

SAN FRANCISCO



2014

World Transplant Congress

REGISTRATION BROCHURE

Moscone West
Convention Center
July 26–31, 2014

www.wtc2014.org



Pre-meeting Symposia
Saturday, July 26 –
Sunday, July 27, 2014

Congress
Sunday, July 27 –
Thursday, July 31, 2014

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

Basic Science for the Clinician: Transplant Immunology for the Clinician: Understanding the Game of Transplantation

Tracks:

The Players – Part 1

Moderators: Geetha Chalasani, MBBS, Assistant Professor of Medicine and Immunology, University of Pittsburgh Medical Center – Thomas E. Starzl Transplant Institute, Pittsburgh, PA, USA and Robert Fairchild, PhD, Professor of Molecular Medicine, Cleveland Clinic Foundation, Cleveland, OH, USA

8:00 AM – 8:15 AM

Overview:
The Object and Rules of the Game
Geetha Chalasani, MBBS
Assistant Professor of
Medicine and Immunology
University of Pittsburgh Medical
Center – Thomas E. Starzl
Transplant Institute
Pittsburgh, PA, USA

8:15 AM – 9:00 AM

Quarterbacks and Running Backs:
T-Cells from Development Through
Activation, Trafficking, Effector
Function and Death
Birgit Sawitzki, PhD
Professor
Charité - University Medicine Berlin,
Institute of Medical Immunology
Berlin, Germany

9:00 AM – 9:45 AM

Wide Receivers and Safeties:
B-Cells from Development Through
Activation, Trafficking, Effector
Function and Death
William Baldwin, MD, PhD
Cleveland Clinic Foundation
Cleveland, OH, USA

9:45 AM – 10:15 AM

Coffee Break

10:15 AM – 11:00 AM

Linemen: Cellular and Humoral
Innate Immune Elements,
Injury Recognition and Antigen
Presentation
Xian Li, MD, PhD
Houston Methodist Hospital
The Methodist Hospital Research
Institute
Houston, TX, USA

11:00 AM – 11:45 AM

The Scrimmage: Pulling It All
Together to Create a Coordinated
Immune Response
Robert Fairchild, PhD
Professor of Molecular Medicine
Cleveland Clinic Foundation
Cleveland, OH, USA

11:45 AM – 12:00 PM

Panel Q/A Discussion

12:00 PM – 1:00 PM

Lunch on Own

The Game – Part 2

Moderators: Robert Fairchild, PhD, Professor of Molecular Medicine, Cleveland Clinic Foundation, Cleveland, OH, USA and Anthony Warrens, DM, PhD, President, British Transplantation Society, London, United Kingdom

1:00 PM – 1:45 PM

The First Quarter: Perioperative
Biology, IRI and Associated Innate
Effector Functions, Preformed
Antibody, Anamnestic T and B Cell
Responses, Induction Therapy
Rutger J. Ploeg
University of Oxford
John Radcliffe and
Churchill Hospitals
Oxford, United Kingdom

1:45 PM – 2:30 PM

The Second Quarter:
Alloimmune Biology in the First
Year, Acute TCMR and ABMR with
Maintenance Therapy
Christophe Legendre, MD
Professor of Nephrology
Université Paris Descartes,
Hopital Necker
Paris, France

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2:30 PM – 3:15 PM	The Second Half: Tissue Repair, Remodeling, Chronic Immune Injury, With Chronic Strategies to Minimize Long-term Toxicity <i>Brian Nankivell, MD</i> <i>Renal Medicine</i> <i>Westmead Hospital</i> <i>Westmead, Australia</i>	8:30 AM – 8:55 AM	CytoTOF: The New Frontier in Cellular Immunophenotyping <i>Jordi Ochando, PhD</i> <i>Assistant Professor</i> <i>Mount Sinai School of Medicine</i> <i>New York, NY, USA</i>
3:15 PM – 3:45 PM	Coffee Break	8:55 AM – 9:00 AM	Q/A Discussion
3:45 PM – 4:30 PM	Staying In Bounds: Infectious Disease, Malignancy and Maintenance of Protective Immunity <i>Emily Blumberg, MD</i> <i>Professor of Medicine</i> <i>Perelman School of Medicine of the University of Pennsylvania</i> <i>Philadelphia, PA, USA</i>	9:00 AM – 9:20 AM	Onward to Molecular Diagnostics in Human Transplantation <i>Michael Mengel, MD</i> <i>Associate Professor</i> <i>University of Alberta</i> <i>Edmonton, AB, Canada</i>
4:30 PM – 4:45 PM	We'll Get 'em Next Year! The Future of Transplantation <i>Roslyn Mannon, MD</i> <i>Professor of Medicine and Surgery</i> <i>University of Alabama, Birmingham</i> <i>Birmingham, AL, USA</i>	9:20 AM – 9:25 AM	Q/A Discussion
4:45 PM – 5:00 PM	Panel Q/A Discussion	9:25 AM – 9:45 AM	Evaluating the Immune Response to Viral Infection in Transplant Recipients <i>Olivia Martinez, PhD</i> <i>Professor of Surgery</i> <i>Stanford University</i> <i>School of Medicine</i> <i>Stanford, CA USA</i>
		9:45 AM – 10:15 AM	Coffee Break

Basic/Translational Science Update

Tracks:

Technological Update

Moderators: *Michael Mengel, MD, Associate Professor, University of Alberta, Edmonton, AB, Canada and Daniel Kreisel, MD, PhD, Associate Professor of Surgery, Pathology & Immunology, Washington University in St. Louis, St. Louis, MO, USA*

8:00 AM – 8:25 AM	In Vivo Imaging of the Immune System: Seeing is Believing <i>Daniel Kreisel, MD, PhD</i> <i>Associate Professor of Surgery, Pathology & Immunology</i> <i>Washington University in St. Louis</i> <i>St. Louis, MO, USA</i>
8:25 AM – 8:30 AM	Q/A Discussion

Early Events in Inflammation & Immunity

Moderators: *Wilson Wong, MD, Kings College London, London, United Kingdom and Peter Vandenabeele, Professor, Inflammation Research Center, VIB-Ghent University, Zwijnaarde-Ghent, Belgium*

10:15 AM – 10:45 AM	Cell Death: New Ways to Pull the Necrosis Trigger <i>Peter Vandenabeele</i> <i>Professor</i> <i>Inflammation Research Center</i> <i>VIB-Ghent University</i> <i>Zwijnaarde-Ghent, Belgium</i>
10:45 AM – 10:50 AM	Q/A Discussion
10:50 AM – 11:20 AM	Triggers of Sterile Inflammation <i>Daniel Goldstein, MD</i> <i>Professor</i> <i>Yale University</i> <i>Woodbridge, CT, USA</i>
11:20 AM – 11:25 AM	Q/A Discussion

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Saturday, July 26, 2014 • 8:00 am – 5:00 pm

11:25 AM – 11:55 PM Antigen Presentation: Beyond Direct and Indirect
Robert Lechler, KBE, PhD
Professor
Kings College London
London, United Kingdom

11:55 AM – 12:00 PM Q/A Discussion

12:00 PM – 1:00 PM Lunch on own

Regulation of the Adaptive Immune Response

Moderators: Andrew Bushell, BSc, DPhil, Senior Post-Doctoral Fellow and Research Lecturer, University of Oxford, Oxford, United Kingdom and Michael Cancro, PhD, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, USA

1:00 PM – 1:30 PM The Microbiome and T-Cell Immunity
Jeremiah Faith, PhD
Assistant Professor
Mount Sinai School of Medicine
New York, NY, USA

1:30 PM – 1:35 PM Q/A Discussion

1:35 PM – 2:05 PM The Many Flavors of B Cells
Michael Cancro, PhD
Perelman School of Medicine,
University of Pennsylvania
Philadelphia, PA, USA

2:05 PM – 2:10 PM Q/A Discussion

2:10 PM – 2:40 PM Regulation of Immunity by Micro-RNAs
A. Mark Ansel, PhD
Associate Professor
University of California
San Francisco
San Francisco, CA, USA

2:40 PM – 2:45 PM Q/A Discussion

2:45 PM – 3:15 PM Coffee Break

Pushing the Limits

Moderators: Maria Cristina Cuturi, Instructor, INSERM, Nantes, France and James Yoo, MD, PhD, Professor, Wake Forest Institute for Regenerative Medicine, Winston-Salem, NC, USA

3:15 PM – 3:45 PM Organ Regeneration, 3D Tissue Printing and Beyond
James Yoo, MD, PhD

Professor
Wake Forest Institute for Regenerative Medicine
Winston-Salem, NC, USA

3:45 PM – 3:50 PM Q/A Discussion

3:50 PM – 4:20 PM Tracheal Transplant
Pierre De Laere
Professor of ENT,
Head and Neck Surgery
UZ Leuven
Leuven, Belgium

4:20 PM – 4:25 PM Q/A Discussion

4:25 PM – 4:55 PM An Update on Clinical Tolerance Trials
Sam Strober, MD
Professor of Medicine
Stanford University Medical Center
Stanford, CA, USA

4:55 PM – 5:00 PM Q/A Discussion

Clinical Transplant Update

Tracks:

Moderators: Gregory Knoll, MD, Professor, Medical Director, Kidney Transplantation, The Ottawa Hospital, Ottawa, ON, Canada and Donald Hricik, MD, Professor of Medicine, Case Western Reserve University, Cleveland, OH, USA

8:00 AM – 8:25 AM The Immune Response to the Allograft: What We Still Do Not Understand
Manikkam Suthanthiran, MD
Chief, Transplantation Medicine
Stanton Griffis Distinguished Professor
Professor
Weill Medical College of Cornell University
New York, NY, USA

8:25 AM – 8:30 AM Q/A Discussion

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

8:30 AM – 8:55 AM	Pre-transplant HLA Evaluation of the Solid Organ Transplant Recipient <i>Andrea Zachary, PhD</i> <i>Professor of Medicine</i> <i>Johns Hopkins University School of Medicine</i> <i>Baltimore, MD, USA</i>	11:30 AM – 11:55 AM	Diverting into the Pipeline – How Do We Best Develop Drugs From Other Disease States for Transplantation? (e.g. campath, rituxan, bortezomab, eculizumab, etc.) Need for Proper Transplant Trials <i>Allan Kirk, MD, PhD</i> <i>Professor of Surgery and Pediatrics</i> <i>Duke University</i> <i>Durham, NC, USA</i>
8:55 AM – 9:00 AM	Q/A Discussion		
9:00 AM – 9:25 AM	Optimization of Deceased Donor Organ Function: State of the Art 2014 <i>Rutger J. Ploeg</i> <i>University of Oxford</i> <i>John Radcliffe and Churchill Hospitals</i> <i>Oxford, United Kingdom</i>	11:55 AM – 12:00 PM	Q/A Discussion
		12:00 PM – 1:00 PM	Lunch on own
Breakout #1 – Kidney/Pancreas			
<i>Tracks:</i>			
9:25 AM – 9:30 AM	Q/A Discussion		
9:30 AM – 9:55 AM	Clinical Immunosuppression in 2014 <i>Allan Kirk, MD, PhD</i> <i>Professor of Surgery and Pediatrics</i> <i>Duke University</i> <i>Durham, NC, USA</i>	<i>Moderators: Randall Sung, MD, Associate Professor of Surgery, University of Michigan, Ann Arbor, MI, USA and Klemens Budde, MD, PhD, Charité University Medicine Berlin, Berlin, Germany</i>	
9:55 AM – 10:00 AM	Q/A Discussion	1:00 PM – 1:25 PM	HLA Sensitization: Desensitization or Donor Exchange? <i>Dorry Segev, MD, PhD</i> <i>Associate Professor of Surgery, Epidemiology, and Biostatistics</i> <i>Johns Hopkins University</i> <i>Baltimore, MD, USA</i>
10:00 AM – 10:30 AM	Coffee Break		
10:30 AM – 10:55 AM	Tolerance – Where Do We Stand in 2014? <i>John Scandling, MD</i> <i>Professor</i> <i>Stanford University Medical Center</i> <i>Palo Alto, CA, USA</i>	1:25 PM – 1:30 PM	Q/A Discussion
10:55 AM – 11:00 AM	Q/A Discussion	1:30 PM – 1:55 PM	Monitoring for De Novo Antibodies: Who? How? Why? <i>Andrea Zachary, PhD</i> <i>Professor of Medicine</i> <i>Johns Hopkins University</i> <i>School of Medicine</i> <i>Baltimore, MD, USA</i>
11:00 AM – 11:25 AM	Update on Vaccines for Transplant Candidates and Recipients (e.g. zostavax, HPV, CMV) <i>Deepali Kumar, MD</i> <i>Associate Professor of Medicine</i> <i>University Health Network</i> <i>Toronto, ON, Canada</i>	1:55 PM – 2:00 PM	Q/A Discussion
11:25 AM – 11:30 AM	Q/A Discussion	2:00 PM – 2:25 PM	Non-Invasive Biomarkers for Kidney and Pancreas Allograft Dysfunction <i>Minnie Sarwal, MD, PhD, MRCP Prof., Transplant Nephrology & Pediatrics, Director, Sarwal Lab - BIOMARC</i> <i>Inst., California Pacific Medical Research Institute</i> <i>Portola Valley, CA, USA</i>

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

2:25 PM – 2:30 PM	Q/A Discussion	4:15 PM – 4:20 PM	Con: Whole Organ Pancreas Superior
2:30 PM – 2:55 PM	BK Polyoma Nephropathy: New Insights into Pathogenesis, Prevention and Treatment <i>Hans Hirsch, MD, MSc</i> <i>Professor</i> <i>University of Basel,</i> <i>Department Biomedicine</i> <i>Basel, Switzerland</i>		<i>Robert Stratta, MD</i> <i>Professor of Surgery and</i> <i>Director of Transplantation</i> <i>Wake Forest Baptist Health</i> <i>Winston Salem, NC, USA</i>
2:55 PM – 3:00 PM	Q/A Discussion	4:20 PM – 4:30 PM	Panel Discussion
3:00 PM – 3:25 PM	Optimal Use of Marginal Kidney Donors <i>Randall Sung, MD</i> <i>Associate Professor of Surgery</i> <i>University of Michigan</i> <i>Ann Arbor, MI, USA</i>	4:30 PM – 4:55 PM	Expanded Criteria Living Donors: Can We Safely Use Patients With Risk Factors for Future Disease? (e.g. Donors With Hypertension, Obesity, Abnormal GTT, Hematuria, Stones, etc.) <i>Peter Reese, MD</i> <i>Assistant Professor of</i> <i>Medicine and Epidemiology</i> <i>University of Pennsylvania</i> <i>Philadelphia, PA, USA</i>
3:25 PM – 3:30 PM	Q/A Discussion		
3:30 PM – 4:00 PM	Coffee Break	4:55 PM – 5:00 PM	Q/A Discussion

Debate: Optimal Treatment for Diabetes

Moderator: Robert Stratta, MD, Professor of Surgery and Director of Transplantation, Wake Forest Baptist Health, Winston-Salem, NC, USA and James Shapiro, MD, PhD, FRC, University of Alberta Hospital, Edmonton, AB, Canada

4:00 PM – 4:05 PM	Pro: Islet Cell Transplantation Superior <i>Peter Stock, MD</i> <i>University of California</i> <i>San Francisco</i> <i>San Francisco, CA, USA</i>
4:05 PM – 4:10 PM	Con: Islet Cell Transplantation Superior <i>James Shapiro, MD, PhD, FRC</i> <i>University of Alberta Hospital</i> <i>Edmonton, AB, Canada</i>
4:10 PM – 4:15 PM	Pro: Whole Organ Pancreas Superior <i>Dixon Kauffman, MD, PhD</i> <i>Ray Owen Professor of Surgery</i> <i>University of Wisconsin</i> <i>Madison, WI, USA</i>

Breakout #2: – Lung

Tracks:

Moderators: Maryam Valapour, MD, Assistant Professor of Medicine, University of Minnesota, Minneapolis, MN, USA and James S. Allan, MD, Assistant Professor of Surgery, Massachusetts General Hospital, Boston, MA, USA

1:00 PM – 1:25 PM	Changing Epidemiology of Lung Transplant Candidates: The Effects of the LAS and Beyond <i>Cynthia Gries, MD MSc</i> <i>Assistant Professor of Medicine</i> <i>University of Pittsburgh</i> <i>Pittsburgh, PA, USA</i>
1:25 PM – 1:30 PM	Q/A Discussion
1:30 PM – 1:55 PM	Changing Epidemiology of Optimal Lung Donors <i>Marshall Hertz, MD</i> <i>Professor</i> <i>University of Minnesota</i> <i>Minneapolis, MN, USA</i>
1:55 PM – 2:00 PM	Q/A Discussion

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

2:00 PM – 2:25 PM Evolving Role of ECMO Supporting Lung Transplant Candidates
David Mason, MD
Staff Surgeon
Cleveland Clinic
Cleveland, OH, USA

2:25 PM – 2:30 PM Q/A Discussion

2:30 PM – 2:55 PM Lung Transplant Rejection and Surveillance in 2014 – Newer Options
Allan Glanville, MD, MBBS, FRACP
Director of Thoracic Medicine and Medical Director Lung Transplantation
St. Vincent's Hospital
Darlinghurst, NSW, Australia

