng Zhang, Miaoda Shen, Yan Tian, W. P. Andrew Lee, XinXiao Zheng. Pittsburgh, PA.
- 4:36 PM** **TNF- α Pathway Plays a Critical Role in Regulating CXCL11 and IP-10 Production in an Initial Allogeneic Human Monocyte-Endothelial Cell Interaction. (Abstract #509)**
He Xu, Qiansheng Li, Yong Jiang, Xiaoping Wang, Allan D. Kirk. Jinan, Shandong, China; Atlanta.
- 4:48 PM** **Reversal of Established Cardiac Allograft Tolerance Following Bacterial Infection Is Mediated by IFN β and IL-6. (Abstract #510)**
Tongmin Wang, Luqiu Chen, Jing Xu, Emily B. Ahmed, Jing Tao, Chyung-Ru Wang, Maria-Luisa Alegre, Anita S. Chong. Chicago, IL.
- 5:00 PM** **Rejection of Single Class II MHC-Disparate Renal Allografts in CCR5 Deficient Mice. (Abstract #511)**
Daisuke Ishii, Shiro Baba, Robert L. Fairchild. Cleveland, OH; Sagamihara, Kanagawa, Japan.

Concurrent Session 71: Chemokines and Cytokines

4:00 PM – 5:30 PM

Room 310

Chairs: Robert Fairchild, PhD, and Gregg Hadley, PhD

- 4:00 PM** **Endothelial Derived MCMV Dominates Dissemination from Heart Transplants during Primary but Not Secondary Viremia. (Abstract #506)**
Joachim Andrassy, Torsten Sacher, Karl W. Jauch, Ulrich H. Koszinowski. Munich, Germany.

- 5:12 PM** **CXCL9 Influences the Generation of Donor-Reactive IFN- γ -Producing T Cells. (Abstract #512)**
Joshua M. Rosenblum, Robert Fairchild. Cleveland, OH.

Concurrent Session 72: Ischemia Reperfusion: Immune Mediators

4:00 PM – 5:30 PM

Room 312

Chairs: Hamid Rabb, MD, and Alexander Rosenkranz, MD

- 4:00 PM NK Cells Induce Apoptosis in Tubular Epithelial Cells and Contribute to Renal Ischemia Reperfusion Injury by NKG2D and Perforin-Dependent Mechanisms. (Abstract #513)**
Zhu-Xu Zhang, Shuang Wang, Xuyan Huang, Hongtao Sun, Weihua Liu, Bertha Garcia, Anthony M. Jevnikar. London, ON, Canada.
- 4:12 PM Donor Dendritic Cells: A Link between Innate and Adaptive Immunity. (Abstract #514)**
Mollie Jurewicz, Katsunori Tanaka, Takuya Ueno, Takaya Murayama, Andrea Augello, Paolo Fiorina, Reza Abdi. Boston, MA.
- 4:24 PM Therapeutic Targeting of Classical and Lectin Pathways of Complement (C) Protects the Kidney from Ischemia-Reperfusion (I/R) Injury Inhibiting the Activation of Dendritic Cells. (Abstract #515)**
G. Castellano, C. Curci, D. Racaniello, R. Melchiorre, A. Loverre, V. Montinaro, M. Rossini, M. Mannesse, S. van Wetering, P. Ditunno, M. R. Daha, M. Battaglia, A. Crovace, P. F. Selvaggi, P. F. Schena, G. Grandaliano. Bari, Italy; Leiden, Netherlands.
- 4:36 PM Foxp3⁺ Regulatory T Cells Play a Role in Repair from Kidney Ischemia-Reperfusion Injury (IRI). (Abstract #516)**
M. T. Gandolfo, H. R. Jang, S. Bagnasco, P. Agreda, S. Satpute, M. T. Crow, Landon S. King, Hamid Rabb. Baltimore, MD.
- 4:48 PM IL-13 Protects Mouse Intestine from Ischemia and Reperfusion Injury through Regulation of Innate and Adaptive Immunity. (Abstract #517)**
Bibo Ke, Xiu-Da Shen, Feng Gao, Mellisa Watson, Ronald W. Busuttill, Jerzy W. Kupiec-Weglinski, Douglas G. Farmer. Los Angeles, CA.

- 5:00 PM Neutralization of Extracellular HMGB-1 Significantly Protects Mice Against Renal Ischemia Reperfusion Injury. (Abstract #518)**
Gang Chen, Junhua Li, Quan Gong, Shan Zhong, Yongle Ruan, Song Chen, Ying Xiang, Feili Gong, Shi Chen. Wuhan, Hubei, China.

- 5:12 PM Nitric Oxide Homeostasis Prevents Ischemia Reperfusion Injury Related Endothelial Dysfunction after Murine Pancreas Transplantation. (Abstract #519)**
Manuel Maglione, Rupert Oberhuber, Paul Hengster, Martin Hermann, Walter Mark, Peter Obrist, Gabriele Werner-Felmayer, Ernst Werner, Raimund Margreiter, Gerald Brandacher. Innsbruck, Austria.

Concurrent Session 73: Kidney Immunosuppression: Steroid Minimization – Avoidance Protocols

4:00 PM – 5:30 PM

Room 302/304

Chairs: John Friedewald, MD, and Richard Knight, MD

- 4:00 PM Prospective Randomized Trial of Sirolimus (SRL) and Mycophenolate Mofetil (MMF) vs. Tacrolimus (TAC) + MMF Therapy Following Thymoglobulin (THY) Induction with Rapid Steroid Taper (RST) in Primary Kidney Transplantation (KTX). (Abstract #520)**
Thomas A. Gonwa, Raymond L. Heilman, Hani M. Wadei, Kunam S. Reddy, Martin L. Mai, Marek Mazur, Nasimul Ahsan, Kerri Younan, David C. Mulligan, Hani Grewal.
- 4:12 PM Optimisation of Mycophenolic Acid (MPA) Exposure for Early Steroid Withdrawal in Kidney Graft Recipients: The OPERA Trial. (Abstract #521)**
Y. Le Meur, G. Touchard, F. Glowacki, J. P. Perolle, V. Garrigue, N. Ouali, A. E. Heng, M. Delahousse, L. Albano, L. Couzi, P. Lang, P. F. Westeel, F. Allano, N. Tagieva, L. Rostaing.

- 4:24 PM** **Different Effects of Early or Late Steroid Withdrawal (SW) on the Development of New-Onset Diabetes Mellitus (NODM) after Kidney Transplantation (KT): A Metaanalysis. (Abstract #522)**
Julio Pascual, Javier Zamora, Cristina Galeano, Ana Royuela, Judith Martins. Madrid, Spain.
- 4:36 PM** **Maintenance Corticosteroid Therapy Is Associated with an Increased Incidence of Cardiovascular Events in Renal Transplant Recipients. (Abstract #523)**
Jennifer L. Hibbs, Jason Everly, R. R. Alloway, Gautham Mogilishetty, Amit Govil, Michael Cardi, Rino Munda, E. Steve Woodle, Adele H. Rike. Cincinnati, OH.
- 4:48 PM** **Steroid Withdrawal after Kidney Transplantation: A Meta-Analysis. (Abstract #524)**
Jennifer McGee, Tareq M. S. Islam, Jerome Crowley, Douglas P. Slakey. New Orleans, LA.
- 5:00 PM** **Impact of Steroid Withdrawal on the Immune Response of Renal Transplant Recipients. (Abstract #525)**
Rolf Weimer, Sabine Deisz, Hartmut Dietrich, Fabrice Renner, Caner Suesal, Shirin Kamali-Ernst, Wolfgang Ernst, Winfried Padberg, Gerhard Opelz. Giessen, Germany; Heidelberg, Germany; Wetzlar, Germany; Langenselbold, Germany.
- 5:12 PM** **Risk Factors for Initiating Steroids after Steroid Avoidance among Kidney Transplant Recipients in the US. (Abstract #526)**
Alfonso Santos, Jesse D. Schold, Shehzad Rehman, Joseph F. Magliocca, Herwig-Ulf Meier-Kriesche. Gainesville, FL.