2:55 PM – 3:00 PM Q/A Discussion

3:00 PM – 3:30 PM Coffee Break

Moderators: Martin Zamora, MD, Professor of Medicine, University of Colorado Health Sciences Center, Aurora, CO, USA and George Chaux, MD, Medical Director of Lung Transplant, Cedars-Sinai Medical Center, Los Angeles, CA, USA

3:30 PM – 3:55 PM Antibody Mediated Rejection in Lung Transplantation
Ramsey Hachem, MD
Associate Professor of Medicine
Washington University
St. Louis, MO, USA

3:55 PM – 4:00 PM Q/A Discussion

4:00 PM – 4:25 PM Bronchiolitis Obliterans: Emerging Mechanisms
Robin Vos, MD, PhD
Associate Professor Respiratory Medicine
KULeuven and UZLeuven, Dept. Respiratory Medicine, Lung Transplant Unit
Leuven, Belgium

4:25 PM – 4:30 PM Q/A Discussion

4:30 PM – 4:55 PM

Ex Vivo Lung Perfusion: The Next Frontier
Marcelo Cypel, MD, MSc
Assistant Professor of Surgery
University of Toronto
Toronto, ON, Canada

4:55 PM – 5:00 PM

Q/A Discussion

Breakout #3 – Heart

Tracks:

Moderators: Sharon Hunt, MD, Professor of Medicine, Stanford University, Stanford, CA, USA and Guy MacGowan, MD, FRCP, Honorary Clinical Senior Lecturer, Freeman Hospital, Newcastle, United Kingdom

1:00 PM – 1:25 PM

Changing Epidemiology of Heart Transplant Candidates
Lee Goldberg, MD, MPH
Associate Professor of Medicine
University of Pennsylvania
Philadelphia, PA, USA

1:25 PM – 1:30 PM

Q/A Discussion

1:30 PM – 1:55 PM

Changing Epidemiology of Optimal Heart Donors
Guy MacGowan, MD, FRCP
Honorary Clinical Senior Lecturer
Freeman Hospital
Newcastle, United Kingdom

1:55 PM – 2:00 PM

Q/A Discussion

2:00 PM – 2:25 PM

Evolving Role of Mechanical Circulatory Support in Heart Transplant Recipient Selection
Joseph Rogers, MD
Associate Professor of Medicine
Duke University
Durham, NC, USA

2:25 PM – 2:30 PM

Q/A Discussion

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

2:30 PM – 2:55 PM Cardiac Transplant Rejection
Surveillance in 2014 – Newer
Options
JoAnne Lindenfeld, MD
University of Colorado
Aurora, CO, USA

2:55 PM – 3:00 PM Q/A Discussion

3:00 PM – 3:30 PM Coffee Break

Moderators: Teresa DeMarco, MD, University of California San Francisco, San Francisco, CA, USA and Jignesh Patel, MD, PhD, Medical Director Heart Transplant, Associate Professor of Clinical Medicine, David Geffen School of Medicine at UCLA, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

3:30 PM – 3:55 PM Antibody Mediated Rejection in
Heart Transplantation
Abdullah G. Kfoury, MD
*Director, U.T.A.H. Cardiac Transplant
Program*
Intermountain Medical Center
Murray, UT, USA

3:55 PM – 4:00 PM Q/A Discussion

4:00 PM – 4:25 PM Approach to Coronary Allograft
Vasculopathy in 2014
Randall Starling, MD, MPH
*Section Chief of Heart Failure and
Cardiac Transplant Medicine*
Cleveland Clinic
Cleveland, OH, USA

4:25 PM – 4:30 PM Q/A Discussion

4:30 PM – 4:55 PM Desensitization Strategies in Heart
Transplant Recipients
Marisa Crespo-Leiro, MD, PhD
*Medical Director of the Advanced
Heart Failure Transplant Unit at the
Hospital*
Universitario A Coruña
La Coruña, Spain

4:55 PM – 5:00 PM Q/A Discussion

Breakout #4 – Liver

Tracks:

Who Should be Transplanted First?

Moderators: John Fung, MD, PhD, Professor of Surgery & Chairman of Digestive Disease Institute, Cleveland Clinic Foundation, Cleveland, OH, USA and Ben-Hur Ferraz-Neto, MD, PhD, Director and Professor of Surgery, Liver Institute, Hospital Beneficência Portuguesa de Sao Paulo, Sao Paulo, Brazil

1:00 PM – 1:20 PM Deconstructing Current Distribution
Systems: What is Fair?
John Lake, MD
Professor of Medicine
*University of Minnesota Medical
School*
Minneapolis, MN, USA

1:20 PM – 1:40 PM Pediatric Allocation – Are We Doing
the Right Thing?
Simon Horslen, MB, ChB
*Medical Director Liver & Intestine
Transplant*
Seattle Children's Hospital
Seattle, WA, USA

1:40 PM – 2:00 PM HCC and Transplantation –
Alternative Treatment and Allocation
Strategies
Julie Heimbach, MD
Associate Professor of Surgery
The Mayo Clinic
Rochester, MN, USA

2:00 PM – 2:20 PM Panel Q/A Discussion

2:20 PM – 2:50 PM Coffee Break

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

What is the Best Graft for the Best Patient?

Moderators: Gregory Everson, MD, CM, Professor of Medicine, University of Colorado Health Science Center, Aurora, CO, USA and James Trotter, MD, Medical Director of Liver, Baylor University Medical Center, Dallas, TX, USA

2:50 PM – 3:00 PM	Evolving Patterns of LD and DD Use: Views from the East, West and South West <i>Jean Emond, MD</i> <i>Director of Transplantation</i> <i>Columbia University Medical Center</i> <i>Surgery</i> <i>New York, NY, USA</i>
3:00 PM – 3:10 PM	South <i>Ben-Hur Ferraz-Neto, MD, PhD</i> <i>Director and Professor of Surgery</i> <i>Liver Institute, Hospital Beneficência</i> <i>Portuguesa de Sao Paulo</i> <i>Sao Paulo, Brazil</i>
3:10 PM – 3:20 PM	East <i>Subash Gupta, MS, AIIMS, FRCS</i> <i>ANG Centre for Liver and Biliary</i> <i>Sciences</i> <i>New Dehli, India</i>
3:30 PM – 3:35 PM	Panel Discussion
3:35 PM – 3:55 PM	DCD Transplantation – Is There a “Best Practice” Strategy? – <i>Burcin Taner, MD</i> <i>Associate Professor of Surgery</i> <i>Mayo Clinic Florida</i> <i>Jacksonville, FL, USA</i>
3:55 PM – 4:00 PM	Q/A Discussion

Post-transplant Strategies

Moderators: Gregory Everson, MD, CM, Professor of Medicine, University of Colorado Health Science Center, Aurora, CO, USA and James Trotter, MD, Medical Director of Liver, Baylor University Medical Center, Dallas, TX, USA

4:00 PM – 4:25 PM	Biologics and Other New Drugs: Will They Make a Difference in Liver Transplantation? <i>Stuart Knechtle, MD</i> <i>Professor of Surgery and Pediatrics</i> <i>Emory University School of</i> <i>Medicine</i> <i>Atlanta, GA, USA</i>
4:25 PM – 4:30 PM	Q/A Discussion
4:30 PM – 4:55 PM	Management of Post-transplant HCV With Interferon-Free Regimens <i>K. Rajender Reddy, MD</i> <i>Professor of Medicine, Director of</i> <i>Hepatology</i> <i>University of Pennsylvania</i> <i>Philadelphia, PA, USA</i>
4:55 PM – 5:00 PM	Q/A Discussion

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Saturday, July 26, 2014 • 8:00 am – 5:00 pm

Allied Health: Global Issues in Transplantation – Innovations in Practice

Tracks:

Moderators: Kathryn Kable, MNd, Westmead Hospital, Westmead, Australia and Linda Ohler, MSN, RN, CCTC, FAAN, Editor, Progress in Transplantation, Arlington, VA, USA

8:00 AM – 8:20 AM	Outreach/Satellite Clinics: Considerations in Development & Operation <i>Jennifer Milton, BSN, MBA Clinical Assistant Professor/ Administrative Director University of Texas Health Science Center at San Antonio San Antonio, TX, USA</i>
8:20 AM – 8:25 AM	Q/A Discussion
8:25 AM – 8:45 AM	Transplant TeleHealth <i>Carl Berg, MD Medical Director of Abdominal Transplantation Duke University Durham, NC, USA</i>
8:45 AM – 8:50 AM	Q/A Discussion
8:50 AM – 9:10 AM	Paired Kidney Donation <i>Dorry Segev, MD Associate Professor of Surgery, Epidemiology and Biostatistics Johns Hopkins Medical Institutions Baltimore, MD, USA</i>
9:10 AM – 9:15 AM	Q/A Discussion

9:15 AM – 9:35 AM	Staffing Considerations in Optimizing KPD Access <i>Suzanne McGuire, RN, BSN, CCTC High Risk and Living Donor Exchange Transplant Coordinator University of California Los Angeles Kidney and Pancreas Transplant Programs Los Angeles, CA, USA</i>
9:35 AM – 9:40 AM	Q/A Discussion
9:40 AM – 10:00 AM	Psychosocial Considerations in Kidney Paired Donation <i>Marry DeKlerk, PhD Erasmus Medical Center Dutch Transplant Foundation Rotterdam, The Netherlands</i>
10:00 AM – 10:05 AM	Q/A Discussion
10:05 AM – 10:30 AM	Coffee Break
<i>Moderators: Christin Rogers, PharmD, BCPS, Clinical Pharmacy Coordinator- Solid Organ Transplant, Beth Israel Deaconess Medical Center, Boston, MA, USA and Deanna DiLibero, PharmD, BCPS, Cedars Sinai Medical Center, Los Angeles, CA, USA</i>	
10:30 AM – 10:55 AM	Drug Shortages and Their Impact on Medication Safety and Adverse Events <i>Christopher Fortier, PharmD Chief Pharmacy Officer Massachusetts General Hospital Boston, MA, USA</i>
10:55 AM – 11:00 AM	Q/A Discussion
11:00 AM – 11:25 AM	Generic Immunosuppressants: The Role of Bioequivalency Testing <i>Teun Van Gelder, MD, PharmD Professor in Clinical Pharmacology Erasmus Medical Center Rotterdam, The Netherlands</i>
11:25 AM – 11:30 AM	Q/A Discussion
11:30 AM – 11:55 AM	Using HIV-Positive Donors in HIV- Positive Recipients <i>Elmi Muller, MD University of Cape Town, Groote Schurr Hospital Tyger Valley, Cape Town, South Africa</i>

Pre-meeting Symposia: Full Day



Saturday, July 26, 2014 • 8:00 am – 5:00 pm

11:55 AM – 12:00 PM Q/A Discussion

12:00 PM – 1:00 PM Lunch on own

Moderators: Dianne LaPointe-Rudow, ANP-BC, DNP, CCTC, Associate Professor, Recanti/Miller Transplantation Institute, Mt. Sinai Medical Center, New York, NY, USA and Marian O'Rourke, RN, CCTC, Associate Director, Miami Transplant Institute, Miami, FL, USA

1:00 PM – 1:25 PM Using Evidenced Based eHealth Education and Social Support for Living Donors and Families: Addressing the Racial and Gender Divide
Laura Taylor, PhD, RN Assistant Professor Dept. of Acute and Chronic Care Johns Hopkins University School of Nursing Baltimore, MD, USA

1:25 PM – 1:30 PM Q/A Discussion

1:30 PM – 1:55 PM Long-term Live Donor Follow-up: A Global Attempt to Achieving Quality Outcomes
Jeremy Chapman, MD, FRACP Division of Medicine and Cancer Westmead Hospital Westmead, Australia

1:55 PM – 2:00 PM Q/A Discussion

2:00 PM – 2:25 PM A Model of Excellence in Live Donor Follow-Up
Marty Manyalich-Vidal, MD, PhD TPM Hospital Clinic de Barcelona Barcelona, Spain

2:25 PM – 2:30 PM Q/A Discussion

2:30 PM – 2:55 PM Defining Excellence in Psychosocial Health After Live Donation
James Rodrigue, PhD Associate Professor Beth Israel Deaconess Medical Center Boston, MA, USA

2:55 PM – 3:00 PM Q/A Discussion

3:00 PM – 3:30 PM

Coffee Break

Moderators: Beverly Kosmach-Park, DNP, Clinical Nurse Specialist, Children's Hospital of Pittsburgh, Pittsburgh, PA, USA and Linda Ohler, MSN, RN, CCTC, FAAN, Editor, Progress in Transplantation, Arlington, VA, USA

3:30 PM – 3:45 PM

Assessing Transition Readiness
Emily Fredericks, PhD Associate Professor of Pediatrics University of Michigan Health System Ann Arbor, MI, USA

3:45 PM – 4:00 PM

Implementation and Outcomes of a Transitional Care Program
Stacey Lerret, RN, PhD, CPNP Assistant Professor Medical College of Wisconsin/ Childrens Hospital of Wisconsin Milwaukee, WI, USA

4:00 PM – 4:15 PM

From Research to Innovation: The "On Your Feet" Transition Program
AnnaLoes van Staa, RN, MA, MD Professor Erasmus University Rotterdam, The Netherlands

4:15 PM – 4:20 PM

Q/A Discussion

4:20 PM – 4:55 PM

Guidelines for Diagnosis and Treatment of Infection in Transplant Recipients
Camille Kotton, MD Associate Professor, Harvard Medical School Clinical Director, Transplant Infectious Disease Massachusetts General Hospital Boston, MA, USA

4:55 PM – 5:00 PM

Q/A Discussion

Pre-meeting Symposia: Half Day



Saturday, July 26, 2014 • 1:00 pm – 5:30 pm

Transplant 101: Essentials of Transplant Infectious Disease - a Case-Based Approach (Audience Response System)

Tracks:

Moderators: Jay Alan Fishman, MD, Professor of Medicine, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA and Paolo Grossi, MD, PhD, Professor of Infectious Diseases, Università degli Studi dell'Insubria, Varese, Italy

1:00 PM - 1:25 PM	Overview – Risk Factors, The Timeline of Infection After Transplantation, “Indirect Effects” – Case: Complexities of Transplant Management <i>Jay Alan Fishman, MD Professor of Medicine Massachusetts General Hospital/ Harvard Medical School Boston, MA, USA</i>
1:25 PM – 1:30 PM	Q/A Discussion
1:30 PM - 1:55 PM	Donor-Derived Infections and Donor Screening – Case: Donor-Derived Infection <i>Paolo Grossi, MD, PhD Professor of Infectious Diseases Università degli Studi dell'Insubria Varese, Italy</i>
1:55 PM – 2:00 PM	Q/A Discussion
2:00 PM - 2:25 PM	Antimicrobial Resistant Bacteria and Antimicrobial Stewardship – Case: Bacterial Resistance <i>Shirish Huprikar, MD Director, Transplant Infectious Diseases Program Icahn School of Medicine at Mount Sinai New York, NY, USA</i>
2:25 PM – 2:30 PM	Q/A Discussion

2:30 PM - 2:55 PM	Tuberculosis in Transplantation – Case: TB <i>Karen Doucette, MD Associate Professor of Medicine University of Alberta Edmonton, AB, Canada</i>
2:55 PM - 3:00 PM	Q/A Discussion
3:00 PM - 3:30 PM	Coffee Break
3:30 PM - 3:55 PM	Aspergillus, Moulds, and Antifungal Monitoring – Case: Fungal <i>Deborah Marriott, FRACP FRCPA Professor St. Vincent's Hospital Sydney, Australia</i>
3:55 PM – 4:00 PM	Q/A Discussion
4:00 PM - 4:25 PM	Cryptococcus and Immune Reconstitution – Case: IRIS <i>Shahid Husain, MD, MS Associate Professor of Medicine University Health Network Toronto, ON, Canada</i>
4:25 PM – 4:30 PM	Q/A Discussion
4:30 PM - 4:55 PM	Parasitic Infections (Chagas', Leishmania) in Transplantation – Case: Parasites <i>Clarisse M. Machado, MD Virology Laboratory Director Sao Paulo Institute of Tropical Medicine/University of Sao Paulo Sao Paulo, Brazil</i>
4:55 PM – 5:00 PM	Q/A Discussion
5:00 PM - 5:25 PM	Encephalitis and Meningitis – Case: Donor Derived Meningoencephalitis <i>Daniel Kaul, MD Associate Professor University of Michigan Ann Arbor, MI, USA</i>
5:25 PM - 5:30 PM	Q/A Discussion

Pre-meeting Symposia: Half Day



Saturday, July 26, 2014 • 1:00 pm – 5:30 pm

The Living Donor: Outcomes and Concerns

Tracks:

Moderators: Mary Amanda Dew, PhD, Professor of Psychiatry, Psychology, Epidemiology and Biostatistics, University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA and Anita Patel, MD, Medical Director, Kidney and Pancreas Transplantation, The Transplant Institute Henry Ford Hospital, Detroit, MI, USA

1:00 PM - 1:15 PM	Long-term Outcome for Kidney Donors – the Data <i>Hassan Ibrahim, MD, MS Professor of Medicine University of Minnesota Minneapolis, MN, USA</i>
1:15 PM – 1:20 PM	Q/A Discussion
1:20 PM - 1:35 PM	Estimating Long-term Risk in Donors <45 (And Informed Consent) <i>Robert W. Steiner, MD Professor Clinical Medicine UCSD Center for Transplantation University of California San Diego School of Medicine San Diego, CA, USA</i>
1:35 PM – 1:40 PM	Q/A Discussion
1:40 PM - 1:55 PM	Long-term Outcome for Liver Donors <i>Kyung-Suk Suh, MD Professor and Chairman, Director of HBP Surgery & Liver Transplantation Seoul National University College of Medicine Seoul, Republic of Korea</i>
1:55 PM – 2:00 PM	Q/A Discussion

2:00 PM - 2:15 PM	Long-term Psychosocial Risk: Kidney and Liver Donors <i>Mary Amanda Dew, PhD Professor of Psychiatry, Psychology, Epidemiology and Biostatistics University of Pittsburgh School of Medicine Pittsburgh, PA, USA</i>
2:15 PM - 2:20 PM	Q/A Discussion
2:20 PM - 2:35 PM	Maximizing Living Liver Donation <i>Gary Levy, MD Professor of Medicine Toronto General Hospital Toronto, ON, Canada</i>
2:35 PM – 2:40 PM	Q/A Discussion
2:40 PM - 2:55 PM	Worst Case Scenario: A Disaster Plan in Case of Donor Death <i>Elizabeth Pomfret, MD, PhD, FACS Professor of Surgery, Tufts University, Chair, Dept of Transplantation & HPB Lahey Clinic Medical Center Burlington, MA, USA</i>
2:55 PM – 3:00 PM	Q/A Discussion
3:00 PM - 3:30 PM	Coffee Break

Donor Evaluation and Follow-Up

Moderators: Jonas Wadstrom, MD, PhD, Professor, Karolinska University Hospital, Stockholm, Sweden and Anil Chandrakar, MD, FRCP, Medical Director of Kidney Transplantation, Brigham and Women's Hospital, Boston, MA, USA

3:30 PM - 3:45 PM	Difficult Donor Decisions: Kidney (Medical) <i>Robert Gaston, MD Endowed Professor of Transplant Nephrology University of Alabama at Birmingham Birmingham, AL, USA</i>
3:45 PM – 3:50 PM	Q/A Discussion

Pre-meeting Symposia: Half Day



Saturday, July 26, 2014 • 1:00 pm – 5:30 pm

3:50 PM - 4:05 PM	Difficult Donor Decisions: Liver (Medical) <i>Daniela Ladner, MD, MPH</i> Assistant Professor of Surgery Northwestern University Feinberg School of Medicine Chicago, IL, USA	4:45 PM – 4:50 PM	Q/A Discussion
		4:50 PM - 5:05 PM	Long-term Follow-up: Medical <i>Jonas Wadstrom, MD, PhD</i> Professor Karolinska University Hospital Stockholm, Sweden
4:05 PM - 4:10 PM	Q/A Discussion	5:05 PM – 5:10 PM	Q/A Discussion
4:10 PM - 4:25 PM	Difficult Donor Decisions: Psychosocial) Kidney, Liver and KPD <i>Rebecca Hays, MSW</i> Living Donor Social Worker and Independent Living Donor Advocate University of Wisconsin Hospital and Clinics Madison, WI, USA	5:10 PM - 5:25 PM	Long-term Follow-up: Psychosocial <i>Hassan Ibrahim, MD, MS</i> Professor of Medicine University of Minnesota Minneapolis, MN, USA
		5:25 PM – 5:30 PM	Q/A Discussion
4:25 PM – 4:30 PM	Q/A Discussion		
4:30 PM - 4:45 PM	Role of Paired Kidney Donation (PKD) in LDT <i>Dorry Segev, MD, PhD</i> Associate Professor of Surgery, Epidemiology, and Biostatistics Johns Hopkins University Baltimore, MD		

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

Transplant 101: Essentials of Transplant Infectious Disease - a Case-Based Approach (Audience Response System)

Tracks:

Moderators: Camille Kotton, MD, Clinical Director Transplant Infectious Disease, Associate Director Harvard Medical School, Massachusetts General Hospital, Boston, MA, USA and Emily Blumberg, MD, Professor of Medicine, Perelman School of Medicine of the University of Pennsylvania, Philadelphia, PA, USA

8:00 AM – 8:20 AM	Cytomegalovirus: Monitoring, Prophylaxis and Therapy – Case: CMV <i>Camille Kotton, MD Associate Professor, Harvard Medical School Clinical Director, Transplant Infectious Disease Massachusetts General Hospital Boston, MA, USA</i>
8:20 AM – 8:25 AM	Q/A Discussion
8:25 AM – 8:45 AM	Post-Transplant Hepatitis C in Transplantation – Case: Hepatitis C in Extra Hepatic Transplants <i>Norah Terrault, MD, MPH University of California San Francisco San Francisco, CA, USA</i>
8:45 AM – 8:50 AM	Q/A Discussion
8:50 AM – 9:10 AM	C. Difficile Colitis in Transplantation – Case: C. Difficile Infection <i>Erik Dubberke, MD Associate Professor Washington University School of Medicine St. Louis, MO, USA</i>

9:10 AM – 9:15 AM	Q/A Discussion
9:15 AM – 9:35 AM	Respiratory Viral Infections in Lung Transplantation – Case: RVI <i>Michael Ison, MD, MS Northwestern University Chicago, IL, USA</i>
9:35 AM – 9:40 AM	Q/A Discussion
9:40 AM – 10:00 AM	Use of HIV Positive Donors – Can South African Experience Be Extended to Other Locales? <i>Emily Blumberg, MD Professor of Medical School Massachusetts General Hospital Boston, MA, USA</i>
10:00 AM – 10:05 AM	Q/A Discussion
10:05 AM – 10:35 AM	Coffee Break
10:35 AM – 10:55 AM	When to Say “No” to Transplantation <i>Atul Humar, MD Professor, Department of Medicine University of Toronto Toronto, ON, Canada</i>
10:55 AM – 11:00 AM	Q/A Discussion
11:00 AM – 11:20 AM	Cost-Effective and Optimal Use of Your Clinical Laboratory <i>Gregory Storch, MD Ruth L. Siteman Professor of Medicine Washington University School of Medicine St. Louis, MO, USA</i>
11:20 AM – 11:35 AM	Q/A Discussion
11:25 AM – 11:45 AM	Live Viral Vaccines in the Transplant Recipient – Time to Reconsider? <i>Klara Posfay-Barbe Head of Pediatric Infectious Diseases Unit University Hospitals of Geneva Geneva, Switzerland</i>
11:45 AM – 11:50 AM	Q/A Discussion
12:00 PM – 1:00 PM	Lunch on own

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

Interpreting Genetic/Genomic Data: Bioinformatics 101

Tracks:

Moderators: Barbara Murphy, MD, Professor of Medicine, Mt. Sinai School of Medicine, New York, NY, USA and Roslyn Mannon, MD, Professor of Medicine and Surgery, University of Alabama-Birmingham, Birmingham, AL, USA

8:00 AM – 8:30 AM	Bioinformatics Programming with Open-Source Tools <i>Joel Dudley, PhD</i> <i>Director of Biomedical Informatics</i> <i>Mount Sinai School of Medicine</i> <i>New York, NY, USA</i>
8:30 AM – 8:35 AM	Q/A Discussion
8:35 AM – 9:05 AM	Bioinformatics and Clinical Genomics <i>Michael Holmes, PhD</i> <i>Assistant Professor</i> <i>Perelman School of Medicine</i> <i>University of Pennsylvania</i> <i>Philadelphia, PA, USA</i>
9:05 AM – 9:10 AM	Q/A Discussion
9:10 AM – 9:40 AM	Clinical Data Mining <i>Li Li</i> <i>Senior Bioinformatics Scientist</i> <i>Icahn School of Medicine at Mt. Sinai</i> <i>New York, NY, USA</i>
9:40 AM – 9:45 AM	Q/A Discussion
9:45 AM – 10:15 AM	Integrative Genomics <i>Brendan J. Keating, D. Phil</i> <i>Assitant Professor of Pediatric and Surgery</i> <i>University of Pennsylvania and</i> <i>Children's Hospital of Pennsylvania</i> <i>Philadelphia, PA, USA</i>
10:15 AM – 10:20 AM	Q/A Discussion
10:20 AM – 10:50 AM	Coffee Break

10:50 AM – 11:20 AM	Computational Drug Discovery and Repurposing <i>Michael Keiser, PhD</i> <i>Assistant Professor</i> <i>University of California San Francisco</i> <i>San Francisco, CA, USA</i>
11:20 AM – 11:25 AM	Q/A Discussion
11:25 AM – 11:55 AM	A Bioinformatics Tour of the ENCODE Project <i>Michael Snyder, MD, FACS</i> <i>Professor in Genetics</i> <i>Stanford University</i> <i>Stanford, CA, USA</i>
11:55 AM – 12:00 PM	Q/A Discussion
12:00 PM – 1:00 PM	Lunch on own

Update From the Banff 2013 Conference

Tracks:

Moderators: Paul Martin, MD, University of Miami, Miami, FL, USA and W. Dean Wallace, MD, Associate Professor of Pathology, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

8:00 AM – 8:45 AM	Kidney and Pancreas <i>Mark Haas, MD, PhD</i> <i>Department of Pathology</i> <i>Cedars Sinai Medical Center,</i> <i>West Hollywood, CA, USA</i>
8:45 AM – 8:50 AM	Q/A Discussion
8:50 AM – 9:35 AM	Heart and Lung <i>E. Rene Rodriguez, MD</i> <i>Professor of Pathology</i> <i>The Cleveland Clinic</i> <i>Cleveland, OH, USA</i>
9:35 AM – 9:40 AM	Q/A Discussion

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

9:40 AM – 10:25 AM Liver
Anthony J. Demetris, MD
Professor of Pathology
University of Pittsburgh Medical
Center - Montefiore
Pittsburgh, PA, USA

10:25 AM – 10:30 AM Q/A Discussion

10:30 AM – 11:00 AM Coffee Break

11:00 AM – 11:45 AM Composite Tissue Allograft and
Pancreas Pathology
Cynthia Drachenberg, MD
Department of Pathology
University of Maryland School of
Medicine
Baltimore, MD, USA

11:45 AM – 11:50 AM Q/A Discussion

12:00 PM – 1:00 PM Lunch on own

8:55 AM – 9:00 AM Q/A Discussion
9:00 AM – 9:25 AM Innate System Differences Between
Mouse and Human
Steven Sacks, MD, PhD
King's College London
Guys Hospital
London, United Kingdom

9:25 AM – 9:30 AM Q/A Discussion
9:30 AM – 9:55 AM Are Outbred Mice a Better Model for
Transplant Rejection
Dawn Reichenbach, MD
Postdoctoral Fellow
University of Minnesota
Minneapolis, MN, USA

9:55 AM – 10:00 AM Q/A Discussion

10:00 AM – 10:30 AM Coffee Break

10:30 AM – 10:55 AM Building the Optimum Humanized
Mouse
Megan Sykes, MD
Michael J. Friedlander Professor
of Medicine and Professor of
Microbiology & Immunology
Columbia University Medical Center
New York, NY, USA

10:55 AM – 11:00 AM Q/A Discussion

11:00 AM – 11:25 AM Transplant Arteriosclerosis in
Humanized Mice
Jordan Pober, MD, PhD
Bayer Professor of Translational
Medicine
Yale University School of Medicine
New Haven, CT, USA

11:25 AM – 11:30 PM Q/A Discussion

11:30 AM – 11:55 AM What is the Best Model to Study
CMV in Transplantation?
Michael Abecassis, MD
J. Roscoe Miller Distinguished
Professor
Northwestern University Feinberg
School of Medicine
Chicago, IL, USA

11:55 AM – 12:00 PM Q/A Discussion

12:00 PM – 1:00 PM Lunch on own

Human Immunology: Are Mice Like Men?

Tracks:

Moderators: Jonathan Maltzman, MD, PhD, Assistant Professor,
University of Pennsylvania, Renal-Electrolyte & Hypertension Division,
Philadelphia, PA, USA and Fadi Issa, Academic Clinical Lecturer in
Plastic Surgery, University of Oxford, Oxford, United Kingdom

8:00 AM – 8:25 AM Fundamental Differences Between
Mouse and Human Responses to
Inflammation
Ron Tompkins, MD, SCD
Division Chief, Division of Burns
Massachusetts General Hospital
Boston, MA, USA

8:25 AM – 8:30 AM Q/A Discussion

8:30 AM – 8:55 AM How Gut DC Respond to Microbiota
in Mouse vs Man to Alter T cell
Responses.
Elizabeth Mann
Johns Hopkins University
School of Medicine
Baltimore, MD, USA

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

Update in Pediatric Solid Organ Transplantation: Focus on Living Donation

In collaboration with the International Pediatric Transplant Association (IPTA)

Tracks:

Pediatric Living Donor Transplantation

Moderators: Richard Trompeter, MD, Great Ormond Street Hospital for Children, London, United Kingdom and Simon Horslen, MB, ChB, Medical Director Liver & Intestine Transplant, Seattle Childrens Hospital, Seattle, WA, USA

8:00 AM – 8:25 AM	Immunological Aspects of Operational Tolerance After Pediatric Living Donor Liver Transplantation <i>Carlos Esquivel, MD, PhD Silverman Professor of Pediatric Transplantation and Professor of Surgery Stanford University School of Medicine Palo Alto, CA, USA</i>
8:25 AM – 8:30 AM	Q/A Discussion
8:30 AM – 8:55 AM	Psychosocial Evaluation of Living Donors <i>Alastair Santhouse, FRCPsych, MRCP Consultant in Psychological Medicine South London and Maudsley NHS Foundation Trust & King's Health Partners London, United Kingdom</i>
8:55 AM – 9:00 AM	Q/A Discussion
9:00 AM – 9:25 AM	Contemporary Results of Living-related Kidney Transplantation <i>Lars Pape, MD, PhD Professor of Pediatric Nephrology Hannover Medical School Hannover, Germany</i>
9:25 AM – 9:30 AM	Panel Q/A Discussion

9:30 AM – 9:55 AM	Current Status of Living-Related Liver Transplantation <i>Patrick McKiernan, MD Consultant Pediatric Hepatologist Birmingham Children's Hospital Birmingham, United Kingdom</i>
9:55 AM – 10:00 AM	Q/A Discussion
10:00 AM – 10:30 AM	Coffee Break

Solid Organ Transplantation

Moderators: Ron Shapiro, MD, Thomas E. Starzl Transplant Institute, University of Pittsburgh, Pittsburgh, PA, USA and Lars Pape, MD, Professor of Pediatric Nephrology, Hannover Medical School, Hannover, Germany

10:30 AM – 10:45 AM	Pulmonary Complications in Pediatric Non-Lung Transplant Recipients <i>Christian Benden, MD Director of Pediatric and Adult Lung Transplant Program University of Zurich Hospital Zurich, Switzerland</i>
10:45 AM – 10:50 AM	Q/A Discussion
10:50 AM – 11:05 AM	Mechanical Assist Device Support as a Bridge to Thoracic Transplantation <i>Anne Dipchand, MD, FRCPC Head Heart Transplant Program, Professor of Pediatrics The Hospital of Sick Children Toronto, ON, Canada</i>
11:05 AM – 11:10 AM	Q/A Discussion
11:10 AM – 11:25 AM	Renal Replacement Therapy: Before, During and After Solid Organ Transplantation <i>Stuart Goldstein, MD Director, Center for Acute Care Nephrology Cincinnati Children's Hospital Medical Center Cincinnati, OH, USA</i>

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

11:25 PM – 11:30 PM	Q/A Discussion
11:30 AM – 11:45 AM	<p>Liver Disease: Considerations in Non-Liver Pediatric Transplantation – Joint Presentation</p> <p><i>John Bucuvalas, MD</i> <i>Director of Integrated Solid Organ Transplant Center</i> <i>Cincinnati Children's Hospital Medical Center</i> <i>Cincinnati, OH, USA</i></p> <p><i>Michael Narkewicz, MD</i> <i>Medical Director, Pediatric Liver Center & Liver Transplantation</i> <i>Children's Hospital Colorado</i> <i>Aurora, CO, USA</i></p>
11:45 AM – 11:50 PM	Q/A Discussion
12:00 PM – 1:00 PM	Lunch on own

New Developments in Thoracic Organ Transplantation

In collaboration with the International Society for Heart and Lung Transplant (ISHLT)

Tracks:

Update on Antibody-mediated Rejection in Heart Transplantation

Moderators: Andreas Zuckerman, MD, Professor, Medical University of Vienna, Vienna, Austria and Lori J. West, MD, DPhil, Professor of Pediatrics, Surgery & Immunology, University of Alberta, Edmonton, AB, Canada

8:00 AM – 8:15 AM	<p>How do Antibodies Injure Transplants? Mechanisms of Acute and Chronic Antibody-mediated Injury of Cardiac Grafts</p> <p><i>Elaine Reed, PhD</i> <i>Professor of Pathology and Laboratory Medicine</i> <i>University of California LA</i> <i>Los Angeles, CA, USA</i></p>
8:15 AM – 8:20 AM	Q/A Discussion