Concurrent Session 74: Kidney Living Donor Outcomes I

4:00 PM – 5:30 PM

Ballroom C

Chairs: Diane Cibrik, MD, MS, and Randall Sung, MD

- 4:00 PM** **Very Long-Term Data on Living Kidney Donors: A Single Center Experience Since 1959. (Abstract #527)**
Catherine Fournier, Henri Kreis, Sylvie Pucheu, Eric Thervet, Frank Martinez, Marie-France Mamzer, Renaud Snanoudj, Lynda Bererhi, Arnaud Méjean, Christophe Legendre. Paris, France.
- 4:12 PM** **Does Obesity Increase Long-Term Risk of Renal Dysfunction and Cardiovascular Disease in Kidney Donors? (Abstract #528)**
M. Tavakol, F. Vincenti, H. Assadi, M. Frederick, S. Tomlanovich, J. Roberts, Andrew Posselt. San Francisco, CA.
- 4:24 PM** **The Consequences of Diabetic Live Kidney Donors – Analysis of 444 Cases for 23 Yrs in Japanese Single Center. (Abstract #529)**
Masahiko Okamoto, Tomoyuki Suzuki, Masato Fujiki, Shuji Nobori, Hidetaka Ushigome, Seisuke Sakamoto, Norio Yoshimura. Kyoto, Japan.
- 4:36 PM** **Estimated Number of Functioning Glomeruli in Older Living Kidney Donors. (Abstract #530)**
Jane C. Tan, Stephan Busque, Bryan D. Myers. Stanford, CA.
- 4:48 PM** **Effects of Living Kidney Donation on 24-Hour Ambulatory Blood Pressure and Cardiovascular Risk Profile: A 12 Month Prospective Study. (Abstract #531)**
G. V. Ramesh Prasad, Deborah Lipszyc, Jennie Huckle, Michael Huang, Michelle M. Nash, Sulagna Sarker, Lindita Rapi. Toronto, ON, Canada.

5:00 PM Utilization of Older Living Donors Provides Excellent Outcomes after Kidney Transplantation. (Abstract #532)
Vinod Balachandran, David Leeser, Meredith Aull, Marian Charlton, Jose Figueiro, David Serur, Joseph Del Pizzo, Sandip Kapur. NY.

5:12 PM Prior Living Kidney Donors Who Subsequently Needed Chronic Maintenance Dialysis. (Abstract #533)
Wida Cherikh, Pang-Yen Fan, Charlotte Carroll, Jude Maghirang, Henry Randall, Carlton Young. Richmond, VA; Worcester, MA; Dallas, TX; Birmingham, AL.

Concurrent Session 75: Kidney: Complications III

4:00 PM – 5:30 PM

Room 210

Chairs: Hans Albin Gritsch, MD, FACS, and Mark Walsh, MD

4:00 PM Is Dialysis-Associated Thrombophilia Corrected by Renal Transplantation? A Prospective Cohort Study on 310 Patients. (Abstract #534)
Lidia Ghisdal, Emine Broeders, Karl Martin Wissing, Tayeb Bensalem, Joseph Mbaba Mena, Anne Lemy, Walter Wijns, Olivier Pradier, Pierre Vereerstraeten, Daniel Abramowicz. Brussels, Belgium.

4:12 PM Thrombophilic Factors Are Not Predictive of Thrombo-Embolic Events, Acute Renal Allograft Rejection, or Graft Survival in Patients Transplanted after 2000. (Abstract #535)
Lidia Ghisdal, Emine Broeders, Karl Martin Wissing, Anissa Saidi, Joseph Mbaba Mena, Anne Lemy, Walter Wijns, Olivier Pradier, Anh-Dung Hoang, Dimitri Mikhalski, Vincent Donckier, Hakim El Housni, Pascale Cochaux, Pierre Vereerstraeten, Marc Abramowicz, Daniel Abramowicz. Brussels, Belgium.

4:24 PM Association of Donor to Recipient Serostatus Combination with Survival after Deceased Donor Kidney Transplants. (Abstract #536)
Wida Cherikh, Timothy Pruett. Richmond, VA; Charlottesville, VA.

4:36 PM Effect of Race on Death Censored Renal Allograft Survival in Different Donor/Recipient Pairs. (Abstract #537)
Anita Patel, Mariella Goggins, Lauren Malinzek, Vanji Karthikeyan, Kathleen Brady. Detroit, MI.

4:48 PM Lymphopenia Induced by Alemtuzumab Is Not Associated with an Increased Risk of Infection. (Abstract #538)
R. Charif, K. Chan, J. Galliford, A. Tanna, N. Kumar, A. McLean, D. Taube. Hammersmith Hospital, London, United Kingdom.

5:00 PM Reduced Renal Function Is Associated to Health-Related Quality of Life in Kidney Transplant Recipients. (Abstract #539)
Luca Neri, Daniel Brennan, Paolo Salvalaggio, Paula Buchanan, Jonathan Dukes, Mark Schnitzler. St. Louis, MO.

5:12 PM Impact of Renal Tubular Acidosis on Graft Function of Kidney Recipients. (Abstract #540)
Beom Seok Kim, Kyu Hun Choi, Ho Yung Lee, Myoung Soo Kim, Soon Il Kim, Yu Seun Kim. Seoul, Republic of Korea.

Concurrent Session 76: Liver: MELD/Allocation

4:00 PM – 5:30 PM

Ballroom A

Chairs: Julie Heimbach, MD, and Jeffrey Punch, MD

4:00 PM End Stage Liver Disease (ESLD) Patients with High MELD Scores Have Higher Waitlist Mortality Than Status-1 Patients. (Abstract #541)
Pratima Sharma, Douglas E. Schaubel, Gong Qi, Mary K. Guidinger, Robert M. Merion. Ann Arbor, MI.

4:12 PM **Local and Regional Variation in Donor Risk Index and MELD Scores Translate into Disparate Graft and Patient Survival Rates: Should the Allocation System Be Changed? (Abstract #542)**

Michael R. Marvin, Guy N. Brock, Kadiyala V. Ravindra, Mary Eng, Joseph F. Buell. Louisville, KY.

4:24 PM **Modified Liver Allocation Using D-MELD Risk Capping and Rule 14 Improves Post Liver Transplant Survival and Overall Mortality, a Markov Microsimulation Analysis. (Abstract #543)**

Jeffrey Halldorson, Robert Carithers, Ramasamy Bakthavatsalam, Andre Dick, Renuka Bhattacharya, Iris Liou, Jorge Reyes, James Perkins. Seattle, WA.

4:36 PM **Pre-Transplant Cystatin C Levels Predict Survival after Liver Transplantation. (Abstract #544)**

M. Tavakol, M. Peters, N. Terrault, S. Biggins, J. Roberts, Andrew Posselt. San Francisco, CA.

4:48 PM **'Re-Weighted' MELD and Serum Sodium as Predictors of Liver Transplant Waitlist Mortality. (Abstract #545)**

W. Ray Kim, Sumeet Asrani, Joanne T. Benson, Walter K. Kremers, Terry M. Therneau. Rochester, MN.

5:00 PM **The Newly Proposed UNOS Guideline Criteria for Simultaneous Liver Kidney Transplantation Are Invalid. (Abstract #546)**

Talia B. Baker, Shubhada Ahya, Edward Wang, Michael Abecassis. Chicago, IL.

5:12 PM **Predictive Factors of Transplant Free Survival in Patients with Fulminant and Subfulminant Hepatic Failure: Results from a Randomized Controlled Multicenter Trial. (Abstract #547)**

Faouzi Saliba, Christophe Camus, Francois Durand, Philippe Mathurin, Bertrand Delafosse, Magali Belnard, Alexia Letierce, Karl Barange, Philippe Ichai, Didier Samuel. Villejuif, France; Rennes, France; Clichy, France; Lille, France; Lyon, France; Le Kremlin-Bicetre, France; Toulouse, France.

Concurrent Session 77: Molecular and Humoral Phenotypes of Chronic Renal Allograft Injury

4:00 PM – 5:30 PM

Room 311

Chairs: Roslyn Mannon, MD, and Tibor Nadasdy, MD

4:00 PM **Endothelial Stress Accelerates Graft Loss in Kidneys with Transplant Glomerulopathy Despite Lack of C4D Staining. (Abstract #548)**

Banu Sis, Jeff Reeve, Gunilla Einecke, Sakarn Bunnag, Luis Hidalgo, Michael Mengel, Konrad Famulski, Philip Halloran. Edmonton, AB, Canada.

4:12 PM **Transcriptome Changes of Chronic Tubulointerstitial Damage in Early Kidney Transplantation. (Abstract #549)**

Matthew J. Vitalone, Phillip J. O'Connell, Moses D. Wavamunno, Caroline L.-S. Fung, Jeremy R. Chapman, Brian J. Nankivell. Westmead, Sydney, NSW, Australia.

4:24 PM **High Frequency of Donor Specific HLA-DQ Antibodies in Chronic Renal Graft Failure. (Abstract #550)**

Lan Zhu, Ella M. van den Berg-Loonen, Po-Chang Lee, Maarten H. L. Christiaans, Evy V. A. Billen, Paul I. Terasaki. Los Angeles, CA; Maastricht, Netherlands; Tainan, Taiwan; Maastricht, Netherlands.

4:36 PM Pre-Transplant Donor Specific Antibodies (DSA) Detected by Luminex Are Associated with Inferior Graft Outcomes; Impact Is Modified by Antibody Strength. (Abstract #551)

Moses D. Wavamunno, Philip J. O'Connell, Caroline L.-S. Fung, Narelle Watson, Frederika Abou-Daher, Matthew J. Vitalone, Jeremy R. Chapman, Brian J. Nankivell. Westmead, Sydney, NSW, Australia.

4:48 PM Urine Magnetic Resonance Spectroscopy (UMRS): Results from the Deterioration of Kidney Allograft Function (DeKAF) Study. (Abstract #552)

D. Rush, R. Somorjai, M. Cecka, F. Cosio, R. Gaston, S. Gourishankar, R. Grande, P. Halloran, L. Hunsicker, B. Kasiske, R. Mannon, A. Fieberg, R. Leduc, J. Connett, A. Matas.

5:00 PM MICA Antibodies in a Cohort of 1091 Uremic Patients and Controls: Triggering Factors and Determination of Auto- or Allo-Specificity. (Abstract #553)

Anne Lemy, Marc Andrien, Karl M. Wissing, Kadija Rihahi, Aurelie Vandersarren, Lidia Ghisdal, Nilufer Broeders, Pierre Vereerstraeten, Michel Toungouz, Daniel Abramowicz. Brussels, Belgium.

5:12 PM The Role of Positive Flow Cytometry Crossmatch in Late Kidney Graft Loss. (Abstract #554)

Solomon Harvey, Ralph Graff, Huiling Xiao, Mark Schnitzler, Ercole Patrick, Krista Lentine.

4:12 PM Sociodemographic Differences in Early Access to Liver Transplantation Services. (Abstract #556)

Cindy L. Bryce, Derek C. Angus, Robert M. Arnold, Chung-Chou Ho Chang, Max H. Farrell, Cosme Manzarbeitia, Ignazio R. Marino, Elliott Kozin, Mark S. Roberts. Pittsburgh, PA; Philadelphia, PA.

4:24 PM Long Term Outcomes of Hispanic Liver Transplant Recipients – The Hispanic Paradox. (Abstract #557)

J. Rocca, J. Caicedo, A. Daud, S. Gil, A. Skaro, D. Ladner, E. Wang, M. Abecassis.

4:36 PM Racial Disparities in Deceased Donor Kidney Transplantation Are Compounded by Longer Pretransplant Dialysis Duration in African American Patients. (Abstract #558)

Ho Yee Tiong, Charles Modlin, Joan M. Alster, Ismael R. Saad, Barbara Mastroianni, Kathy Savas, Stuart M. Flechner. Cleveland, OH.

4:48 PM Significant Barriers to Kidney Transplant Evaluation and Listing: A Single-Center Analysis of 3000+ Referrals. (Abstract #559)

Jesse D. Schold, Jon A. Gregg, David Tomlin, Pamela Patton, Herwig-Ulf Meier-Kriesche.

5:00 PM Long-Term Outcomes of Pediatric Kidney Transplantation in Hispanics. (Abstract #560)

J. Caicedo, S. Gil, A. Daud, A. Skaro, D. Ladner, E. Wang, R. Superina.

5:12 PM Racial Disparities in Access to Kidney Transplantation Differ by Appropriateness for Transplantation. (Abstract #561)

Colleen F. Hanrahan, Lauren M. Kucirka, Robert A. Montgomery, Dorry L. Segev. Baltimore, MD.

Concurrent Session 78: Non-Organ Specific: Disparities to Outcome and Access to Healthcare

4:00 PM – 5:30 PM

Room 206

Chairs: Gaetano Ciancio, MD, MBA, and Silas Norman, MD

4:00 PM Do Donor Conversion Rates Vary by Age or Ethnicity/Race? (Abstract #555)

J. D. Rosendale, J. P. Orłowski, C. E. Alexander, F. L. Chabalewski. Richmond, VA; Albany, NY; Baltimore, MD.

Concurrent Session 79: Optimizing Islet and Cell Transplantation

4:00 PM – 5:30 PM

Room 306

Chairs: Juan Contreras, MD, and Alan Farney, MD, PhD

- 4:00 PM Pancreata from Donation after Cardiac Death Donors Show Increased Oxidative Stress Which Presents Challenges for the Successful Isolation of Islets for Clinical Transplantation. (Abstract #562)**
Matthew S. Hanson, Jamie M. Sperger, Jolien X. Connor, Barbara Armann, Juan S. Danobeitia, Melissa J. Moss, Krista K. Greenwood, Luis A. Fernandez. Germany.
- 4:12 PM Combined Treatment with a Nuclear Factor (NF)- κ B Inhibitor, DHMEQ, and Tacrolimus Permits a Long-Term Allogeneic Islet Engraftment in Mice. (Abstract #563)**
Masaaki Watanabe, Kenichiro Yamashita, Hirofumi Kamachi, Daisuke Kuraya, Yasuyuki Koshizuka, Shigeru Nakakimura, Michitaka Ozaki, Kazuo Umezawa, Michiaki Matsushita, Satoru Todo. Sapporo, Hokkaido, Japan; Yokohama, Kanagawa, Japan.
- 4:24 PM Rapamycin Induces Autophagy in Islets and Impairs Islet Function. (Abstract #564)**
Masahiro Tanemura, Toshinori Ito, Tomohiko Machida, Takashi Deguchi, Syougo Kobayashi, Shigeru Marubashi, Yutaka Takeda, Hiroaki Nagano, Yoshiki Sawa, Masaki Mori, Yuichirou Doki. Suita, Osaka, Japan.
- 4:36 PM Endoscopic Gastric Submucosal Transplantation of Islets: Technique and Initial Results. (Abstract #565)**
G. J. Echeverri, K. McGrath, R. Bottino, H. Hara, D. J. van der Windt, B. Ekser, A. Casu, C. Long, E. M. Dons, M. Ezzelarab, M. Trucco, F. G. Lakkis, David Cooper. Pittsburgh, PA; Cali, Colombia.

4:48 PM Effectiveness of Exenatide as a Potent Anti-Rejection Therapy for Islet Cell Allo-Transplantation in the Non-Human Primate. (Abstract #566)
Amer Rajab, Jill L. Buss, Elizabeth Diakoff, Kwame Columbus, OH.

5:00 PM Construction of an *In Vivo* Utilizing Bio-Artificial Liver Based on Hepatic Cells and Decellularized Liver Matrix. (Abstract #567)
Ji Bao, Yujun Shi, Huaiqiang Sun, Hong Bu, Youping Li. Chengdu, Sichuan, China.

5:12 PM Prevention of Graft Failure Caused by IBMIR with a Novel NF- κ B Inhibitor, Dehydroxymethylepoxyquinomicin (DHMEQ) after Intraportal Islet Transplantation in Mice. (Abstract #568)
Daisuke Kuraya, Hirofumi Kamachi, Masaaki Watanabe, Yasuyuki Koshizuka, Shigeru Nakakimura, Michitaka Ozaki, Kazuo Umezawa, Kenichiro Yamashita, Michiaki Matsushita, Satoru Todo. Sapporo, Hokkaido, Japan; Yokohama, Kanagawa, Japan.

Concurrent Session 80: Pediatric Transplantation: Kidney

4:00 PM – 5:30 PM

Room 208

Chairs: Paul Brakeman, MD, PhD, and Robert Mathias, MD

- 4:00 PM Immunosuppressant Therapy Adherence and Graft Failure among Pediatric Renal Transplant Recipients. (Abstract #569)**
Marie Chisholm, Christina Spivey, Rick Rehfeld, Mona Zawaideh. Tucson, AZ.
- 4:12 PM Outcome of Kidney Transplants in Recipients of Young Donors – A NAPRTCS Analysis. (Abstract #570)**
Asha Moudgil, Karen Martz, Donald M. Stablein, Dechu Puliyananda. Washington, DC; Potomac, MD; Los Angeles, CA.

4:24 PM **Compartmental Localization and Clinical Relevance of MICA Antibodies after Renal Transplantation. (Abstract #571)**
LI LI, Amery Chen, Minnie Sarwal.

4:36 PM **Long-Term Evaluation of the Muscle-Bone Unit by pQCT in Pediatric Renal Transplant Recipients. (Abstract #572)**
Reinhard Feneberg, Carolin Kneppo, Eva M. Rueth, Eckhard Schoenau, Burkhard Toenshoff. Heidelberg, Germany; Erlangen, Germany; Cologne, Germany.

4:48 PM **Subclinical CMV and EBV Infection Are Associated with Decreased Long Term Renal Allograft Function in Pediatric Renal Transplant Recipients: Results of a Prospective Viral Surveillance Study. (Abstract #573)**
J. Smith, L. Corey, C. Davis, R. McDonald.