8:20 AM – 8:35 AM	<p>Towards Standardization of a Messy Problem: Impact and Insights of the ISHLT AMR Classification</p> <p><i>Annalisa Angelini, MD</i> <i>University of Padova</i> <i>Padova, Italy</i></p>
8:35 AM – 8:40 AM	Q/A Discussion
8:40 AM – 8:55 AM	<p>Clinical Impact of Antibodies and Therapeutic Strategies for AMR across the Age Spectrum - Adult Heart Transplant Patients</p> <p><i>Luciana Potena, MD, PhD</i> <i>Bologna University</i> <i>Bologna, Italy</i></p>
8:55 AM – 9:00 AM	Q/A Discussion
9:00 AM – 9:15 AM	<p>Clinical Impact of Antibodies and Therapeutic Strategies for AMR across the Age Spectrum - Infants, Children, Adolescents</p> <p><i>Simon Urschel, MD</i> <i>Assistant Professor of Pediatrics and Immunology</i> <i>University of Alberta</i> <i>Edmonton, AB, Canada</i></p>
9:15 AM – 9:20 AM	Q/A Discussion
9:20 AM – 9:40 AM	<p>Looking Forward: Understanding and Limiting the Long-term Consequences of Cardiac AMR</p> <p><i>Jon Kobashigawa, MD</i> <i>Director Advanced Heart Disease Section</i> <i>Cedars Sinai Heart Institute</i> <i>Los Angeles, CA, USA</i></p>
9:40 AM – 9:45 AM	Q/A Discussion
9:45 AM – 10:15 AM	Coffee Break

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

Update on Chronic Lung Allograft Dysfunction

Moderators: John Dark, FRCS, Professor of Cardiothoracic Surgery, Freeman Hospital/University of Newcastle, Newcastle, United Kingdom and Richard Pierson, III, MD, Senior Associate Dean; Professor of Surgery, University of Maryland, Baltimore, MD, USA

10:15 AM – 10:35 AM	“As the Seed is Sown, So Grows the Tree.” Late Sequelae of Early Injury in Pathogenesis of CLAD <i>Daniel Kreisel, MD, PhD Associate Professor of Surgery, Pathology & Immunology Washington University in St. Louis St. Louis, MO, USA</i>
10:35 AM – 10:40 AM	Q/A Discussion
10:40 AM – 11:00 AM	Adaptive and Innate Immunity in CLAD: Cells, Antibodies and Cytokines <i>Thalachallour Mohanakumar, PhD Professor Surgery, Pathology & Immunology Washington University School of Medicine St. Louis, MO, USA</i>
11:00 AM – 11:05 AM	Q/A Discussion
11:05 AM – 11:20 AM	Autoimmune Processes Contributing to CLAD <i>David Wilkes, MD Executive Associate Dean for Research Affairs Indiana University School of Medicine Indianapolis, IN, USA</i>
11:20 AM – 11:25 AM	Q/A Discussion
11:25 AM – 11:55 AM	Debate: Therapeutic Strategies for CLAD: Optimized Clinical Management vs. Re-Transplantation Optimized Medical Management <i>Duane Davis, MD Professor of Surgery, Director of Transplantation Duke University Medical Center Durham, NC, USA</i>

Re-Transplantation
*Martin Strueber, MD
Director MCS Program/ Heart & Lung Transplantation
University Heart Centre Leipzig
Leipzig, Germany*

11:55 AM – 12:00 PM	Q/A Discussion
12:00 PM – 1:00 PM	Lunch on own

Helping Patients Achieve a High Quality of Life Post-transplant: Chronic Illness to Chronic Wellness

In collaboration with the International Transplant Nurses Society (ITNS)

Tracks:

Helping Patients Achieve a High Quality of Life Post-Transplant: Chronic Illness to Chronic Wellness

Moderator: Joan Kram, MBA, RN, FACHE, ITNS Executive Director, International Transplant Nurses Society (ITNS), Chicago, IL, USA and Michelle James, MS, RN, CNS, CCTN, Solid Organ Transplant Clinical Nurse Specialist, University of Minnesota Medical Center, Minneapolis, MN, USA

8:00 AM – 8:45 AM	Impact of Medication Non-Adherence on Post-transplant Outcome <i>Bernice Coleman, PhD, NP Nurse Practitioner/Nurse Researcher Cedars Sinai Medical Center Los Angeles, CA, USA</i>
8:45 AM – 8:50 AM	Q/A Discussion
8:50 AM – 9:35 AM	Evidence-based Interventions to Assist Patients With Self Care/Self Management <i>Christiane Kugler, PhD Witten University Witten, Germany</i>
9:35 AM – 9:40 AM	Q/A Discussion

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 8:00 am – 12:00 pm

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|---------------------|--|
| 9:40 AM – 10:25 AM | Advantages and Disadvantages of Listing Non-adherent Patients for Retransplantation
<i>Cynthia Russell, PhD, RN, FAAN</i>
<i>Professor</i>
<i>University of Missouri-Kansas City</i>
<i>Kansas City, MO, USA</i> |
| 10:25 AM – 10:30 AM | Q/A Discussion |
| 10:30 AM – 11:00 AM | Coffee Break |
| 11:00 AM – 11:45 AM | The Impact of Healthcare System Factors on Transplantation
<i>Sabina DeGeest, PhD</i>
<i>Professor of Nursing</i>
<i>University of Basel</i>
<i>Basel, Switzerland</i> |
| 11:45 AM – 11:50 PM | Q/A Discussion |
| 12:00 PM – 1:00 PM | Lunch on own |

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

Histocompatibility - Testing for the Clinician

*In collaboration with the American Society for Histocompatibility
& Immunogenetics (ASHI)*

Tracks:

Moderators: Kathryn Tinckam MD, MMSc, FRCPC, Co-Director HLA Laboratory, Transplant Nephrologist, University Health Network, Toronto, ON, Canada and Elaine F. Reed, PhD, Professor of Pathology and Laboratory Medicine, University of California Los Angeles, Los Angeles, CA, USA

1:00 PM – 1:25 PM	Update on HLA Typing and Antibody Testing – How and Why? <i>Craig Taylor, MD Consultant Clinical Scientist, Director of Histocompatibility and Immunogenetics Cambridge University Hospitals Cambridge, United Kingdom</i>
1:25 PM – 1:30 PM	Q/A Discussion
1:30 PM – 1:55 PM	What is the Viral Crossmatch and How to Use it to Facilitate Transplantation <i>Anat Tambur, DMD, PhD Research Professor Northwestern University Chicago, IL, USA</i>
1:55 AM – 2:00 PM	Q/A Discussion
2:00 PM – 2:25 PM	Non-HLA Antibodies and Their Role in Solid Organ Transplantation <i>Annette Jackson, PhD Assistant Professor Johns Hopkins University Baltimore, MD, USA</i>
2:25 PM – 2:30 PM	Q/A Discussion

2:30 PM – 2:55 PM	Best Practices for Histocompatibility Testing for Kidney Paired Donation <i>Cathi Murphey, PhD Director, Histocompatibility and Immunogenetics Laboratory Southwest Immunodiagnostics, Inc San Antonio, TX, USA</i>
2:55 PM – 3:00 PM	Q/A Discussion
3:00 PM – 3:30 PM	Coffee Break
3:30 PM – 3:55 PM	Heart and Lung Transplant: Utility of Pre- and Post-transplant Histocompatibility Testing <i>John Smith, PhD, FRCPath HCS Consultant Harefield Hospital Middlesex, United Kingdom</i>
3:55 PM – 4:00 PM	Q/A Discussion
4:00 PM – 4:25 PM	Small Bowel, Liver Transplant and Combined Liver/Kidney or Liver/Heart Transplant Composite Tissue <i>Sue McDiarmid, MD Professor of Pediatrics and Surgery University of California Los Angeles Los Angeles, CA, USA</i>
4:25 PM – 4:30 PM	Q/A Discussion
4:30 PM – 4:55 PM	Post-transplant Antibodies – Is it Positive – Now What? <i>Kathryn Tinckam, MD, MMSc, FRCPC Co-Director HLA Laboratory, Transplant Nephrologist University Health Network Toronto, ON, Canada</i>
4:55 PM – 5:00 PM	Q/A Discussion

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

Liver Transplantation Around the World

In collaboration with the International Liver Transplantation Society (ILTS)

Tracks:

Anesthesia and Intensive Care Advances in Liver Transplantation

Moderators: Claus Niemann, MD, Professor of Anesthesia and Surgery, University of California San Francisco, San Francisco, CA, USA and Randolph Steadman, MD, MS, Professor and Vice Chair, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

1:00 PM – 1:15 PM	A Review of Practice Patterns Around the World <i>Michael A.E. Ramsay, MD</i> <i>Chair of Anesthesiology; Director of Liver Transplant Anesthesia</i> <i>Baylor University Medical Center</i> <i>Dallas, TX, USA</i>
1:15 PM – 1:20 PM	Q/A Discussion
1:20 PM – 1:35 PM	Optimizing Costs and Outcomes in a New Program: Big Lessons from a Small Country <i>Ana Evelyn Karina Rando, MD</i> <i>Associate Professor, Anesthesiology Chief</i> <i>University of Uruguay-Military Hospital - Liver Transplant Unit</i> <i>Montevideo, Uruguay</i>
1:35 PM – 1:40 PM	Q/A Discussion

1:40 PM – 1:55 PM

OLT for HCC: Time to Fast Track?
David Kramer, MD
Clinical Professor of Medicine,
University of Wisconsin
Medical Director, Aurora Critical Care Service
Milwaukee, WI, USA

1:55 PM – 2:00 PM

Q/A Discussion

Transition from Pediatric to Adult

Moderators: Anil Dhawan, MD, Kings College Hospital, London, United Kingdom and Sandy Feng, MD, Professor of Surgery, University of California San Francisco, San Francisco, CA, USA

2:00 PM – 2:15 PM

Keep Them Safe: From a Child to an Adult
Sue McDiarmid, MD
Professor of Pediatrics and Surgery
University of California Los Angeles
Los Angeles, CA, USA

2:15 PM – 2:20 PM

Q/A Discussion

2:20 PM – 2:35 PM

Avoid the Gollums: Modern Immunosuppression in Children
William Harmon, MD
Children's Hospital Boston
Harvard Medical School
Boston, MA, USA

2:35 PM – 2:40 PM

Q/A Discussion

2:40 PM – 2:55 PM

PTLD, A Complication Brought Under Control
Anil Dhawan, MD
Kings College Hospital
London, United Kingdom

2:55 PM – 3:00 PM

Q/A Discussion

3:00 PM – 3:15 PM

Minimal Immunosuppression in Liver Transplantation : a Safe(r) Way to Go - The UCL Experience in Adult Patients
Jan Lerut, MD, PhD
Université Catholique Louvain
University Hospital of St. Luc
Brussels, Belgium

3:15 PM – 3:20 PM

Q/A Discussion

3:20 PM – 3:50 PM

Coffee Break

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

Breakthrough to Achieve Long-term Survival

Moderators: Richard B. Freeman, Jr., MD, William and Bessie Allyn Professor and Chair, Geisel School of Medicine, Hanover, NH, USA and Patrizia Burra, MD, PhD, Multivisceral Transplant Unit Padova University Hospital, Padova, Italy

3:50 PM – 4:05 PM	The Revolution of LDLT Over the Past Two Decades <i>Chung-Mau Lo, MD</i> Chair Professor University of Hong Kong Hong Kong, China
4:05 PM – 4:10 PM	Q/A Discussion
4:10 PM – 4:25 PM	The Treatment of HCV Recurrence After Liver Transplant <i>Michael C. Charlton, MD</i> Professor of Medicine, Director of Hepatology and Liver Transplantation Intermountain Medical Center Murray, UT, USA
4:25 PM – 4:30 PM	Q/A Discussion
4:30 PM – 4:45 PM	DSA and HCV <i>Audrey Coilly, MD</i> Hospital Paul Brousse Villjuif, France
4:45 PM – 4:50 PM	Q/A Discussion

The Future of Transplant Immunosuppression R&D: Problems and Solutions from Clinical, Biopharmaceutical and Regulatory Perspectives

This session is not approved for continuing medical education credits.

Tracks:

1:00 PM – 1:05 PM	Introduction <i>Stuart Knechtle, MD</i> Professor of Surgery and Pediatrics Emory University School of Medicine Atlanta, GA, USA
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The Current Status of R&D

Moderators: Stuart Knechtle, MD, Professor of Surgery and Pediatrics, Emory University School of Medicine, Atlanta, GA, USA and Francis Delmonico, MD, Professor of Surgery, Harvard Medical School, Massachusetts General Hospital, Boston, MA, USA

1:05 PM – 1:20 PM	Past and Present Status of Renal Transplantation: Unmet Clinical Needs from Registries and Regulatory History of Approved Immunosuppressants <i>Steven Chadban, B.Med, PhD, FRACP</i> Professor RPAH and University of Sydney Clontarf, Australia
1:25 PM – 1:30 PM	Q/A Discussion
1:30 PM – 1:45 PM	FDA Regulatory Review: What Has Been Required for Transplant Immunosuppressant Approvals for Renal Transplantation? <i>Marc Cavaille-Coll, MD, PhD</i> Medical Officer Food and Drug Administration Silver Springs, MD, USA
1:45 PM – 1:50 PM	Q/A Discussion

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

What Have We Learned From Immunosuppressants That Failed to be Submitted for Regulatory Review?

Moderators: Federico Oppenheimer, MD, PhD, Transplant Nephrologist, Hospital Clinic de Barcelona, Barcelona, Spain and Flavio Vincenti, MD, Professor of Clinical Medicine, University of California San Francisco, San Francisco, CA, USA

1:50 PM – 2:05 PM	Examination of Causes of Low R&D Productivity in Biopharma <i>Joseph A. DiMasi, PhD Director of Economic Analysis Tufts Center for the Study of Drug Development Boston, MA, USA</i>
2:05 PM – 2:10 PM	Q/A Discussion
2:10 PM – 2:25 PM	Investigator's Perspectives on Decision Not to Continue Development of Sotrastaurin for Renal Transplantation – Joint Presentation <i>Randall Morris, MD, FRCP Research Professor Emeritus of Cardiothoracic Surgery Stanford University School of Medicine Carmel-by-the-Sea, CA, USA</i> <i>Graeme Russ, MBBS, PhD Co-Director, Nephrology and Transplantation Royal Adelaide Hospital Adelaide Australia</i>
2:25 PM – 2:30 PM	Q/A Discussion
2:30 PM – 2:45 PM	Sponsor's and Principal Investigator's Perspectives on Decision Not to Continue Development of Tofacitinib for Renal Transplantation – Joint Presentation <i>Gary Chan, PharmD, MS Senior Director Pfizer West Warwick, RI, USA</i>

*Stephan Busque, MD
Professor Department of Surgery
Stanford University School of Medicine
Stanford, CA, USA*

2:45 PM – 2:50 PM

Q/A Discussion

2:50 PM – 3:20 PM

Coffee Break

Considerations for Future Trials

Moderators: Dirk Kuypers, MD, Prof Dr, KU Leuven, Leuven, Belgium and Elizabeth Pomfret, MD, PhD, FACS, Professor of Surgery, Tufts University, Chair, Dept. of Transplantation & HPB, Lahey Clinic Medical Center, Burlington, MA, USA

3:20 PM – 3:35 PM

Current FDA Trial Guidelines for Primary Endpoints: What Are the Impacts from the FDA Safety and Innovation Act?
*Renata Albrecht, MD
Supervisory Medical Officer
Food and Drug Administration
Silver Springs, MD, USA*

3:35 PM – 3:40 PM

Q/A Discussion

3:40 PM – 3:55 PM

What are the Major Barriers and Possible Solutions for Trial Approvals: Perspectives from the Biopharma Industry
*William Fitzsimmons, PharmD
Divisional Executive Vice President
Astellas Pharma
Northbrook, IL, USA*

3:55 PM – 4:00 PM

Q/A Discussion

4:00 PM – 4:10 PM

What are Potential Surrogate Efficacy Endpoints for Predicting Long-term Renal Graft Function and Survival?
*Mark Stegall, MD
Professor of Surgery and Immunology
Mayo Clinic
Rochester, MN, USA*

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

4:10 PM – 4:20 PM

What are Potential Surrogate Safety Endpoints for the Next Generation of Trials?

*Bengt Fellstrom, MD, PhD
Professor of Nephrology
University Hospital
Uppsala, Sweden*

*William Fitzsimmons, PharmD
Divisional Executive Vice President
Astellas Pharma
Northbrook, IL, USA*

*Dirk Kuypers, MD,
Professor
KU Leuven
Leuven, Belgium*

4:20 – 4:30 PM

Surrogate Efficacy and Safety Endpoints - FDA Response

*Renata Albrecht, MD
Supervisory Medical Officer
Food and Drug Administration
Silver Springs, MD, USA*

*Randall Morris, MD, FRCP
Research Professor Emeritus of
Cardiothoracic Surgery
Stanford University School of
Medicine
Carmel-by-the-Sea, CA, USA*

Way Forward: Audience and Roundtable Discussion

Moderators: Philip O'Connell, MD, Renal Unit, Westmead Hospital, Westmead, Australia and Barbara Murphy, MD, Professor of Medicine, Mt. Sinai School of Medicine, New York, NY, USA

*Mark Stegall, MD
Professor of Surgery and
Immunology
Mayo Clinic
Rochester, MN, USA*

4:30 PM – 4:55 PM

Roundtable Discussion –
Q/A Discussion

*Renata Albrecht, MD
Supervisory Medical Officer
U.S. Food and Drug Administration
Washington, DC, USA*

*Sir Roy Calne
Professor
Strangeways Res Laboratory
Cambridge, United Kingdom*

*Mark Cavaille-Coll, MD, PhD
Medical Officer
U.S. Food and Drug Administration
Washington, DC, USA*

*Steven Chadban, B.Med, PhD,
FRACP
Professor
RPAH and University of Sydney
Clontarf, Australia*

*Bengt Fellstrom, MD, PhD
Professor of Nephrology
University Hospital
Uppsala, Sweden*

4:55 PM – 5:00 PM

Summary Remarks
*Randall Morris, MD, FRCP
Research Professor Emeritus of
Cardiothoracic Surgery
Stanford University School of
Medicine
Carmel-by-the-Sea, CA, USA*

Interpreting Clinical Data: Biostatistics 101

Tracks:

Moderators: Robert M. Merion, MD, Professor of Surgery, University of Michigan / President, Arbor Research Collaborative for Health, Ann Arbor, MI, USA and David Collett, PhD, Professor, NHS Blood and Transplant, Bristol, United Kingdom

1:00 PM – 1:15 PM

Welcome, Introductions and Overview
*Robert M. Merion, MD
Professor of Surgery,
University of Michigan
President, Arbor Research
Collaborative for Health
Ann Arbor, MI, USA*

Pre-meeting Symposia: Half Day



Sunday, July 27, 2014 • 1:00 pm – 5:00 pm

1:15 PM – 1:40 PM	Study Design: Acquiring and Merging Data Sources <i>Jesse D. Schold, PhD</i> Associate Staff Cleveland Clinic Cleveland, OH, USA
1:40 PM – 1:45 PM	Q/A Discussion
1:45 PM – 2:10 PM	Descriptive Analyses: Diamonds in the Rough <i>Stephen P. McDonald, MBBS, PhD</i> Clinical Associate Professor Royal Adelaide Hospital/University of Adelaide Adelaide, Australia
2:10 PM – 2:15 PM	Panel Q/A Discussion
2:15 PM – 2:40 PM	Missing Data and Messy Data <i>Dorry Segev, MD, PhD</i> Associate Professor of Surgery, Epidemiology, and Biostatistics Johns Hopkins University Baltimore, MD, USA
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Introduction to Modelling <i>David Collett, PhD</i> Professor NHS Blood and Transplant Bristol, United Kingdom
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:45 PM	COFFEE BREAK
3:45 PM – 4:10 PM	Survival Analysis: Kaplan-Meier to Cox and Beyond <i>Douglas E. Schaubel, PhD</i> Professor of Biostatistics University of Michigan School of Public Health Ann Arbor, MI, USA
4:10 PM – 4:15 PM	Q/A Discussion

4:15 PM – 4:40 PM	What Can You Know About What You Don't Know? <i>Brenda W. Gillespie, PhD</i> Research Associate Professor of Biostatistics University of Michigan Ann Arbor, MI, USA
4:40 PM – 4:45 PM	Q/A Discussion
4:45 PM – 5:10 PM	Beyond Observed vs. Expected Outcomes: CUSUM <i>Jon J. Snyder, PhD, MS</i> Director of Transplant Epidemiology Minneapolis Medical Research Foundation Minneapolis, MN, USA
5:10 PM – 5:15 PM	Q/A Discussion
5:15 PM – 5:30 PM	Wrap-up and Summary <i>Robert M. Merion, MD</i> Professor of Surgery, University of Michigan President, Arbor Research Collaborative for Health Ann Arbor, MI, USA

Opening Ceremonies

5:30 PM – 6:30 PM

Opening Reception with Exhibits and Poster Session I

6:30 PM – 8:00 PM



Monday, July 28, 2014

Sunrise Symposia

7:00 AM – 8:15 AM

New Concepts in Recurrent Glomerular Disease

Tracks:

Moderators: Mark Stegall, MD, Professor of Surgery and Immunology, Mayo Clinic, Rochester, MN, USA and Dianne McKay, MD, Professor, University of California San Diego, La Jolla, CA, USA

7:00 AM – 7:20 AM	Hemolytic Uremic Syndrome – Prevention and Treatment <i>Christophe Legendre, MD Université Paris Descartes Hopital Necker Paris, France</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Recurrent Focal Glomerulosclerosis – Who is at Risk and How to Treat It? <i>Anna Greka, MD, PhD Assistant Professor of Medicine Massachusetts General Hospital Charlestown, MA, USA</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Immunosuppression and Recurrent Disease <i>Steven Chadban, B. Med., PhD, FRACP Professor Royal Prince Alfred Hospital and University of Sydney Clontarf, Australia</i>
8:10 AM – 8:15 AM	Q/A Discussion

The Microbiome and the Human Immune System

Tracks:

Moderators: Jay Alan Fishman, MD, Professor of Medicine, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA and Thomas Pearson, MD, D. Phil., Livingston Professor of Surgery, Emory University, Atlanta, GA, USA

7:00 AM – 7:15 AM	Reciprocal Interactions of the Intestinal Microbiota and Immune System <i>Jose Clemente Mount Sinai School of Medicine New York, NY, USA</i>
7:15 AM – 7:20 AM	Q/A Discussion
7:20 AM – 7:35 AM	Fecal Transplantation – Reshaping the Microbiome? <i>Alex Khoruts, MD Associate Professor of Medicine University of Minnesota Minneapolis, MN, USA</i>
7:35 AM – 7:40 AM	Q/A Discussion
7:40 AM – 7:55 AM	Intestinal-Resident Innate Lymphoid Cells (ILCs) in the Regulation of Immunity and Inflammation <i>Gregory F. Sonnenberg, PhD Research Associate of Medicine University of Pennsylvania, Perelman School of Medicine Philadelphia, PA, USA</i>
7:55 AM – 8:00 AM	Q/A Discussion
8:00 AM – 8:15 AM	Small Bowel Transplantation and the Microbiome <i>David Mercer, MD, PhD, FRCSC Associate Professor Division of Transplant Surgery University of Nebraska Medical Center Omaha, NE, USA</i>
8:15 AM – 8:20 AM	Q/A Discussion



Monday, July 28, 2014

Optimization Options for Lung Donor Organs

Tracks:

Moderators: Shaf Keshavjee, MD, Professor of Thoracic Surgery, University of Toronto, Toronto, Ontario, Canada and Allan Glanville, MD, MBBS, FRACP, Director of Thoracic Medicine and Medical Director Lung Transplantation, St. Vincent's Hospital, Darlinghurst, NSW, Australia

7:00 AM – 7:20 AM	In the Donor <i>Lorraine B. Ware, MD</i> Associate Professor of Medicine Vanderbilt University Nashville, TN, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	In Transit or Before Implant <i>Marcelo Cypel, MD, MSc</i> Assistant Professor of Surgery University of Toronto Toronto, ON, Canada
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	In the Recipient <i>Sangeeta Bhorade, MD</i> Associate Professor of Medicine University of Chicago Hospitals Chicago, IL, USA
8:10 AM – 8:15 AM	Q/A Discussion

The Aging Heart Transplant Recipient

Tracks:

Moderators: Jeff Teuteberg, MD, Director, Advanced Heart Failure, University of Pittsburgh, Pittsburgh, PA, USA and Michael Pham, MD, MPH, Clinical Associate Professor of Medicine, Stanford University Medical Center, Palo Alto, CA, USA

7:00 AM – 7:20 AM	The Impact of Aging on Eligibility for Heart Transplant <i>Howard Eisen, MD</i> Chief, Division of Cardiology Drexel University College of Medicine Philadelphia, PA, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	The Loss of Endogenous Cardioprotection with Aging: Implications for Donor Heart Preservation <i>Petra Kleinbongard, PD, MD</i> University of Essen Medical School Essen, Germany
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Management of the Older Heart Transplant Recipient <i>Christopher Hayward, MD</i> Heart Failure and Transplant Unit St. Vincent's Hospital Sydney, Australia
8:10 AM – 8:15 AM	Q/A Discussion

Pharmacogenomics and Personalized Medicine: How to Approach in Transplantation

Tracks:

Moderators: Pam Jacobson, PharmD, Professor, University of Minnesota College of Pharmacy, Minneapolis, MN, USA and Teun Van Gelder, MD, Professor in Clinical Pharmacology, Erasmus Medical Center, Rotterdam, The Netherlands

7:00 AM – 7:20 AM	Lessons from Pharmacogenomics in Cancer Treatment <i>Ajay Israni, MD, MS</i> Associate Professor of Medicine Hennepin County Medical Center Minneapolis, MN, USA
7:20 AM – 7:25 AM	Q/A Discussion



Monday, July 28, 2014

7:25 AM – 7:45 AM Personalized Medicine in SOT: an Integrative Approach
Dirk R.J. Kuypers, MD, PhD
Prof Dr - KU Leuven
KU Leuven
Leuven, Belgium

7:45 AM – 7:50 AM Q/A Discussion

7:50 AM – 8:10 AM How Systems Biology Will Alter Transplantation Practice
Atul J. Butte, MD
Division Chief and Associate Professor
Stanford University School of Medicine
San Francisco, CA, USA

8:10 AM – 8:15 AM Q/A Discussion

7:40 AM – 7:55 AM Advances in Laparoscopic Kidney Transplantation
Pranjal Modi, MS, DNB
Professor
Institute of Kidney Disease, Dept. of Urology & Renal Transplantation
Gujarat, India

7:55 AM – 8:00 AM Q/A Discussion

8:00 AM – 8:15 AM Advances in Laparoscopic Liver Donation
Talia Baker, MD
Associate Professor of Surgery
Northwestern Memorial Hospital
Chicago, IL, USA

8:15 AM – 8:20 AM Q/A Discussion

Minimally Invasive Transplant Surgery and Other Advances

Tracks:

Moderators: Kristen Mekeel, MD, Associate Professor of Surgery and Surgical Director of Kidney and Pancreas Transplantation, University of California San Diego, San Diego, CA, USA and Luis Podesta, MD, Director Department of Surgery and Visceral Transplantation, Hospital Universitario Austral, Buenos Aires, Argentina

7:00 AM – 7:15 AM Robotic Donor Nephrectomy and Kidney Transplantation
Ugo Boggi, MD
Associate Professor of Surgery
University of Pisa,
Pisa, Italy

7:15 AM – 7:20 AM Q/A Discussion

7:20 AM – 7:35 AM Single Port Nephrectomy
Mihir Desai, MD
Professor of Clinical Urology/
Director of Robotic Surgery
USC Institute of Urology
Keck School of Medicine
Los Angeles, CA, USA

7:35 AM – 7:40 AM Q/A Discussion

Hot Issues in Living Liver Donation

Tracks:

Moderators: Nancy Ascher, MD, PhD, University of California San Francisco, San Francisco, CA, USA and Bjorn Nashan, MD, PhD, FACS, FRCSC, Professor of Surgery, Chair & Chief, University of Hamburg, Hamburg, Germany

7:00 AM – 7:20 AM Left Lobe Donation Donor Outcomes – American Experience
Jean Emond, MD
Director of Transplantation
Columbia University Medical Center
Surgery
New York, NY, USA

7:20 AM – 7:25 AM Q/A Discussion

7:25 AM – 7:45 AM Left Lobe Donation Recipient Outcomes – Japanese Experience
Hideaki Uchiyama, PhD
Associate Professor
Kyushu University
Fukuoka, Japan

7:45 AM – 7:50 AM Q/A Discussion



Monday, July 28, 2014

7:50 AM – 8:10 AM Left Lobe Donation Recipient Outcome – The Taiwanese Experience
Chao-Long Chen, MD
Kaohsiung Chang Gung Memorial Hospital
Chang Gung Memorial Hospital
Kaohsiung, Taiwan

8:10 AM – 8:15 AM Q/A Discussion

Pre-Transplant Sensitization

Tracks:

Moderators: Patrick Toby Coates, MD, PhD, University of Adelaide, Royal Adelaide Hospital, Adelaide, Australia and Elaine Reed, PhD, Professor of Pathology and Laboratory Medicine, University of California Los Angeles, Los Angeles, CA, USA

7:00 AM – 7:20 AM Virtual Crossmatching Strategies
Frans Claas, PhD
Professor
Leiden University Medical Center
Leiden, The Netherlands

7:20 AM – 7:25 AM Q/A Discussion

7:25 AM – 7:45 AM Assessing the Risk of HLA Antibodies for Transplant Candidate Management
Mary Leffell, PhD
Professor of Medicine
Johns Hopkins University School of Medicine
Baltimore, MD, USA

7:45 AM – 7:50 AM Q/A Discussion

7:50 AM – 8:10 AM How to Measure Desensitization Therapy
Stanley Jordan, MD
Professor of Pediatrics and Medicine
Cedars Sinai Medical Center
Los Angeles, CA, USA

8:10 AM – 8:15 AM Q/A Discussion

Controversies in Visceral Transplantation

Tracks:

Moderators: Debra Sudan, MD, Professor of Surgery, Duke University Medical Center, Durham, NC, USA and Darius Mirza, MD, Consultant, Hepatobiliary and Transplant Surgeon, Queen Elizabeth Hospital/ Birmingham Children's Hospital, Edubaston, United Kingdom

7:00 AM – 7:15 AM Failure of Nutritional Autonomy: Medical vs. Surgical Therapy
Florence Lacaille, MD
University of Paris –
Necker Hospital
Paris, France

7:15 AM – 7:20 AM Q/A Discussion

7:20 AM – 7:35 AM Cause of Intestinal Failure and Type of Visceral Allograft
Darius Mirza, MS, FRCS
Consultant Hepatobiliary and Transplant Surgeon
Queen Elizabeth Hospital and Birmingham Children's Hospital
Birmingham, United Kingdom

7:35 AM – 7:40 AM Q/A Discussion

7:40 AM – 7:55 AM Alloantibodies and Type of Visceral Graft
Andreas Pascher, MD, PhD, MBA, FEBS
Professor of Surgery, Director Transplant Program
Charite - University Medicine Berlin
Berlin, Germany

7:55 AM – 8:00 AM Q/A Discussion

8:00 AM – 8:15 AM Minimization of Immunosuppression and Type of Visceral Allograft
Kareem Abu-Elmagd, MD, PhD
Director of Transplant Center
Cleveland Clinic
Cleveland, OH, USA

8:15 AM – 8:20 AM Q/A Discussion



Monday, July 28, 2014

Addressing Limited Organ Donation Concerns in the Developing World

Tracks:

Moderators: Vasant Sumethkul, MD, Professor, Ramathibodi Hospital, Bangkok, Thailand and S. Abidul Hasan Rizvi, MBBS, FRCS, Professor and Director, Sindh Institute of Urology and Transplantation (SIUT), Karachi, Pakistan

7:00 AM – 7:20 AM	Cost-Effectiveness and Quality: Cost of Treatment and Transplant Outcomes for Recipients in the Developing World <i>Rudolf Garcia-Gallont, MD, FEBS Hospital General San Juan de Dios Guatemala City, Guatemala</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Improving Organ Donation in the UK: A Way Forward Involving Minority Groups <i>Gurch Randhawa Professor of Diversity in Public Health & Director UK Organ Donation and Transplantation Centre, University of Bedfordshire Luton, United Kingdom</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	The Implications of Commercialism in Pakistan and Starting a Deceased Donor Program in an Emerging Economy <i>S.A. Anwar Naqvi, MBBS, MCPS, MS Professor of Urology Sindh Institute of Urology and Transplantation Karachi, Pakistan</i>
8:10 AM – 8:15 AM	Q/A Discussion

Planning, Implementing and Documenting Multidisciplinary Care: How We Do it

Tracks:

Moderators: Ashley Seawright, DNP, ACNP-BC, Instructor Department of Surgery, Transplant and HPB NP, University of Mississippi Medical Center, Jackson, MS, USA and Kathryn Kable, MNd, Westmead Hospital, Westmead, Australia

7:00 AM – 7:20 AM	Maintaining Quality Outcomes Through Post-Transplant Care by Advanced Practice Providers <i>Michael Petty, PhD, RN, CCNS, ACNS-BC Cardiothoracic Clinical Nurse Specialist University of Minnesota Medical Center, Fairview Richfield, MN, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Working With Challenging Patients and Families Within the Multidisciplinary Team <i>Kay Kendall, MSW Cleveland Clinic Cleveland, OH, USA</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Medication Safety and Efficacy Following Transplantation <i>Peter Barclay Director of Pharmacy Children's Hospital at Westmead Westmead Australia</i>
8:10 AM – 8:15 AM	Q/A Discussion



Monday, July 28, 2014

PLENARY ABSTRACT SESSION

8:30 AM – 9:30 AM

STATE-OF-THE-ART-ADDRESS

9:30 AM – 10:00 AM

*Eric Schadt, MD, PhD
Chairman and Professor,
Department of Genetics and
Genomic Sciences
Mount Sinai Medical
New York, NY, USA*

ASTS Presidential Address and Awards

10:00 AM – 11:00 AM

*Alan N. Langnas, DO
ASTS President
University of Nebraska Medical
Center
Omaha, NE, USA*