5:00 PM **Sequential Analysis of HLA Class I and Class II Antibodies Post-Transplant Predicts the Risk for Acute Rejection in Pediatric Renal Transplant Recipients. (Abstract #574)**
Heiko Billing, Caner Suesal, Ovens Ovens, Reinhard Feneberg, Britta Hoecker, Karel Vondrak, R. Grenda, S. Hansson, D. Milford, Mihai Lucan, Gerhard Opelz, Burkhard Toenshoff. Heidelberg, Germany.

5:12 PM **Survival on Dialysis Following Allograft Failure in the Pediatric Population: A NAPRTCS Study. (Abstract #575)**
A. Chen, D. Schaubel, K. Martz, K. David, J. Magee, P. Rao. Ann Arbor, MI; Rockville, MD.

Concurrent Session 81: Tolerance III: Chimerism (Rodent Models)/Regulatory Cells
4:00 PM – 5:30 PM

Room 309

Chairs: Thomas Fehr, MD, and Thomas Wekerle, MD

4:00 PM **Expression of Intact Donor MHC Molecules by Recipient APC for the Tolerization of Alloreactive T Cells. (Abstract #576)**
Christopher Borges, Megan Sykes, Josef Kurtz. Boston, MA.

4:12 PM **Rapid Deletion of Peripheral Directly and Indirectly Alloreactive CD4 T Cells Following BMT with Costimulatory Blockade. (Abstract #577)**
Samuel LoCascio, Megan Sykes, Sang-Mo Kang, Josef Kurtz. Boston, MA; San Francisco, CA.

4:24 PM **Induction of Molecular Chimerism through Genetic Modification of Autologous Hematopoietic Stem Cells Results in Tolerance to MHC Class II Disparate Allografts. (Abstract #578)**
Peter T. Jindra, Chaorui Tian, John Iacomini. Boston, MA.

4:36 PM **Mechanisms of PDL1 Mediated Regulation of Fetomaternal Tolerance. (Abstract #579)**
Francesca D'Addio, La-Tonya Adams, Indira Guleria. Boston.

4:48 PM **Tissue Stromal Cells Mediate IFN- γ -Evoked Immune Regulation in Periphery. (Abstract #580)**
Horng-Ren Yang, Xiaodong Gu, John J. Fung, Lina Lu, Shiguang Qian. Cleveland, OH.

5:00 PM **Role of T Cell TGF β Signaling in Allograft Acceptance and Chronic Rejection. (Abstract #581)**
Susan M. Faust, Guanyu Lu, Bernard L. Marini, Dennis K. Bishop. Ann Arbor, MI.

5:12 PM **Imaging Direct and Indirect
Alloreactive T Cell Modulation by
Treg in Islet Transplantation Using
In Vivo Multiphoton Microscopy.**
(Abstract #582)
Erik B. Finger, Todd V. Brennan, Sang-Mo
Kang, Qizhi Tang, San Francisco, CA.

Poster Session IV

5:30 PM – 6:30 PM

Poster Viewing: 8:00 AM – 6:30 PM

Presenters in Attendance:

5:30 PM– 6:30 PM

Exhibit Hall C, Second Floor

John B. Hynes Convention Center

*Poster Session IV Program can be found
on pages 170-187.*

ASTS Business Meeting

5:30 PM – 6:30 PM

Room 313

Industry – Supported Symposium

6:30 PM – 8:30 PM

**Chronic Allograft Nephropathy/Interstitial
Fibrosis and Tubular Atrophy: Insight into
Etiology and Management.**

Grand Ballroom, Sheraton Boston Hotel

AMERICAN TRANSPLANT CONGRESS

Day-at-a-Glance, Wednesday, June 3, 2009

7:00 AM – 8:15 AM Sunrise Symposia

Page 141 **Sunrise Symposium I: Sexual Dysfunction Post Transplant: Differences in Men and Women and Role of Transplant Drugs**
Room 312

Page 141 **Sunrise Symposium II: Cardiac Issues in Non-Cardiac Transplant Candidates and Recipients**
Ballroom A

Page 141 **Sunrise Symposium III: Options for Sensitized Recipients of Kidney Transplants**
Ballroom B

Page 141 **Sunrise Symposium IV: Alemtuzumab - Should it Only be Used for Kidneys**
Ballroom C

Page 141 **Sunrise Symposium V: Ischemia-Reperfusion Injury and Transplantation: Novel Protective Strategies?**
Room 302/304

7:00 AM – 8:15 AM Early Morning Workshops

Page 142

8:15 am Break

8:30 AM – 10:00 AM Plenary Session IV

Page 142 Auditorium

10:00 AM – 10:30 AM ESOT Session

Page 143 **Impact of the Acceptable Mismatch in Europe on the Transplantation Rate of Highly Sensitized Patients**
Auditorium

10:15 AM – 11:45 AM Concurrent Sessions

Page 143 **Concurrent Session 82: Antigen Presentation/Allorecognition**
Room 311

Page 143 **Concurrent Session 83: Cardiovascular Disease**
Ballroom C

Page 144 **Concurrent Session 84: Immunosuppression Minimization In Pediatrics Kidney Transplantation**
Room 208

Page 145 **Concurrent Session 85: Immunosuppression Preclinical Studies II**
Room 312

Page 145 **Concurrent Session 86: Kidney Induction II**
Auditorium

Page 146 **Concurrent Session 87: Kidney Living Donor Outcomes II**
Room 302/304

Page 147 **Concurrent Session 88: Kidney: Complications IV**
Ballroom B

Page 147 **Concurrent Session 89: Liver: Complications, Recurrent Disease, and Hepatitis IV**
Ballroom A

Page 148 **Concurrent Session 90: Virus, Local Immune Responses and Fibrosis**
Room 309

Page 149 **Concurrent Session 91: Xenotransplantation**
Room 310

10:15 AM – 11:45 AM Late-Breaking Oral Abstract Session

Page 150 Room 210

10:30 AM Break

12:15 PM – 1:15 PM What's Hot, What's New

Page 150 Auditorium

Wednesday, June 3, 2009

Sunrise Symposia

7:00 AM – 8:15 AM

Sunrise Symposium I: Sexual Dysfunction Post Transplant: Differences in Men and Women and Role of Transplant Drugs

Room 312

Chair: Margaret Bia, MD

7:00 AM The Frequency of Sexual Dysfunction Post Transplant
Margaret Bia, MD

7:05 AM Frequency and Causes of Sexual Dysfunction Depending on Gender and Age
Carole Goldberg, Psy.D

7:25 AM Frequency and Causes of Sexual Dysfunction in Men and Women after Transplant: How to Approach the Problem
Martha Pavlakis, MD

7:45 AM How Drugs We use in Transplant Patients Can Affect Sexual Function
Kathleen Lake, PharmD

8:10 AM Q & A

Sunrise Symposium II: Cardiac Issues in Non-Cardiac Transplant Candidates and Recipients

Ballroom A

Chairs: Marc Semigran, MD, and Maryl Johnson, MD

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

7:00 AM Cardiac Work-up For the Non-Cardiac Transplant Candidate
Howard Eisen, MD

7:15 AM Cardiac Follow-up After Abdominal Organ Transplantation: Preventive Therapies, Diagnostic Imaging
Leslie Miller, MD

7:30 AM Pulmonary Hypertension in the Non-Thoracic Transplant Patient
Michael Krowka, MD

7:45 AM The Two-edged Sword: Strategies to Reduce the Cardiovascular Risks Associated with Immunosuppression
JoAnn Lindenfeld, MD

8:00 AM Discussion

Sunrise Symposium III: Options for Sensitized Recipients of Kidney Transplants

Ballroom B

Chairs: Milagros Samaniego, MD, and Vineeta Kumar, MD

7:00 AM Desensitization of Wait-Listed Recipients
Denis Glotz, MD, PhD

7:25 AM Outcomes of Kidney Transplantation in Highly Sensitized Recipients
James Gloor, MD

7:50 AM Beyond Rituximab: Novel Treatment Strategies for Disrupting Alloantibody Responses
Stanley Jordan, MD

Sunrise Symposium IV: Alemtuzumab - Should it Only be Used for Kidneys?

Ballroom C

Chairs: Stuart Knechtle, MD, and Alan Wilkinson, FRCP

7:00 AM Immune Reconstitution Following Alemtuzumab
Stuart Knechtle, MD

7:15 AM Current Status of Alemtuzumab in Kidney Transplantation
Gaetano Ciancio, MD

7:30 AM Alemtuzumab in Kidney-Pancreas Transplantation
Dixon Kaufmann, MD, PhD

7:45 AM Alemtuzumab in Extrarenal Transplantation
Andreas Tzakis, MD

8:00 AM Discussion

Sunrise Symposium V: Ischemia-Reperfusion Injury and Transplantation: Novel Protective Strategies

Room 302/304

Chairs: Jerzy Kupiec-Weglinski, MD, PhD, and David Geller, MD

7:00 AM The Injury Hypothesis and IRI; Potential Therapeutic Targets?
Walter Land, MD

7:25 AM Alloimmunity and IRI; Targeting the Adaptive Immune Response
Steven Chauban, B.Med, PhD

7:50 AM From Bench to Bedside: Novel Strategies Ready for Clinical Trials
Hamid Rabb, MD

Wednesday
June 3

Early Morning Workshops

7:00 AM – 8:15 AM

27. Cancer Immunology - Lessons for the Field of Transplantation

Nikhil Munshi, MD

Hakan Mellstedt, MD, PhD

Room 103

28. Testing of Generic Drugs in Transplantation: Are They Equivalent?

Rita Alloway, PharmD, BCPS

Bryce Kiberd, MD

Room 305

29. Nutritional Issues in the Post Solid Organ Recipient: An Overlooked Issue

Mariana Markell, MD

Vincent Armenti, MD, PhD

Room 308

30. Persistent Epstein-Barr Viremia and PTLD in Pediatric Transplantation

Michael Green, MD, MPH

Dechu Puliyanda, MD

Room 301

31. Pre-Transplant Management of Cirrhotic Patients

John Lake, MD

Robert Brown, MD, MPH

Room 303

32. Can you Eliminate Calcineurin Inhibitors in Liver Transplantation?

W. Kenneth Washburn, MD

James Trotter, MD

Room 105

33. Immune Nutrition in Transplant Recipients

J. Wesley Alexander, MD

A. Osama Gaber, MD

Room 104

8:15 AM Break

Plenary Session IV

8:30 AM – 10:00 AM

Auditorium

Chairs: Joren Madsen, MD, DPhil, and Barbara Murphy, MD

8:30 AM New Insights into the Interaction between Regulatory B7-H3 Molecule and Costimulatory CD28-B7 Pathway in Determining the Outcome of the Alloimmune Responses In Vivo. (Abstract #583)

Takuya Ueno, Joyce Popoola, Melissa Yeung, Miyuki Azuma, Gordon J. Freeman, Mohamed H. Sayegh, Nader Najafian. Boston, MA; Tokyo, Japan; Boston, MA.

8:45 AM Racial and Ethnic Disparities in Transplant Rates Have Improved in the MELD Era. (Abstract #584)

Amit K. Mathur, Douglas E. Schaubel, Qi Gong, Mary K. Guidinger, Robert M. Merion. Ann Arbor, MI.

9:00 AM Protecting Renal Grafts in Kidney Transplantation by Triple-Gene Silencing Using siRNA. (Abstract #585)

Xiufen Zheng, Jifu Jiang, Xusheng Zhang, Hongtao Sun, Aminah Shunnar, Marianne E. Beduhn, Patrick Luke, Anthony M. Jevnikar, Wei-Ping Min. London, ON, Canada.

9:15 AM AST Grants

9:30 AM CMS Performance Criteria for Graft Failure Outcomes in Kidney Transplant Centers: Statistical Power and the Effect of Center Volume. (Abstract #586)

Eric D. Weinhandl, Jon J. Snyder, Ajay K. Israni, Bertram L. Kasiske. Minneapolis, MN.

9:45 AM Improving Education Increases Dialysis Patients' Pursuit of Transplant: Explore Transplant RCT Findings. (Abstract #587)

Amy D. Waterman, Shelley S. Hyland, Sara Stanley, Ann Barrett, Rachel Millinger. Saint Louis, MO.

ESOT Session

10:00 AM – 10:30 AM

Chairs: Barbara Murphy, MD, and John Roberts, MD
Co-sponsored by the European Society for Organ Transplantation (ESOT)
Auditorium

10:00 AM Impact of the Acceptable Mismatch in Europe on the Transplantation Rate of Highly Sensitized Patients
Frans Claas, PhD

10:30 AM Break

Concurrent Session 82: Antigen Presentation/Allorecognition

10:15 AM – 11:45 AM

Room 311
Chairs: Gilles Benichou, PhD, and Angus Thomson, PhD, DSc

10:15 AM CD45 Expression Regulates Innate Immunity in Response to Islet Allografts. (Abstract #588)
Monica Froicu, Galip Guz, Ying Wang, Geoffrey Camirand, Deng Sonyang, Fadi Lakkis, Waren Shlomchik, David Rothstein. New Haven, CT; Pittsburgh, PA.

10:27 AM Deficiency of Decay Accelerating Factor Facilitates Murine Heart Graft Rejection in the Absence of CD4 T Cells. (Abstract #589)
Staci A. Leisman, Peter S. Heeger. New York, NY.

10:39 AM Alloreactivity of Virus Specific Memory T-Cells. (Abstract #590)
Avital L. Amir, Lloyd J. D'Orsogna, Marleen M. van Loenen, Michel Kester, Dave L. Roelen, Ilias I. Doxiadis, Frederik Falkenburg, Mirjam Heemskerck, Frans H. Claas. Netherlands.

10:51 AM MHC- and NK Cell-Independent Innate Immune Response to Allogeneic Non-Self. (Abstract #591)
Daniel Zecher, David M. Rothstein, Warren D. Shlomchik, Fadi G. Lakkis. Pittsburgh, PA; New Haven, CT.

11:03 AM Heart Transplant Outcome and Anti-Donor T Cell Reactivity in DC-Deficient Recipients of DC-Deficient Organ Grafts. (Abstract #592)
Zhiliang Wang, Daisuke Tokita,

Antonino Castellana, Angus W. Thomson. Pittsburgh, PA.

11:15 AM Host-Derived Plasmacytoid Dendritic Cells Prolong Cardiac Allograft Survival and Regulate Alloreactive T Cell Responses Via B7 Homolog-1. (Abstract #593)
Benjamin M. Matta, Bridget L. Colvin, Tina L. Sumpter, Angus W. Thomson. Pittsburgh, PA.

11:27 AM Tissue Stromal Cells Induce Development of Suppressor Antigen Presenting Cells. (Abstract #594)
Ching-Chuan Hsieh, Xiaodong Gu, Horng-Ren Yang, Lianfu Wang, John J. Fung, Shiguang Qian, Lina Lu. Cleveland, OH.

Concurrent Session 83: Cardiovascular Disease

10:15 AM – 11:45 AM

Ballroom C
Chairs: Anil Chandraker, MD, FRCP, and G. V. Ramesh Prasad, MBBS

10:15 AM Predicting Coronary Heart Disease after Kidney Transplant. (Abstract #595)
Bertram L. Kasiske, Jon J. Snyder, Melissa A. Skeans, Yi Peng, Eric D. Weinhandl, Ross Maclean, Ajay K. Israni. Minneapolis, MN; Princeton, NJ.

10:27 AM Length of QTc Is Associated with Waitlist Mortality – A Screening Tool for Sudden Death among CKD Patients? (Abstract #596)
Denise R. Simao, Lana Kopilevich, Mehul Gandhi, Brian Galloway, Muralikrishna Golconda, Michael Daily, Christoph Troppmann, John McVicar, Richard Perez, Angelo de Mattos. Sacramento, CA.

10:39 AM Post-Renal Transplant Cardiovascular Disease Is Related to Serum Uric Acid Level. (Abstract #597)
Farah Bandukwala, Michael Huang, Michelle M. Nash, Jeffrey S. Zaltzman, G. V. Ramesh Prasad. Toronto, ON, Canada.

10:51 AM Reduction in Cardiovascular Death Rates after Kidney Transplantation in Australia and New Zealand. (Abstract #598)
Helen L. Pilmore, Steve Chadban, Hannah Dent, Stephen McDonald. Auckland, New Zealand; Adelaide, Australia.

10:27 AM Coordinated Peripheral Blood Transcriptional Changes with Steroid-Avoidance in Pediatric Kidney Transplantation. (Abstract #603)
Li Li, Amery Chen, Sue Heish, Rong Chen, Oscar Salvatierra, Minnie Sarwal.

11:03 AM Early Corticosteroid Withdrawal Reduces Cardiovascular Events in Renal Transplant Recipients: A Prospective Analysis. (Abstract #599)
Jennifer L. Hibbs, Jason Everly, R. R. Alloway, Gautham Mogilishetty, Amit Govil, Michael Cardi, Rino Munda, E. Steve Woodle, Adele H. Rike. Cincinnati, OH.

10:39 AM Improved Growth in Pediatric Kidney Recipients after Early Steroid Withdrawal: Daclizumab, Tacrolimus (TAC) and Mycophenolate Mofetil (MMF) Versus TAC, MMF and Steroids (TWIST Study). (Abstract #604)
R. S. Trompeter, R. Grenda, A. Watson. United Kingdom; Poland.

11:15 AM Presence of Carotid Plaque in Renal Transplant Recipients Is Associated with Future Cardiovascular Events and Mortality. (Abstract #600)
Masha Jones, Sylvia E. Rosas. Philadelphia, PA.