COFFEE BREAK

11:00 AM – 11:15 AM

CONCURRENT ABSTRACT SESSIONS

11:15 AM – 12:45 AM

1. Renal Outcomes Using Donation After Cardiac Death Donors
2. Liver: Living Donors and Partial Grafts
3. Antigen Presentation and Allorecognition
4. Diagnostic Techniques and their Impact in Outcomes of AMR in Kidney
5. Immunosuppression Related Complications – Kidney
6. Clinical and Experimental Islet Transplantation
7. Liver: MELD, Allocation and Donor Issues (DCD/ECD)
8. Biomarkers, Immune Monitoring and Outcomes
9. Post-transplant Malignancy
10. Acute Rejection
11. Mechanical Circulatory Assist Devices in Heart Transplantation
12. Late Breaking
13. Recipient Well-being and Functional Status I
14. Re-admission after Kidney Transplantation

STATE-OF-THE-ART SYMPOSIA

2:15 PM – 3:45 PM

Improving Long-term Outcomes

Tracks:

Moderators: Robert Gaston, MD, Endowed Professor of Transplant Nephrology, University of Alabama at Birmingham, Birmingham, AL, USA and Alan Jardine, BSc, MB, ChB, MD, FRCP, Professor of Renal Medicine, University of Glasgow, Glasgow, Scotland

2:15 PM – 2:40 PM

Dealing With Threats to Patient Survival
*Bertram Kasiske, MD
Professor of Medicine
University of Minnesota – Hennepin
County Medical
Minneapolis, MN, USA*

2:40 PM – 2:45 PM

Q/A Discussion

2:45 PM – 3:10 PM

Dealing With Threats to Allograft Survival
*Brian Nankivell, MD
Renal Medicine
Westmead Hospital
Westmead, Australia*

3:10 PM – 3:15 PM

Q/A Discussion

3:15 PM – 3:40 PM

Immune Monitoring: A Rational Approach to Immunosuppression Management
*Peter Heeger, MD
Professor of Medicine and
Immunology
Icahn School of Medicine at Mt.
Sinai
New York, NY, USA*

3:40 PM – 3:45 PM

Q/A Discussion



Monday, July 28, 2014

Basic Immunology in Humans

Tracks:

Moderators: Emmanuel Zorn, PhD, Harvard Medical School Transplant Center, Massachusetts General Hospital, Boston, MA, USA and Giovanna Lombardi, Professor of Human Transplant Immunology, Kings College London, London, United Kingdom

2:15 PM – 2:40 PM	Human Foxp3+ Cells in Transplantation and Autoimmunity <i>Steven Ziegler</i> <i>Benaroya Research Institute</i> <i>Seattle, WA, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Human NK Cell Responses to Infection <i>Lewis Lanier</i> <i>Professor</i> <i>University of California San Francisco</i> <i>San Francisco, CA, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Studying Immunology in Humans <i>Mark Davis, PhD</i> <i>Professor</i> <i>Stanford University</i> <i>Stanford, CA, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

The Costs of Transplantation

Tracks:

Moderators: Gabriel Danovitch, MD, David Geffen School of Medicine at University of California Los Angeles, Los Angeles, CA, USA and Willem Weimar, MD, PhD, Professor, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands

2:15 PM – 2:30 PM	Donor Families: Impact of the Donation Request and Donation <i>Maggie Sque, PhD, BSc, Dip.N.Ed, RN1, LPE, FHEA</i> <i>Professor of Clinical Practice and Innovation</i> <i>University of Wolverhampton and The Royal Wolverhampton NHS Trust</i> <i>Wolverhampton, United Kingdom</i>
2:30 PM – 2:35 PM	Q/A Discussion
2:35 PM – 2:50 PM	Affording a Transplant in America – Financial Implications of Kidney Transplantation and Their Effect on Listing for Transplant <i>Mark Schnitzler, PhD</i> <i>St. Louis University School of Medicine</i> <i>St. Louis, MO, USA</i>
2:50 PM – 2:55 PM	Q/A Discussion
2:55 PM – 3:10 PM	Enhancing Organ Donation by Prioritizing Registered Donors During Organ Allocation and Removal of Financial Disincentives for Living Donation <i>Jacob Lavee, MD</i> <i>Associate Professor of Surgery/ Director Heart Transplant Unit</i> <i>Lavie Heart Center, Sheba Medical Center, Tel Aviv University</i> <i>Tel Aviv, Israel</i>
3:10 PM – 3:15 PM	Q/A Discussion



Monday, July 28, 2014

3:15 PM – 3:30 PM Here Come the Generics: Saving Money, But at What Cost?
*Jennifer Harrison, BScPharm, MSc
 Pharmacy Clinical Site Leader/
 Assistant Professor
 Toronto General Hospital, University
 Health Network
 Toronto, ON, Canada*

3:30 PM – 3:35 PM Panel Q/A Discussion

Approach to Sensitized Patients Awaiting Heart Transplantation

Tracks:

*Moderators: Steven Webber, MBChB, MRCP, Professor and Chair
 Department of Pediatrics, Vanderbilt University, Nashville, TN, USA and
 Nancy Reinsmoen, PhD, Professor and Director of HLA Laboratory,
 Cedars Sinai Medical Center, Los Angeles, CA, USA*

2:15 PM – 2:40 PM What are the Risks of the Sensitized Adult Patient Awaiting Heart or Lung Transplant?
*Barbara Pisani, DO
 Rush University Medical Center
 Chicago, IL, USA*

2:40 PM – 2:45 PM Q/A Discussion

2:45 PM – 3:10 PM The Virtual Crossmatch: What is it and How Do We Define an Unacceptable Antigen?
*Adrianna Zeevi, PhD
 Professor of Pathology, Surgery and Immunology
 University of Pittsburgh
 Pittsburgh, PA, USA*

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM Approaches to Desensitization Therapies: What Works?
*Jignesh Patel, MD, PhD
 Medical Director Heart Transplant Program, Cedars Sinai Heart Institute
 Associate Professor of Clinical Medicine, David Geffen School of Medicine at UCLA
 Los Angeles, CA, USA*

3:40 PM – 3:45 PM Q/A Discussion

MicroRNAs, Controlling Expression to the Clinic

Tracks:

*Moderators: Bernd Schroppel, MD, University of Ulm, Ulm, Germany
 and James Markmann, MD, PhD, Chief Division of Transplantation,
 Massachusetts General Hospital, Boston, MA, USA*

2:15 PM – 2:40 PM MicroRNAs Regulating Alloimmune Responses and Allograft Rejection
*Sheri Krams, PhD
 Associate Professor
 Stanford University
 Stanford, CA, USA*

2:40 PM – 2:45 PM Q/A Discussion

2:45 PM – 3:10 PM miRNA Profiling Discriminates Types of Rejection and Injury in Human Renal Allografts
*Rainer Oberbauer
 Medical University Vienna &
 KH Elisabethinen
 Linz, Austria*

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM The MicroRNA Transcriptome of Human Allograft
*Thangamani Muthukumar, MD
 Assistant Professor of Medicine
 Weill Medical College of Cornell University
 New York, NY, USA*

3:40 PM – 3:45 PM Q/A Discussion



Monday, July 28, 2014

Liver Donors: Short- and Long-term Donor Risks

Tracks:

Moderators: Michael Zimmerman, MD, Associate Professor, University of Colorado Denver, Aurora, CO and Stephen Lynch, MBBS, FRACS, Professor, Princess Alexandra Hospital, Brisbane, Australia

2:15 PM – 2:30 PM	Donor Psychosocial Outcomes <i>Mary Amanda Dew, PhD Professor of Psychiatry, Psychology, Epidemiology and Biostatistics University of Pittsburgh School of Medicine Pittsburgh, PA, USA</i>
2:30 PM – 2:35 PM	Q/A Discussion
2:35 PM – 2:50 PM	Financial Impact of Living Donation <i>Michael Abecassis, MD J. Roscoe Miller Distinguished Professor Northwestern University Feinberg School of Medicine Chicago, IL, USA</i>
2:50 PM – 2:55 PM	Q/A Discussion
2:55 PM – 3:10 PM	Short-term Risks <i>Subash Gupta, MS, AIIMS, FRCS Doctor ANG Centre for Liver and Biliary Sciences New Dehli, India</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:30 PM	Long-term Risks <i>Kyung-Suk Suh, MD Professor and Chairman, Director of HBP Surgery & Liver Transplantation Seoul National University College of Medicine Seoul, Republic of Korea</i>
3:30 PM – 3:35 PM	Q/A Discussion

Creating New Outcomes in Pancreas/Islet Transplantation

Tracks:

Moderators: Stephen Bartlett, MD, The Peter Angelos Distinguished Professor, Chairman, Department of Surgery, University of Maryland School of Medicine, Baltimore, MD, USA and Thierry Berney, Professor of Surgery, Department of Surgery, Geneva University Hospital, Geneva, Switzerland

2:15 PM – 2:30 PM	Which Graft? Donor Graft Quality Assessment <i>Peter Friend, MD Professor of Transplantation University of Oxford Oxford, United Kingdom</i>
2:30 PM – 2:35 PM	Q/A Discussion
2:35 PM – 2:50 PM	Why We Need a Better Definition of Pancreas Graft Failure <i>Jon Odorico, MD Professor of Surgery University of Wisconsin School of Medicine and Public Health Madison, WI, USA</i>
2:50 PM – 2:55 PM	Q/A Discussion
2:55 PM – 3:10 PM	Cross-Fertilization in Human Islet Auto and Allo-Transplantation <i>Lorenzo Piemonti, MD Diabetes Research Institute San Raffaele Scientific Institute Milan, Italy</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:30 PM	Clinical Lessons From the CITR <i>Bernhard Hering, MD Professor of Surgery of Medicine, Scientific Director University of Minnesota, Schulze Diabetes institute Minneapolis, MN, USA</i>
3:30 PM – 3:35 PM	Q/A Discussion



Monday, July 28, 2014

Keeping Our Waitlisted Patients Alive – Out of the Gate, Hangin' On, Down the Stretch

Tracks:

Moderators: Larry Melton, MD, PhD, Medical Director of Kidney/Pancreas Transplantation, Dallas Nephrology Associates, Baylor Medical Center, Dallas, TX, USA and Susan L. Orloff, MD, Oregon Health Science University, Portland, OR, USA

2:15 PM – 2:40 PM	Management of Infectious Complications in Wait-listed Cirrhotics <i>Deborah Marriott, FRACP FRCPA Professor St. Vincent's Hospital Sydney, Australia</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Management of the Wait-listed ICU Patient <i>Ram Subramanian, MD Assistant Professor of Medicine and Surgery Emory University Decatur, GA, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Management of the Wait-list <i>Russell Wiesner, MD Professor of Medicine Mayo Clinic Rochester, MN, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

Avoiding Antibody Barriers: Kidney Exchange

Tracks:

Moderators: Edward Cole, MD, University of Toronto, University Health Network, Toronto, ON, Canada and Michael Rees, MD, PhD, Professor and Vice Chair of Urology, University of Toledo Medical Center, Toledo, OH, USA

2:15 PM – 2:40 PM	Current Challenges and How We Are Overcoming Them <i>Marry DeKlerk, PhD Erasmus MC Rotterdam / Dutch Transplant Foundation Rotterdam, The Netherlands</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 AM – 3:10 PM	Unique Psychosocial Issues in KPD <i>Rebecca Hays, MSW Living Donor Social Worker and Independent Living Donor Advocate University of Wisconsin Hospital and Clinics Madison, WI, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	A Combined Donor/Coordinator Perspective <i>Janet Hiller, RN, MSN Transplant Coordinator Johns Hopkins University Hospital Parkton, MD, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

Diagnosing Tolerance

Tracks:

Moderators: Minnie Sarwal, MD, PhD, MRCP, Prof., Transplant Nephrology & Pediatrics, Director, Sarwal Lab - BIOMARC Inst., California Pacific Medical Center Research Institute, Portola Valley, CA, USA and Moderator TBD

2:15 PM – 2:40 PM	Regulatory B cells in Tolerance: Are They Important and How Can We Identify Them? <i>David Rothstein, MD Professor of Surgery, Medicine and Immunology Thomas E. Starzl Transplant Institute – University of Pittsburgh Pittsburgh, PA, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion



Monday, July 28, 2014

2:45 AM – 3:10 PM Non-invasive Biomarkers for Tolerance: Weaning the Right Patient
Robert Lechler, KBE, PhD
Professor
Kings College, Guys Hospital
London, United Kingdom

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM Clinical Tolerance: Current Status
Tatsuo Kawai, MD, PhD
A. Benedict Cosimi Associate Professor
Massachusetts General Hospital,
Harvard Medical School
Boston, MA, USA

3:40 PM – 3:45 PM Q/A Discussion

Approaching Transplant in Medically Complex Children: Ethics and Practice

Tracks:

Moderators: Wattana Chartapisak, Assistant Professor, Department of Pediatrics, Division of Nephrology, Chiang Mai University, Chiang Mai, Thailand and Sean Kennedy, Senior Lecturer in Paediatric Nephrology, Sydney Children's Hospital, Sydney, Australia

2:15 PM – 2:40 PM Evaluating the Pediatric Potential Transplant Recipient with Disabilities
Stephen Alexander, MD
Professor
Children's Hospital at Westmead
Westmead, Australia

2:40 PM – 2:45 PM Q/A Discussion

2:45 AM – 3:10 PM Ethical Considerations in Transplant Evaluations for Children With Disabilities
David Magnus, PhD
Thomas A. Raffin Professor of Medicine and Biomedical Ethics and Professor of Pediatrics
Stanford Center for Biomedical Ethics
Stanford, CA, USA

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM Ethics of the Limits of Donor Selection
Speaker TBD

3:40 PM – 3:45 PM Q/A Discussion

Worldwide Transplant Infectious Disease: Donors, Recipients and Crossing Borders

Tracks:

Moderators: Deepali Kumar, MD, MSc, FRCP(C), Associate Professor of Medicine, University Health Network, Toronto, ON, Canada and Roberta Lattes, MD, Assistant Professor of Infectious Disease, University of Buenos Aires, Buenos Aires, Argentina

2:15 PM – 2:40 PM Tropical Disease and Transplant: Lessons from Brazil
Ligia Pierotti
Hospital das Clinicas
University of Sao Paulo
Sao Paulo, Brazil

2:40 PM – 2:45 PM Q/A Discussion

2:45 AM – 3:10 PM Pre-Transplant Donor and Recipient Screening
Peter Chin-Hong, MD
Professor of Medicine
University of California San Francisco
San Francisco, CA, USA

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM Crossing Borders: Infections, Organ Transplantation, Travelers
Ban Hock Tan
Singapore General Hospital
Singapore, China

3:40 PM – 3:45 PM Q/A Discussion



Monday, July 28, 2014

COFFEE BREAK

3:45 PM – 4:00 PM

CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 PM

15. Psychosocial and Ethnic Issues in Organ Transplantation
16. Immunosuppression in Liver Transplantation
17. Ischemia Reperfusion Injury/Organ Preservation I
18. Polyoma/BK Virus Infection
19. Non-Complement Fixing and Non-HLA Antibodies: Impact on Kidney
20. Minimization/Avoidance Protocols in Kidney Transplantation I
21. Medical Complications Post Liver Transplantation I
22. Kidney: Living Donor Follow-up
23. B Cell Responses and Alloantibody Production
24. Regulatory Cells
25. Impact of Antibodies in Heart Transplantation
26. Late Kidney Allograft Failure
27. Immunologic Issues in Deceased Donor Transplantation
28. SPK and Retransplantation

POSTER SESSION II

5:30 PM – 6:30 PM



Tuesday, July 29, 2014

SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

De-Sensitization: Coming of Age

Tracks:

Moderators: Dixon Kaufman, MD, PhD, Ray Owen Professor of Surgery, University of Wisconsin, Madison, WI, USA and Gilles Blanco, MD, PhD, Professor of Medicine, Institute of Transplantation-Urology-Nephrology (ITUN), Nantes, France

7:00 AM – 7:20 AM	Standardized Approach to Determine Who is Sensitized: Report from the Consensus Conference Caner Susal, MD Professor University Hospital of Heidelberg Heidelberg, Germany
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	The Significance of DSA: Who to Transplant? Ty Dunn, MD Assistant Professor University of Minnesota Minneapolis, MN, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Minimizing Risk of Sensitization with Paired Donation Robert Montgomery, MD, DPhil, FACS Professor of Surgery Johns Hopkins University School of Medicine Baltimore, MD, USA
8:10 AM – 8:15 AM	Q/A Discussion

Memory B Cells

Tracks:

Moderators: Shane Grey, PhD, NHMRC Senior Research Fellow, Garvan Institute of Medical Research, Darlinghurst, Australia and Anita Chong, PhD, Professor of Surgery, University of Chicago, Chicago, IL, USA

7:00 AM - 7:20 AM	Memory B Cells and Plasma Cells in Recall Responses Michael McHeyzer-Williams, PhD Professor The Scripps Research Institute La Jolla, CA, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Microenvironments and B Cell Function Jason Cyste Professor University of California San Francisco San Francisco, CA, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Memory Alloreactive B Cells in the Transplantation of Sensitized Patients Roger Sciammas Research Associate University of Chicago Chicago, IL, USA
8:10 AM – 8:15 AM	Q/A Discussion



Tuesday, July 29, 2014

Regenerative Medicine-based Immune-Modulation

Tracks:

Moderators: Ronald Gill, PhD, Professor of Surgery and Immunology, University of Colorado-Denver, Aurora, CO, USA and Giuseppe Orlando, MD, PhD, Assistant Professor, Wake Forest University Baptist Medical Center, Winston-Salem, NC, USA