10:51 AM Prospective Randomized Trial on Late Steroid Withdrawal in Pediatric Renal Transplant Recipients under CsA and MMF: 2-Year Data. (Abstract #605)
B. Hoecker, L. T. Weber, R. Feneberg, J. Drube, U. John, H. Fehrenbach, M. Pohl, M. Zimmering, S. Fruend, G. Klaus, E. Wuehl, B. Toenshoff. Heidelberg; Munich; Hanover; Jena; Memmingen; Freiburg; Berlin; Muenster; Marburg, Germany.

11:27 AM Improvement of Renal Transplantation Outcome with Renin Angiotensin System Blockade: A Prospective Cohort Study. (Abstract #601)
German Perez-Suarez, Esteban Porrini, Marian Cobo, Domingo Marrero, Jose Manuel Gonzalez-Posada, Maria Dolores Checa, Roberto Gallego, Javier Garcia, Armando Torres, Domingo Hernandez. Tenerife, Spain.

11:03 AM Pediatric Living Donor Kidney Transplantation Using Alemtuzumab Pre-Conditioning and Tacrolimus Monotherapy. (Abstract #606)
Henkie P. Tan, Donaldson Joseph, Demetrius Ellis, Michael L. Moritz, Amit Basu, Claire Morgan, Vivek Sharma, Abhay N. Vats, Elif Erkan, Agnieszka Swiatecka-Urban, Angela Barber, Diane Connors, Corde McFeaters, Mary Grosso, Ron Shapiro. Pittsburgh, PA.

Concurrent Session 84: Immunosuppression Minimization In Pediatric Kidney Transplantation

10:15 AM – 11:45 AM

Room 208

Chairs: Mark Benfield, MD, and Minnie Sarwal, MD, PhD

10:15 AM The Subclinical Histological Evolution of Pediatric Recipient Kidneys Transplants in and the Impact of Complete Steroid Avoidance: 2 Year Results of the NIH-CCTPT Muticenter Trial. (Abstract #602)
Maarten Naesens, Neeraja Kambham, Oscar Salvatierra, Minnie Sarwal, Minnie Sarwal.

11:15 AM Long Term Follow-Up in Pediatric Renal Transplantation under Steroid-Free Immunosuppressive Regime. (Abstract #607)
Ronaldo Esmeraldo, Petrucia M. A. Pinheiro, Maria L. B. Oliveira, Silvana Daher, Fernando N. Paes, Camilo Soares, Regia P. Evangelista. Fortaleza, CE, Brazil.

11:27 AM Use of Induction Therapy Is Associated with Better Five-Year Graft Survival in Pediatric Renal Transplant Recipients. (Abstract #608)
Marcelo S. Sampaio, Yong W. Cho, Tariq Shah, Suphamai Bunnapradist. CA.

11:03 AM Durable Macrochimerism and Prolonged Acceptance of Composite Facial Allograft in Non-Human Primate Using Tacrolimus and Mycophenolate Mofetil Therapy. (Abstract #613)
Arthur J. Nam, Helen Hui-Chou, Matthew G. Stanwix, Cynthia B. Drachenberg, Debra Kukuruga, Steven T. Shipley, Eduardo D. Rodriguez, Stephen T. Bartlett, Rolf N. Barth. Baltimore, MD.

Concurrent Session 85: Immunosuppression Preclinical Studies II

10:15 AM – 11:45 AM

Room 312

Chairs: Leslie Kean, MD, PhD, and Richard Pierson, III, MD

10:15 AM Induction of Tregs by Monovalent Non-Agonist CD28 Antibodies in Baboon Kidney Allograft Transplantation. (Abstract #609)
Nicolas Poirier, Nahzli Dilek, Caroline Mary, Thomas Haudebourg, Karine Renaudin, Xavier Tillou, Stephanie Le Bas-Bernardet, Georges Karam, Jean-Paul Soulillou, Bernard Vanhove, Gilles Blancho. Nantes, France.

11:15 AM PPAR γ Is Important in Inducing Prolongation of Cardiac Allograft Survival by Purified Eicosapentaenoic Acid. (Abstract #614)
Daiki Iwami, Qi Zhang, Hiroyuki Shirato, Osamu Aramaki, Katsuya Nonomura, Nozomu Shirasugi, Masanori Niimi. Tokyo, Japan; Sapporo, Hokkaido, Japan.

10:27 AM A Novel Anti-LFA-1-Based Therapy Enhances Allogeneic Islet Survival and Function in Nonhuman Primates. (Abstract #610)
Idelberto Badell, Maria Russell, Alexandra Turner, Jose Avila, Jose Cano, Brandi Johnson, Elizabeth Strobert, Allan Kirk, Christian Larsen. Atlanta, GA.

11:27 AM Alveolar Macrophages Have a Crucial Role in Induction of Regulatory Cells by Intratracheal Delivery of Alloantigen in Mice. (Abstract #615)
Daiki Iwami, Qi Zhang, Hisashi Ueta, Hiroyuki Shirato, Osamu Aramaki, Katsuya Nonomura, Kenjiro Matsuno, Nozomu Shirasugi, Masanori Niimi. Tokyo, Japan; Sapporo, Hokkaido, Japan; Mibu, Tochigi, Japan; Tokyo, Japan.

10:39 AM Study Evaluating Efficacy of a Novel Rabbit Anti-Human Leukocyte Polyclonal Antibody in Combination with Rituximab in a Primate Model of Renal and Skin Allograft Transplantation. (Abstract #611)
Xiaoping Wang, He Xu, Pu Wang, Ping Yun, Zidong Liu, Allan D. Kirk. China; Atlanta.

Concurrent Session 86: Kidney Induction II

10:15 AM – 11:45 AM

Auditorium

Chairs: Joshua Augustine, MD, and Shamkant Mulgaonkar, MD, FASN

10:51 AM Immunomodulatory Functions of a Novel IgG Fc-Derived Peptides, “Tregitopes”, in Alloimmunity. (Abstract #612)
F. D’Addio, O. Boenisch, T. Watanabe, A. De Groot, M. H. Sayegh, N. Najafian. Boston; Providence.

10:15 AM Single-Dose Induction with Rabbit Anti-Thymocyte Globulin (rATG; 6 mg/kg over 24 Hours) Is Safer and Improves Immediate and Long-Term Renal Allograft Function. (Abstract #616)
R. Brian Stevens, Theodore H. Rigley, Kathleen J. Nielsen, Anna Skorupa, John Sandoz, Anna Kellogg, Lucile Wrenshall. Omaha, NE.

10:27 AM Alemtuzumab Induction and Steroid Withdrawal Associated with Low Rejection Rates in African American Renal Transplants Recipients with Delayed Graft Function. (Abstract #617)

Raghava B. Munivenkatappa, Cheryle Gurk-Turner, Mirza Baig, David K. Klassen, Matthew Cooper, Eugene J. Schweitzer, Sameh Fayek, Stephen T. Bartlett, Benjamin Philosophie, Rolf N. Barth. Baltimore, MD.

10:39 AM Analysis of Subcutaneous (SQ) Campath 1-H Induction Therapy in Highly-HLA Sensitized (HS) Patients Desensitized with IVIG + Rituximab: Three Year Outcomes. (Abstract #618)

Ashley A. Vo, Toyoda Mieko, Shili Ge, Kai Cao, Chih-Hung Lai, Nancy Reinsmoen, Alice Peng, Rafael Villicana, Stanley C. Jordan. Los Angeles, CA.

10:51 AM A Pharmacoeconomic Analysis of Alemtuzumab Versus Thymoglobulin Induction in Renal Transplant Recipients. (Abstract #619)

Christine Y. Tseng, Christie B. Truscott, Edward Zavala, Irene Feurer, David Shaffer. Nashville, TN.

11:03 AM 478 Living Donor Kidney Transplants Using Alemtuzumab Pre-Conditioning and Tacrolimus Monotherapy: 6 Year Experience. (Abstract #620)

Henkie P. Tan, Joseph Donaldson, Amit Basu, Claire Morgan, Vivek Sharma, Mark Unruh, Jerry McCauley, Christine Wu, Nirav Shah, Parmjeet Randhawa, Adriana Zeevi, Ron Shapiro. Pittsburgh, PA.

11:15 AM Prevalence and Predictive Factors of Infections Following Rituximab Therapy in Solid-Organ Transplant Patients. (Abstract #621)

Nassim Kamar, Olivier Milioto, Bénédicte Puissant-Lubrano, Abdellatif Ould Mohamed, Antoine Blancher, Lionel Rostaing. Toulouse, France.

11:27 AM Preferential Increase in Memory and Regulatory Subsets during CD4+ T-Cell Immune Reconstitution after Thymoglobulin Induction Therapy in Renal Transplant Patients Receiving Sirolimus vs Cyclosporine. (Abstract #622)

Emmanuel Morelon, Nicole Lefrançois, Caroline Besson, Julie Prévautel, Marie Nathalie Kollop-Sarda, Maria Brunet, Jean-Louis Touraine, Lionel Badet, Françoise Touraine-Moulin, Olivier Thauinat, Christophe Malcus. Lyon, France.

Concurrent Session 87: Kidney Living Donor Outcomes II

10:15 AM – 11:45 AM

Room 302/304

Chairs: Gabriel Danovitch, MD, and Thomas Gonwa, MD

10:15 AM Exclusion of Living Kidney Donors: Impact of Gender, Race and Relation to Recipient. (Abstract #623)

Ranjan Chanda, Larry Melton, Kim Rice, Arun Chandrakantan, Bernard Fischbach, Arthi Rajagopal, Yousri Barri. Dallas, TX.

10:27 AM Variability in Prevalent Post-Donation Comorbidity among Prior Living Kidney Donors: Importance of Race, Sex and Age. (Abstract #624)

Krista Lentine, Mark Schnitzler, Huiling Xiao, Paolo Salvalaggio, Connie Davis, Kevin Abbott, David Axelrod, Daniel Brennan.

10:39 AM The Relationship of GFR to Comorbidity in Prior Kidney Donors Is Distinct from Patterns in Endogenous Kidney Disease. (Abstract #625)

Krista Lentine, Mark Schnitzler, Huiling Xiao, Paolo Salvalaggio, Connie Davis, Kevin Abbott, David Axelrod, Daniel Brennan.

10:51 AM Age, Proteinuria, and Low Iothalamate GFR (iGFR) before Donation Predict Stage 3 CKD Post-Kidney Donation. (Abstract #626)

Yousri Barri, Thomas Parker, Yahya Daoud, Richard Glasscock. Dallas, TX; Los Angeles, CA.

11:03 AM Long Term Medical Outcomes among Aboriginal Living Kidney Donors in Manitoba, Canada. (Abstract #627)
Martin E. Karpinski, V. Suon, Leroy J. Storsley. Winnipeg, MB, Canada.

11:15 AM Reimbursing Live Organ Donors for Their Financial Costs: A Global Perspective on Legislation and Programs. (Abstract #628)
Manisha Sickand, Meaghan S. Cuerden, Scott W. Klarenbach, Neil Boudville, Akinlolu O. Ojo, Chirag R. Parikh, Amit X. Garg. London, ON, Canada; Edmonton, AB, Canada; Perth, Western Australia, Australia; Ann Arbor, MI; New Haven, CT.

11:27 AM A Prospective, Multi-Site Evaluation of Psychosocial Outcomes of Living Kidney Donors. (Abstract #629)
James R. Rodrigue, Didier Mandelbrot, Martha Pavlakis, Scott Johnson, Timothy Antonellis, James Whiting, John Vella, Alan Reed, Bruce Kaplan. Boston, MA; Portland, ME; Iowa City, IA; Tucson, AZ.

Concurrent Session 88: Kidney: Complications IV

10:15 AM – 11:45 AM

Ballroom B

Chairs: Sita Gourishankar, MD, MSc, and Waichi Wong, MD

10:15 AM Widespread Abnormalities in Tubular Protein Transport in Normal and Diseased Kidney Transplants (KTx). (Abstract #630)
Irfan K. Kundi, John C. Lieske, Timothy M. Borland, Timothy S. Larson, Hatem Amer, Kianoush B. Kashani, Fernando G. Cosio. Rochester, MN.

10:27 AM Renal Allograft Outcomes in Patients with Membranoproliferative Glomerulonephritis Type I and II. (Abstract #631)
Joseph R. Angelo, Cynthia Bell, Michael C. Braun. Houston, TX.

10:39 AM Recurrent Membranoproliferate Glomerulonephritis (MPGN) after Kidney Transplantation (KTx): Assessment with Protocol Biopsies. (Abstract #632)
Elizabeth C. Lorenz, Sanjeev Sethi, Nelson Leung, Angela Dispenzieri, Fernando C. Fervenza, Hatem Amer, Fernando G. Cosio. Rochester, MN.

10:51 AM Post Kidney Transplant Collapsing Glomerulopathy – An Enigma Revisited. (Abstract #633)
K. Jhaveri, T. Muthukumar, A. Webber, M. Suthanthiran, S. Seshan. NY.

11:03 AM Recurrence of Lupus Nephritis after Renal Transplantation Assessed by Surveillance Biopsies. (Abstract #634)
Gudrun Norby, Erik H. Strøm, Karsten Midtvedt, Hallvard Holdaas. Oslo, Norway.

11:15 AM Diverse Pathologic Findings in ABO Incompatible Renal Allografts with and without Graft Dysfunction. (Abstract #635)
Barry Stokes, Anand Padmanabhan, John Crew, David Cohen, Lloyd Ratner. New York, NY.

11:27 AM Kidney Allograft Function and Histology in Recipients Dying with a Functioning Graft (DWF). (Abstract #636)
Ziad El-Zoghby, Hatem Amer, Donna D. Lager, Patrick G. Dean, Mark D. Stegall, Fernando G. Cosio. Rochester, MN.

Concurrent Session 89: Liver: Complications, Recurrent Disease, and Hepatitis IV

10:15 AM – 11:45 AM

Ballroom A

Chairs: Michael Voight, MD, and Heidi Yeh, MD

10:15 AM Impact of Postoperatively Positive CDC-Cross Match and C4D Deposition in LDLT Recipients. (Abstract #637)
Hiroto Egawa, Aya Miyagawa-Hayashino, Shinji Uemoto. Kyoto, Japan.

10:27 AM Anti-High Mobility Group Box Chromosomal Protein 1 Antibodies Improve Survival of Rats with Fulminant Hepatic Failure. (Abstract #638)

Kiminori Takano, Masahiro Shinoda, Minoru Tanabe, Shigeshi Ono, Go Oshima, Shingo Yamada, Taku Miyasho, Hideaki Obara, Shigeyuki Kawachi, Yasushi Fuchimoto, Hiroya Takeuchi, Yasuhide Morikawa, Ikuro Maruyama, Akitoshi Ishizaka, Yuko Kitagawa.

10:39 AM Decreased Incidence of Biliary Complication by Duct to Duct Biliary Reconstrucion with Spatulated Duct Plasty. (Abstract #639)

Seigo Nishida, Taizen Urahashi, Akin Tekin, Eddie Island, Gennaro Selvaggi, Jang I. Moon, David M. Levi, Andreas G. Tzakis. Miami, FL.

10:51 AM Gene-Expression Profiles of Human Liver Biopsies Correlate with Post-Transplant Allograft Function and Are Determined by Donor Type. (Abstract #640)

C. Fondevila, J. Munoz, J. Lozano, M. A. Loera, S. Jimenez-Galanes, O. Sanchez, J. Fuster, P. Taura, A. Rimola, J. C. Garcia-Valdecasas. Barcelona, Spain.

11:03 AM Biliary Complications after Liver Transplantation from Donation after Cardiac Death (DCD) Donors: Single Center Analysis of 75 DCD Liver Transplants. (Abstract #641)

David Foley, Luis Fernandez, Glen Leverson, Joshua Mezrich, Hans Sollinger, Anthony D'Alessandro. Madison, WI.

11:15 AM Impact of Liver Fibrosis in Patients with Post-Liver Transplant Hepatitis C Recurrence. (Abstract #642)

Juan F. Gallegos-Orozco, Amir Yosephy, Brie Noble, Giovanni De Patris, Bashar A. Aqel, Thomas J. Byrne, Elizabeth J. Carey, David D. Douglas, Kunam S. Reddy, Jorge Rakela, Hugo E. Vargas. Phoenix, AZ.

11:27 AM Depression and Relapse to Alcohol Affect Survival in Patients Undergoing Liver Transplant for Alcoholic Liver Disease. (Abstract #643)

Patrick P. McHugh, Thomas D. Johnston, Hoonbae Jeon, Dinesh Ranjan, Roberto Gedaly. Lexington, KY.

Concurrent Session 90: Virus, Local Immune Responses and Fibrosis

10:15 AM – 11:45 AM

Room 309

Chairs: William Baldwin, III, MD, PhD, and Lee Ann Tibbles, MD, FRCPC

10:15 AM Effects of MHC Matching on Polyoma Virus Nephropathy (PVN). (Abstract #644)

Ying Dong, Eugene Lin, Jun Wang, Cynthia Breeden, Christian P. Larsen, Aron E. Lukacher, Kenneth A. Newell. Atlanta, GA.