7:00 AM – 7:20 AM	Regenerative Medicine-Based Immune-Camouflage: The Immunocloaking Technology <i>Lauren Brasile, PhD Breonics, Inc. Albany, NY, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Encapsulation Technology as Paradigm for Bioengineering Xenogeneic Organs to Escape Immunoregulation <i>Pierre Gianello Full Professor Catholic University of Leuven Brussels, Belgium</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Engineered Primary Chimeric Antigen Receptor T-Cells <i>Michael Sadelain, MD, PhD Memorial Sloan-Kettering Cancer Center New York, NY, USA</i>
8:10 AM – 8:15 AM	Q/A Discussion

Clinical Update: Cardiac Allograft Vasculopathy in Heart Transplantation

Tracks:

Moderators: David Nelson, MD, Chief Heart Transplant Medicine, INTEGRIS Baptist Medical Center of Oklahoma, Oklahoma City, OK, USA and Joren Madsen, MD, D. Phil., Professor of Surgery, Massachusetts General Hospital, Boston, MA, USA

7:00 AM – 7:20 AM	CAV and IVUS: Are they Necessary? <i>Randall Starling, MD, MPH Section Chief of Heart Failure and Cardiac Transplant Medicine Cleveland Clinic Cleveland, OH, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	CAV Risk Stratification and the Use of the ISHLT CAV Nomenclature Scale <i>Speaker TBD</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Newer Strategies to Treat CAV <i>Piotr Przybylowski, MD, PhD Associated Professor of Cardiac Surgery and Transplantology Jagiellonian University, Medical College Krakow, Poland</i>
8:10 AM – 8:15 AM	Q/A Discussion



Tuesday, July 29, 2014

Proteomics, Beyond Gene Expression in Transplantation

Tracks:

Moderators: Minnie Sarwal, MD, PhD, MRCP, Prof., Transplant Nephrology & Pediatrics, Director, Sarwal Lab - BIOMARC Inst., California Pacific Medical Center Research Institute, Portola Valley, CA, USA and Peter Nickerson, MD, Professor Internal Medicine and Immunology, University of Manitoba, Winnipeg, MN, Canada

7:00 AM – 7:20 AM	Translational Biomaker Discovery in Clinical Metabolomics <i>David Scott Wishart, PhD Professor Department of Biological Sciences, University of Alberta Edmonton, AB, Canada</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	PROSPECTS ('Proteomics Specification in Time and Space') <i>Brian D. Piening, PhD Post-doctoral Fellow Stanford University Palo Alto, CA, USA</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Urine Proteomics in Kidney Transplant Recipients and BIOMARGIN (BIOMarkers of Renal Graft Injuries in Kidney Allograft Recipients) Research Project <i>Pierre Marquet Director UMR-S850 INSERM/University of Limoges Limoges, France</i>
8:10 AM – 8:15 AM	Q/A Discussion

Chronic Injury and Interstitial Fibrosis

Tracks:

Moderators: Roslyn Mannon, MD, Professor of Medicine and Surgery, University of Alabama Birmingham, Birmingham, AL, USA and Brian Nankivell, MD, Renal Medicine, Westmead Hospital, Westmead, Australia

7:00 AM – 7:20 AM	Genomics of Chronic Allograft Rejection <i>Barbara Murphy, MD Professor of Medicine Mt. Sinai School of Medicine New York, NY, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:50 AM	Integrated View of Microenvironment Molecular Changes That Determine Long-term Graft Survival <i>David Briscoe, MD, MRCP, ASCI Associate Professor Harvard Medical School Children's Hospital Boston, MA, USA</i>
7:50 AM – 7:55 AM	Q/A Discussion
7:55 AM – 8:10 AM	Impact of Early Subclinical Rejection of Development of Chronic Rejection <i>Daniel Seron, MD, PhD Research Fellow, Nephrologist Hospital Universitari Vall d'Hebron, Autonomous University of Barcelona Barcelona, Spain</i>
8:10 AM – 8:15 AM	Q/A Discussion



Tuesday, July 29, 2014

The Impact of Donor-Specific Antibodies in Liver Transplantation

Tracks:

Moderators: Goran Klintmalm, MD, PhD, Chief of Transplant Services, Annette C and Harold C Simmons Transplant Institute, Dallas, TX, USA and Neville Jamieson, Consultant Surgeon, Cambridge University Hospitals, Cambridge, United Kingdom

7:00 AM – 7:15 AM	Lessons Learned From Animal Models <i>Stuart Knechtle, MD</i> <i>Professor of Surgery and Pediatrics</i> <i>Emory University School of Medicine</i> <i>Atlanta, GA, USA</i>
7:15 AM – 7:20 AM	Q/A Discussion
7:20 AM – 7:35 AM	DSA in Liver Transplantation: Definitions, Diagnosis and Treatment <i>Jacqueline O'Leary, MD, MPH</i> <i>Medical Director Inpatient Liver & Transplant Unit</i> <i>Baylor University Medical Center</i> <i>Dallas, TX, USA</i>
7:35 AM – 7:40 AM	Q/A Discussion
7:40 AM – 7:55 AM	DSA in Simultaneous Liver/Kidney Transplantation <i>Allan Kirk, MD, PhD</i> <i>Professor of Surgery and Pediatrics</i> <i>Duke University</i> <i>Durham, NC, USA</i>
7:55 AM – 8:00 AM	Q/A Discussion
8:00 AM – 8:15 AM	Pathologic Manifestations of DSA in Liver Transplant Recipients <i>Anthony Jake Demetris, MD</i> <i>Professor of Pathology</i> <i>UPMC - Montefiore</i> <i>Pittsburgh, PA, USA</i>
8:15 AM – 8:20 AM	Q/A Discussion

Next Generation Pathology: Digital and In Vivo Imaging

Tracks:

Moderators: Alton Brad Farris, MD, Assistant Professor, Emory University Hospital, Atlanta, GA, USA and Michael Mengel, MD, Associate Professor, University of Alberta, Edmonton, AB, Canada

7:00 AM – 7:20 AM	Virtual Cytometry of the Intragraft Infiltrate <i>Kumiko Isse, MD, PhD</i> <i>University of Pittsburgh</i> <i>Department of Pathology</i> <i>Pittsburgh, PA, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Automated Graft Fibrosis Assessment – the Way Towards Standardization <i>Vannary Meas-Yedid</i> <i>Institut Pasteur, Quantitative Image Analysis Unit</i> <i>Bordeaux, France</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	In Vivo Microscopy and its Application to Human Transplants <i>Guillermo J. Tearney, MD, PhD</i> <i>Mike and Sue Hazard Family MGH</i> <i>Research Scholar Professor of Pathology</i> <i>Harvard Medical School</i> <i>Boston, MA, USA</i>
8:10 AM – 8:15 AM	Q/A Discussion



Tuesday, July 29, 2014

Controversies in Deceased Donation

Tracks:

Moderators: Beatriz Dominguez-Gil, MD, PhD, Organizacion Nacional de Trasplantes, Madrid, Spain and Benjamin Hippen, MD, FASN, Clinical Associate Professor of Internal Medicine, UNC School of Medicine, Metrolina Nephrology Associates, P.A. Charlotte, NC, USA

7:00 AM – 7:20 AM	Controversies in Determination of Death and Uncontrolled Cardiac Arrest <i>Maarten Christiaans, MD, PhD Associate Professor Maastricht University Medical Center Maastricht, Limburg, The Netherlands</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Is the Dead Donor Rule Unnecessary for Organ Donation? <i>David Rodriguez-Arias, PhD Institute of Philosophy, Center for Human and Social Sciences of the Spanish National Research Council (CCHS-CSIC) Madrid, Spain</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	DCD: The Conduct of Research in the Deceased <i>John L. R. Forsythe Professor University of Edinburgh Edinburgh, United Kingdom</i>
8:10 AM – 8:15 AM	Q/A Discussion

Transplantation Development Models for Countries Starting off in the Field

Tracks:

Moderators: Akinlolu Ojo, MD, PhD, Professor of Medicine, University of Michigan Medical School, Ann Arbor, MI, USA and Maria Christina Ribeiro de Castro, MD, Associate Professor of Nephrology, University of Sao Paulo, Sao Paulo, Brazil

7:00 AM – 7:20 AM	Report on the Durban 2013 GAT Meeting and the Way Forward for Developing Programs in Africa <i>Elmi Muller, MD University of Cape Town Groote Schuur Hospital Tyger Valley, Cape Town, South Africa</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Outreach and Training in Africa – Does it Work? <i>Dwomoa Adu, MD University of Ghana Medical School Accra, Ghana</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	African Perspective on Starting Transplantation Programs: Nigeria as Model <i>Fatiu Arogundade, MD Associate Professor Obafemi Awolowo University Teaching Hospitals Complex Ile-Ife, Nigeria</i>
8:10 AM – 8:15 AM	Q/A Discussion



Tuesday, July 29, 2014

Helping a Transplant Candidate Pursue LDs

Tracks:

Moderators: Hassan Ibrahim, MD, MS, Professor of Medicine, University of Minnesota Renal Division, Minneapolis, MN, USA and Jonas Wadstrom, MD, PhD, Professor, Karolinska University Hospital, Stockholm, Sweden

7:00 AM – 7:15 AM	Advocacy and Acceptance of Living Donation in Japan <i>Shigeru Satoh, MD, PhD</i> <i>Professor</i> <i>Akita University</i> <i>Akita, Japan</i>
7:15 AM – 7:20 AM	Q/A Discussion
7:20 AM – 7:35 AM	Physician Advocacy for Living Liver Donation <i>Gary Levy, MD</i> <i>Professor of Medicine</i> <i>Toronto General Hospital</i> <i>Toronto, ON, Canada</i>
7:35 AM – 7:40 AM	Q/A Discussion
7:40 AM – 7:55 AM	Live Donation Through Education <i>Amy Waterman, PhD</i> <i>Associate Professor of Medicine</i> <i>University of California Los Angeles</i> <i>Los Angeles, CA, USA</i>
7:55 AM – 8:00 AM	Q/A Discussion
8:00 AM – 8:15 AM	Innovative Approaches to Using the Social Network <i>Andrew Cameron, MD, PhD</i> <i>Associate Professor</i> <i>Johns Hopkins Medical Institute</i> <i>Department of Surgery</i> <i>Baltimore, MD, USA</i>
8:15 AM – 8:20 AM	Q/A Discussion

PLENARY ABSTRACT SESSION

8:30 AM – 9:30 AM

STATE-OF-THE-ART ADDRESS

9:30 AM – 10:00 AM

Alvin E. Roth, PhD
Craig and Susan McCaw Professor of Economics at Stanford University
Gund Professor Emeritus of Economics and Business Administration at Harvard

TTS Presidential Address and Awards

10:00 AM – 11:00 AM

Francis L. Delmonico, MD
TTS President
Massachusetts General Hospital
Boston, MA, USA

COFFEE BREAK

11:00 AM – 11:15 AM

CONCURRENT ABSTRACT SESSIONS

11:15 AM – 12:45 PM

29. Lung Transplant Clinical Issues
30. Hepatocellular Carcinoma and Cholangiocarcinoma Malignancies
31. Recurrent Disease Post Kidney Transplantation
32. Induction Therapy: T and B Cell Depletion Strategies
33. Xenotransplantation: Experimental and Preclinical Studies
34. Challenges and Opportunities in Infectious Diseases
35. Pediatric Liver Transplantation
36. New Onset Diabetes after Kidney Transplantation
37. Immunosuppression Preclinical Studies – Mechanisms of Action I
38. Tolerance/Immune Deviation
39. Insights in Heart Transplant Rejection and Immunosuppression
40. Kidney: Long-term Donor Outcomes
41. Controversies in Kidney Allocation
42. Application of Omics in Transplantation



Tuesday, July 29, 2014

STATE-OF-THE-ART SYMPOSIA

2:15 PM – 3:45 PM

Clinical Trials in Renal Transplantation: What Will the Future Bring?

Tracks:

Moderators: Josep Grinyo, MD, Professor of Medicine, University Hospital of Bellvitge, University of Barcelona, Barcelona, Spain and Jeremy Chapman, MD, FRACP, Westmead Hospital, Division of Medicine and Cancer, Westmead, Australia

2:15 PM – 2:40 PM	Molecular Profiling to Identify Novel Targets for Intervention <i>Philip Halloran, MD Director, Alberta Transplant Applied Genomics Centre University of Alberta Edmonton, AL, Canada</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Surrogate Outcome Parameters in Clinical Trials: Protocol Biopsy vs. Non-Invasive Biomarkers <i>David Rush, MD Professor of Medicine University of Manitoba Winnipeg, MN, Canada</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	CTOT after 10 Years – What Have We Learned? <i>Speaker TBD</i>
3:40 PM – 3:45 PM	Q/A Discussion

Regulatory T-Cells – Bench to Nearly Bedside

Tracks:

Moderators: Bruce Hall, MB, BS, PhD, Professor of Medicine, University of New South Wales, Strathfield, Australia and Qizhi Tang, PhD, Associate Professor, University of California San Francisco, San Francisco, CA, USA

2:15 PM – 2:40 PM	Clinical Translation of T-reg Cell Therapy <i>Jeffrey Bluestone, PhD A.W. and Mary Margaret Clausen Distinguished Professor of Endocrinology University California San Francisco San Francisco, CA, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Do T-regs Have a Role in Chronic Rejection <i>Joost van Meerwijk Professor in Immunology INSERM Toulouse, France</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Manipulating Human Regulatory Cells for the Clinic <i>Edward Geissler, PhD University Hospital Regensburg Experimental Surgery Wenzenbach, Germany</i>
3:40 PM – 3:45 PM	Q/A Discussion



Tuesday, July 29, 2014

End-Point Model Relationships Between Psychosocial Factors and Clinical Outcomes in Solid Organ Transplantation

Tracks:

Moderators: Marcelo Cantarovich, MD, Professor of Medicine, McGill University Health Center, Montreal, Quebec, Canada and Rita Alloway, PharmD, FCCP, Research Professor, University of Cincinnati School of Medicine, Cincinnati, OH, USA

2:15 PM – 2:40 PM	An End-Point Model for Medication Adherence After Transplantation Cynthia Russell, PhD, RN, FAAN Professor University of Missouri Kansas City Kansas City, MO, USA
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	An End-Point Model for Physical Activity Adherence After Transplantation Anja Rossmeisl, MD University of Basel Basel, Switzerland
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	An End-Point Model for Smoking and Alcohol Adherence After Transplantation Nathalie Duerinckx, MSN Master in Science of Nursing University of Leuven Leuven, Belgium
3:40 PM – 3:45 PM	Q/A Discussion

Primary Graft Dysfunction After Heart Transplantation

Tracks:

Moderators: Maryl Johnson, MD, Professor of Medicine, University of Wisconsin, Madison, WI, USA and David Taylor, MD, Professor of Medicine, Cleveland Clinic Foundation, Cleveland, OH, USA

2:15 PM – 2:40 PM	Primary Graft Dysfunction: Definition and Clinical Overview Jon Kobashigawa, MD Director Advanced Heart Disease Section Cedars Sinai Heart Institute Beverly Hills, CA, USA
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Pathogenesis and Risk Factors for Primary Graft Dysfunction Peter S. MacDonald, MD, PhD Professor St. Vincent's Hospital Sydney, Australia
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Prevention and Treatment of Primary Graft Dysfunction Florian Wagner, MD Cardiothoracic Surgeon University Heart Center Hamburg, Eppendorf, Germany
3:40 PM – 3:45 PM	Q/A Discussion

Hepatitis C: New Therapies in the Transplant Setting

Tracks:

Moderators: Geoff McCaughan, MD, PhD, MBBS, Royal Prince Alfred Hospital, Sydney, Australia and Jeffrey Crippin, MD, Marilyn Bornefeld Chair in Gastrointestinal Research and Treatment, Washington University School of Medicine, St. Louis, MO, USA



Tuesday, July 29, 2014

2:15 PM – 2:40 PM	Drug Interactions Pre- and Post-Liver Transplantation <i>Michael Charlton, MD</i> <i>Director of Hepatology and Liver Transplantation</i> <i>Intermountain Medical Center</i> <i>Murray, UT, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Interferon Free Antiviral Therapy in Waiting List Patients <i>Gregory Everson, MD</i> <i>Professor of Medicine</i> <i>University of Colorado Health Science Center</i> <i>Aurora, CO, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Outcomes for Triple Antiviral Therapy Post Transplant <i>James Trotter, MD</i> <i>Medical Director of Liver</i> <i>Baylor University Medical Center</i> <i>Dallas, TX, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

2:35 PM – 2:50 PM	The Obese Liver Recipient – Problems and Solutions <i>Julie Heimbach, MD</i> <i>Associate Professor of Surgery</i> <i>The Mayo Clinic</i> <i>Rochester, MN, USA</i>
2:50 PM – 2:55 PM	Q/A Discussion
2:55 PM – 3:10 PM	The Obese Kidney Recipient – Problems and Solutions <i>Gabriel Oniscu, MD, MB, CHb, FRCS</i> <i>Consultant Transplant Surgeon and Honorary Clinical Senior Lecturer</i> <i>University of Edinburgh</i> <i>Edinburgh, Scotland, United Kingdom</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:30 PM	The Obese Living Liver Donor – Alternative Approach <i>Akihiko Oshita, MD, PhD</i> <i>Assistant Professor</i> <i>Hiroshima University</i> <i>Rochester, MN</i>
3:30 PM – 3:45 PM	Q/A Discussion