10:27 AM Murine Cytomegalovirus Accelerates Allograft Fibrosis in a Murine Renal Transplantation Model. (Abstract #645)

Masako Shimamura, Ute Saunders, Judith Pugh, Lingling Guo, James F. George, William J. Britt. Birmingham, AL.

10:39 AM Graft Vascular Endothelial Inflammation and Host Cellular Repopulation Are Associated with CMV-Accelerated TVS. (Abstract #646)

Daniel N. Strebblow, Craig N. Kreklywich, Yin Kan Hwee, Takeshi Andoh, Jonathan Lindner, Susan L. Orloff. Portland, OR.

10:51 AM Local TGF β Neutralization in Cardiac Allografts by Decorin Gene Transfer Attenuates Chronic Rejection. (Abstract #647)

Susan M. Faust, Guanyi Lu, Dennis K. Bishop. Ann Arbor, MI.

11:03 AM Intragraft Ectopic Lymphoid Tissue during Chronic Rejection: Hijacking of an Embryonic Developmental Program Promotes the Development of a Local Aggressive Alloimmune Response. (Abstract #648)
Olivier Thauinat, Natacha Patey, Chantal Gautreau, Emmanuel Morelon, Stephanie Graff-Dubois, Antonino Nicoletti. Lyon, France; Paris, France.

11:15 AM The Role of LT β R Signaling in the Formation of Tertiary Lymphoid Organs within Cardiac Allografts. (Abstract #649)
R. Motallebzadeh, S. Rehakova, T. Win, E. Bolton, N. Ruddle, A. Bradley, G. Pettigrew. United Kingdom.

11:27 AM Donor Age Is Associated with an Augmented Graft Immunogenicity Leading to an Intensified Early NK and Memory T-Cell Response. (Abstract #650)
Christian Denecke, Xupeng Ge, Irene Kim, Daman Bedi, Anke Jurisch, Johann Pratschke, Stefan G. Tullius. Berlin, Germany; Boston, MA.

10:39 AM Comparison of GTKO and GTKO;hDAF Donor Organs in Heterotopic Cardiac Xenotransplantation. (Abstract #653)
Guerard W. Byrne, Davide Ricci, Naoto Miyagi, Michal Vlasin, Mozammel H. Gazi, Zeji Du, Henry D. Tazelaar, Randall C. Walker, Christopher G. A. McGregor. Rochester, MN.

10:51 AM Potential Impacts of Human DAF and Thrombomodulin on Thrombin Regulation. (Abstract #654)
Yuko Miwa, Koji Yamamoto, Akira Onishi, Masaki Iwamoto, Shoichi Maruyama, Akimasa Nakao, Kenji Kadomatsu, Takaaki Kobayashi. Nagoya, Japan; Tsukuba, Japan; Tsuchiura, Japan.

11:03 AM Evidence of Cytotoxicity of Antibodies Against N-glycolylneuraminic Acid Determinants in Xenotransplantation by Using CMAH $^{-/-}$ Mice. (Abstract #655)
Hiroyuki Tahara, Kentaro Ide, Nabin B. Basnet, Hiromu Takematsu, Yasunori Kozutsumi, Hideki Ohdan. Japan.

11:15 AM Long-Term Function of Transplanted Chimeric Liver with Autologous Hepatocyte and Xenobiotic Scaffold in Mouse and Rat Combination. (Abstract #656)
Toshiyuki Hata, Junji Iwasaki, Eiji Kobayashi, Shinji Uemoto. Kyoto, Japan; Shimotsuke, Tochigi, Japan.

11:27 AM Genetically-Engineered Pigs as a Potential Source of Red Blood Cells for Clinical Blood Transfusion. (Abstract #657)
Hidetaka Hara, Cassandra Long, Zac Pawlikowski, Naoko Koike, Mohamed Ezzelarab, Peter Yeh, David Ayares, Mark Yazer, David K. C. Cooper. Pittsburgh, PA; Blacksburg, VA.

Concurrent Session 91: Xenotransplantation

10:15 AM – 11:45 AM

Room 310

Chairs: Takaaki Kobayashi, MD, and Michael Rees, MD, PhD

10:15 AM Cardiac Function after Preclinical Orthotopic Cardiac Xenotransplantation. (Abstract #651)
Christopher G. A. McGregor, Guerard W. Byrne, Michal Vlasin, Randall C. Walker, Henry D. Tazelaar, William R. Davies, Krishnaswamy Chandrasekaran, Elise A. Oehler, Barry A. Boilson, Barry S. Wiseman, John S. Logan. Rochester, MN.

10:27 AM Genetically-Engineered Pig Liver Transplantation in Baboons: Initial Results. (Abstract #652)
Burcin Ekser, Cassandra Long, Mohamed Ezzelarab, Chih Che Lin, Gabriel Echeverri, Hidetaka Hara, David Ayares, Anthony Demetris, David K. C. Cooper, Bruno Gridelli. PA; Italy; Blacksburg, VA; Palermo, Italy.

Late-Breaking Oral Abstract Session

10:15 PM – 11:45 AM

Room 210

Chairs: James Markmann, MD, PhD, and Stephen Tomlanovich, MD, PhD

- 10:15 AM The JAK Inhibitor CP-690,550 Inhibits Effector T Cells but Does Not Affect the Function of Human CD4⁺CD25^{bright}FoxP3⁺ Regulatory T Cells. (Abstract #LB01)**
Varsha Sewgobind, Monique Quaedackers, Luc van der Laan, Rens Kraaijeveld, Gary Chan, Willem Weimar, Carla Baan. Rotterdam, Netherlands; New London, CT.
- 10:27 AM Immunosuppression with Belatacept-Based, CNI-Free, Steroid-Avoiding Regimens in Kidney Transplant Recipients: 6 Month, Interim Results. (Abstract #LB02)**
J. M. Grinyo, W. Marks, F. Vincenti, D. B. Kaufman, B. A. Marder, S. Woodle, F. Citterio, M. Agarwal, P. Garg, C.-S. Lin, R. Ferguson.
- 10:39 AM Adoptive Transfer of Ex Vivo Donor Alloantigen-Stimulated CD4⁺CD25⁺FoxP3⁺ Regulatory T Cells Ameliorates Rejection of Lung Transplantation between Fully Mismatched Miniature Swines. (Abstract #LB03)**
Tsuyoshi Shoji, Ying Li, Naoki Satoda, Hidenori Ohe, Hiroyuki Kanazawa, Toru Bando, Shinji Uemoto, Eiji Kobayashi, Hiromi Wada, Shimon Sakaguchi, Hiroshi Date, Takaaki Koshiba. Kyoto, Japan; Shimono, Tochigi, Japan.
- 10:51 AM Long Term Follow-Up of Recipients of Kidney Transplants from Centers for Disease Control Increased Risk Donors. (Abstract #LB04)**
Peter P. Reese, David A. Asch, Scott D. Halpern, Roy D. Bloom, Howard Nathan, Rick Hasz, Sharon West, Joseph Roth, William Reitsma, Louis Krefski, Fred Goerlitz, Gina DeLauro, Emily Blumberg, Francis Weng, Arthur Caplan, Arwin Thomasson, Harold I. Feldman. Philadelphia, PA; Springfield, NJ; Livingston, NJ.

- 11:03 AM Optimizing Bortezomib To Remove Donor Specific HLA Antibodies Prior to Allograft Dysfunction. (Abstract #LB05)**
M. J. Everly, H. L. Trivedi, P. I. Terasaki, A. Feroz, A. V. Vanikar, V. Shankar, V. B. Trivedi, H. Kaneku, A. K. Idica, P. R. Modi, S. I. Khemchandani, S. D. Dave. Los Angeles, CA; Ahmedabad, India; Karamsad, India; Canoga Park, CA.
- 11:15 AM Fibrogenic Potential of Human Multipotent Mesenchymal Stromal Cells in Injured Liver. (Abstract #LB06)**
Carmen Gonelle-Gispert, Reto Marc Baertschiger, Veronique Serre-Beinier, Philippe Morel, Domenico Bosco, Marion Peyrou, Sophie Clement, Antonino Sgroi, Andre Kaelin, Leo Buhler. 1211 Geneve 4, Switzerland; 1211 Geneva 4, Switzerland.
- 11:27 AM Antibody Mediated Microcirculation Damage Is the Major Cause of Late Kidney Transplant Loss. (Abstract #LB07)**
G. Einecke, B. Sis, J. Reeve, M. Mengel, L. G. Hidalgo, B. Kaplan, P. F. Halloran. Edmonton, Canada; Chicago.

What's Hot, What's New

12:15 PM – 1:15 PM

Auditorium

Chairs: Joren Madsen, MD, DPhil and Robert Merion, MD

- 12:15 PM Clinical Science**
Sandy Feng, MD, PhD
- 12:45 PM Basic Science**
John Iacomini, PhD