Transplant Surgery and Coping With Obesity

Tracks:

Moderators: Richard Allen, Professor, Royal Prince Alfred Hospital, Sydney, Australia and Andrew Posselt, MD, PhD, Associate Professor of Surgery, University of California San Francisco, San Francisco, CA, USA

2:15 PM – 2:30 PM	The Effect of the Recipient and Donor BMI on Graft Function <i>Robert Oellinger</i> <i>University Professor</i> <i>Medical University Innsbruck</i> <i>Innsbruck, Austria</i>
2:30 PM – 2:35 PM	Q/A Discussion

Donation After Circulatory Death

Tracks:

Moderators: James S. Allan, MD, Asst. Professor of Surgery, Massachusetts General Hospital, Boston, MA, USA and John Friedewald, MD, Assistant Professor of Medicine and Surgery, Northwestern University, Chicago, IL, USA

2:15 PM – 2:30 PM	Donation After Brain Circulatory Death in China (DBCD) <i>Haibo Wang, MD</i> <i>University of Hong Kong</i> <i>Hong Kong, China</i>
2:30 PM – 2:35 PM	Q/A Discussion



Tuesday, July 29, 2014

2:35 PM – 2:50 PM	Uncontrolled DCD Under Controlled Circumstances in St. Petersburg, Russia <i>Oleg Reznik, MD, PhD</i> <i>First St. Petersburg Medical University</i> <i>St. Petersburg, Russian Federation</i>
2:50 PM – 2:55 PM	Q/A Discussion
2:55 PM – 3:10 PM	Making DCD Happen: European Recommendations About Donation <i>Beatriz Dominguez-Gil, MD, PhD</i> <i>Organizacion Nacional de Trasplantes</i> <i>Madrid, Spain</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:30 PM	Making Deceased Donation Happen <i>Jongwon Ha, MD, PhD</i> <i>Professor</i> <i>Seoul National University College of Medicine</i> <i>Seoul, Republic of Korea</i>
3:30 PM – 3:45 PM	Q/A Discussion

Diagnostic Commonalities of Antibody-mediated Rejection in Solid Organ Transplants

Tracks:

Moderators: Aruna Vanikar, MD, Professor and Head, G.R. Doshi & K.M. Mehta Institute of Kidney Diseases and Research Centre (IKDRC), Ahmedabad, India and Denis Glotz, MD, PhD, Professor, Hopital St. Louis, Paris, France

2:15 PM – 2:40 PM	Pathology of Antibody-mediated Tissue Injury <i>Lorraine Racusen, MD</i> <i>Professor of Pathology</i> <i>Johns Hopkins University</i> <i>Baltimore, MD, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion

2:45 PM – 3:10 PM	Molecular Correlates of Antibody-Mediated Tissue Injury <i>Banu Sis, MD</i> <i>Associate Professor</i> <i>University of Alberta</i> <i>Edmonton, AB, Canada</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	NK Cells in AMR: Diagnostic, Prognostic, and Therapeutic Implications <i>Joren Madsen, MD, DPhil</i> <i>Professor of Surgery</i> <i>Massachusetts General Hospital</i> <i>Boston, MA</i>
3:40 PM – 3:45 PM	Q/A Discussion

Organ Perfusion and Preservation Strategies

Tracks:

Moderators: Kim Olthoff, Donald Guthrie Professor of Surgery, University of Pennsylvania, Philadelphia, PA, USA and Stefan G. Tullius, MD, PhD, FACS, Chief, Division of Transplant Surgery; Professor of Surgery, Brigham & Women's Hospital, and Harvard Medical School Boston, MA, USA

2:15 PM – 2:40 PM	Endothelial and Epithelial Protection Through Pulsatile Perfusion <i>Guillermo Garcia-Cardena</i> <i>Associate Professor of Pathology</i> <i>Harvard Medical School</i> <i>Boston, MA, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	The Potential of Normothermic Perfusion for Organ Protection and Repair <i>Shaf Keshavjee, MD</i> <i>Professor of Thoracic Surgery</i> <i>University of Toronto</i> <i>Toronto, ON, Canada</i>
3:10 PM – 3:15 PM	Q/A Discussion



Tuesday, July 29, 2014

3:15 PM – 3:40 PM Ex-Vivo Perfusion of Abdominal Organs
Ina Jochmans, MD, PhD
Assistant Professor
University Hospitals Leuven
Leuven, Belgium

3:40 PM – 3:45 PM Q/A Discussion

The Maturing Immune System in Children After Transplant: Addressing the Issues of Immunity, Vaccination and Therapeutics

Tracks:

Moderators: Anette Melk, MD, PhD, Professor of Pediatrics, Hannover Medical School, Hannover, Lower Saxony, Germany and David Briscoe, MD, MRCP, ASCI, Associate Professor Harvard Medical School, Children's Hospital Boston, Boston, MA, USA

2:15 PM – 2:40 PM Biomarker Development and Use for Pediatric Transplant Recipients
David Briscoe, MD, MRCP, ASCI
Associate Professor Harvard Medical School
Children's Hospital
Boston, MA, USA

2:40 PM – 2:45 PM Q/A Discussion

2:45 PM – 3:10 PM Vaccines After Transplant in Kids – How to Develop Protective Immunity While Suppressing Immunity
Sandra Burchett, MD, MSc
Children's Hospital, Harvard Medical School
Boston, MA, USA

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM Child-Specific Immune Assessment and Therapeutics
Stephen Alexander, MD
Professor
Children's Hospital at Westmead
Westmead, Australia

3:40 PM – 3:45 PM Q/A Discussion

Risky Organs: Transplantation of Organs From Infected or Potentially Infected Donors

Tracks:

Moderators: Hans Hirsch, MD, MSc, Professor, University of Basel, Department Biomedicine, Basel, Switzerland and Michael Ison, MD, MS, Northwestern University, Chicago, IL, USA

2:15 PM – 2:40 PM Risk of Disease Transmission: Things We Know
Atul Humar, MD
Professor, Department of Medicine
University of Toronto
Toronto, ON, Canada

2:40 PM – 2:45 PM Q/A Discussion

2:45 PM – 3:10 PM Emerging Infections: The Risk and Awareness of Transmission in Transplantation
Jay Alan Fishman, MD
Professor of Medicine
Massachusetts General Hospital,
Harvard Medical School
Boston, MA, USA

3:10 PM – 3:15 PM Q/A Discussion

3:15 PM – 3:40 PM How Good Are We at Communicating Risk of Disease Transmission?
Tim L. Pruett, MD
Professor of Surgery
University of Minnesota
Minneapolis, MN, USA

3:40 PM – 3:45 PM Q/A Discussion



Tuesday, July 29, 2014

Removing Disincentives for Living-related Organ Donation – A Panel Discussion

Moderators: *Mitra Mahdavi-Mazdeh, MD, Director of Iranian Tissue Bank Research & Preparation Center, Tehran University of Medical Sciences, Tehran, Iran and John Gill, MD, MS, Associate Professor of Medicine, University of British Columbia, Vancouver, BC, Canada*

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|-------------------|---|
| 2:15 PM – 2:20 PM | The US Living Donor Expenses Scheme
<i>Robert M. Merion, MD</i>
<i>Professor of Surgery,</i>
<i>University of Michigan</i>
<i>President, Arbor Research</i>
<i>Collaborative for Health</i>
<i>Ann Arbor, MI, USA</i> |
| 2:20 PM – 2:25 PM | The Australian Living Donor Employer Reimbursement Scheme
<i>Neil Boudville, MBBS</i>
<i>Professor</i>
<i>University of Western Australia</i>
<i>Nedlands, Australia</i> |
| 2:25 PM – 2:30 PM | Living Donor Reimbursements in the Middle East
<i>Faissal Shaheen</i>
<i>Saudi Center for Organ Transplantation</i>
<i>Riyadh, Saudi Arabia</i> |
| 2:30 PM – 2:35 PM | Current State of Living Donor Incentives and Disincentives in Latin America
<i>Rudolf Garcia-Gallont, MD, FEBS</i>
<i>Hospital General San Juan de Dios</i>
<i>Guatemala City, Guatemala</i> |
| 2:35 PM – 2:40 PM | Living Donor Incentives and Disincentives in India
<i>Sunil Shroff, MD</i>
<i>Professor and HOC Urology & Renal Transplantation</i>
<i>Sri Ramachandra Medical College & Research Centre</i>
<i>Chennai, India</i> |

2:40 PM – 2:45 PM

Current State of Living Donor Reimbursement in Europe
Michael Adrian Bos, MD, MA Soc
Health Council of the Netherlands
(retired)
Engwierum, The Netherlands

2:45 PM – 3:45 PM

Open Panel Discussion of the Most Effective Strategies Globally to Remove Disincentives for Living Kidney Donation

COFFEE BREAK

3:45 PM – 4:00 PM

CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 PM

43. Small Bowel Multivisceral Transplantation
44. Living Donors and Partial Grafts in Liver Transplantation
45. Clinical Transplantation in Developing Countries
46. Desensitization Protocols in Kidney Transplantation
47. Ischemia Reperfusion Injury and Organ Preservation II
48. Infectious Complications Post Kidney Transplantation
49. Medical Complications Post Liver Transplantation II
50. Biomarkers and Immune Monitoring
51. Acute Kidney Injury
52. Lymphocyte Biology: Signaling and Co-Stimulation
53. Novel Outcomes in Heart Transplantation
54. Cardiovascular Complications After Kidney Transplantation I
55. Public Policy and Regulatory Oversight I
56. Lymphocyte Biology: Signaling and Co-Stimulation

POSTER SESSION III

5:30 PM – 6:30 PM



Wednesday, July 30, 2014

SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

Finding Solutions to Improving Long-term Outcome

Tracks:

Moderators: Vivekanand Jha, MD, PhD, Professor of Medicine, Postgraduate Medical Institute, Chandigarh, India and Helio Tedesco-Silva, Assistant Professor, Hospital do Rim, Federal University of São Paulo, Sao Paulo, Brazil

7:00 AM – 7:20 AM	Pathology of Long-term Graft Loss <i>Bruce Kaplan, MD</i> Professor of Medicine, Molecular Genetics, and Immunology Kansas University Medical Center Kansas City, KS, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Causes of Graft Loss After Long-term Graft Survival <i>Donald Hricik, MD</i> Professor of Medicine Case Western Reserve University Cleveland, OH, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	What Interventions Work Late After Transplant <i>Klemens Budde, MD, PhD</i> Department of Nephrology Charité Universitätsmedizin Berlin Berlin, Germany
8:10 AM – 8:15 AM	Q/A Discussion

Regulated Necrosis and New Forms of Death: Potential Targets to Alter Inflammation

Moderators: Jonathan Maltzman, MD, PhD, Assistant Professor, University of Pennsylvania, Renal, Electrolyte and Hypertension Division, Philadelphia, PA, USA and Carla Baan, PhD, Erasmus Medical Center, Rotterdam, The Netherlands

7:00 AM – 7:20 AM

Overview of Current Basic Concepts in Cell Death/Inflammation
Douglas Green, PhD
Peter C. Doherty Endowed Chair of Immunology
St. Jude's Children's Research Hospital
Memphis, TN, USA

7:20 AM – 7:25 AM

Q/A Discussion

7:25 AM – 7:45 AM

Effect of Altering Donor Organ Apoptosis and Necroptosis in Transplantation
Anthony Jevnikar, MD
Professor of Medicine, Surgery, Immunology
London Health Sciences Center, University Hospital
London, ON, Canada

7:45 AM – 7:50 AM

Q/A Discussion

7:50 AM – 8:10 AM

Therapeutic Interventions in Necroptosis: Changing the Paradigms in the Regulation of Cell Death in the Clinic
Andreas Linkermann
Clinic for Nephrology and Hypertension
Christian-Albrechts University
Kiel, Germany

8:10 AM – 8:15 AM

Q/A Discussion

Senescence of Transplanted Organs

Tracks:

Moderators: Daniel Goldstein, MD, Professor, Yale University, Woodbridge, CT, USA and Xian Li, MD, PhD, Houston Methodist Hospital, The Methodist Hospital Research Institute, Houston, TX, USA

7:00 AM – 7:20 AM

Aging and Organ Repair Capacities
Roland Schmitt, MD
Department of Nephrology
Hannover Medical School
Hannover, Germany

7:20 AM – 7:25 AM

Q/A Discussion



Wednesday, July 30, 2014

7:25 AM – 7:45 AM	The Interplay of Telomeres, p53 and Mitochondria in Organ Aging <i>Ergun Sahin, MD, PhD</i> Assistant Professor Huffington Center on Aging, Baylor College of Medicine Houston, TX, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Organ Age Determines Immune Responses: Mechanisms and Clinical Consequences <i>Stefan G. Tullius, MD, PhD, FACS</i> Chief Division of Transplant Surgery Professor of Surgery Brigham & Women's Hospital Harvard Medical School Boston, MA, USA
8:10 AM – 8:15 AM	Q/A Discussion

What's New in Pediatric Cardiothoracic Transplantation?

Tracks:

Moderators: Anne Dipchand, MD, FRCPC, Head Heart Transplant Program, The Hospital of Sick Children, Toronto, ON, Canada and Christian Benden, MD, Director of Pediatric and Adult Lung Transplant Program, University Hospital Zurich, Zurich, Switzerland

7:00 AM – 7:20 AM	Impact of VAD Technology on Pre and Post HTx Outcomes <i>Vaughan Carter, PhD, FRCPath</i> Consultant Clinical Scientist National Health Service Blood And Transplant, Newcastle upon Tyne, United Kingdom
7:20 AM – 7:25 AM	Q/A Discussion

7:25 AM – 7:45 AM	Sensitization and AMR in Pediatric Heart Transplant <i>Steven Webber, MBChB, MRCP</i> Professor and Chair Department of Pediatrics Office of the Chairman at Vanderbilt Nashville, TN, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Lung Transplantation – Pushing the Limits – Mechanical Support and Sensitized Patients <i>Samuel B. Goldfarb, MD</i> Medical Director of the Lung and Heart/Lung Transplant Programs Children's Hospital of Philadelphia Philadelphia, PA, USA
8:10 AM – 8:15 AM	Q/A Discussion

Trialing for Tolerance

Tracks:

Moderators: Laurence Turka, MD, Harold and Ellen Danser Professor of Surgery, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA and Kenneth Newell, MD, PhD, Professor of Surgery, Emory University School of Medicine, Atlanta, GA, USA

7:00 AM – 7:20 AM	BioDRiM: Personalized Minimization of Immunosuppression After Solid Organ Transplantation by BIOmarker-Driven Stratification of Patients to Improve Long-term Outcomes and Healthy Economic Data of Transplantation <i>Petra Reinke, MD</i> Professor, Dr. of Medicine Charité-Universitätsmedizin Berlin Berlin, Germany
7:20 AM – 7:25 AM	Q/A Discussion



Wednesday, July 30, 2014

7:25 AM – 7:45 AM The Use of Tolerant Signatures to Guide Clinical Management
Maria Hernandez-Fuentes, MD, PhD
Senior Lecturer in Translational Research
Kings College London
London, United Kingdom

7:45 AM – 7:50 AM Q/A Discussion

7:50 AM – 8:10 AM Biomarker Signatures for Better Management of Heart Transplant Patients
Bruce McManus, MD, PhD, FRSC
Professor, Department of Pathology and Laboratory Medicine, UBC
Centre of Excellence for Prevention of Organ Failure (PROOF Centre)
St. Paul's Hospital, University of British Columbia
Vancouver, BC, Canada

8:10 AM – 8:15 AM Q/A Discussion

Segmental (Living Donor/Split) Liver Transplantation: Variable Recipient Factors

Tracks:

Moderators: Charles Miller, MD, Surgical Program Director, Liver Transplantation, Cleveland Clinic Foundation, Cleveland, OH, USA and Bijan Eghtesad, MD, Professor of Surgery, Cleveland Clinic Foundation, Cleveland, OH, USA

7:00 AM – 7:20 AM Systemic Hemodynamics and Hepatic Blood Flow - Are They Important?
Jean Emond, MD
Director of Transplantation
Columbia University Medical Center
Surgery
New York, NY, USA

7:20 AM – 7:25 AM Q/A Discussion

7:25 AM – 7:45 AM Portosystemic Connections (shunts) and Manipulations: 1) Splenectomy and Spenic Artery Ligation; 2) Preformed Shunt Ligation or New Shunt Creation
Koji Hashimoto, MD

Assistant Professor of Surgery
Cleveland Clinic Foundation
Cleveland, OH, USA

7:45 AM – 7:50 AM Q/A Discussion

7:50 AM – 8:10 AM Should the Left Lobe Take Over the Right Lobe?
John Roberts, MD
Professor of Surgery
University of California San Francisco
San Francisco, CA, USA

8:10 AM – 8:15 AM Q/A Discussion

Mechanisms of Allograft Injury in VCA

Tracks:

Moderators: Jean Kaniakakis, Hospices Civils de Lyon, University of Lyon, Lyon, France and Linda Cendales, MD, Assistant Professor of Surgery, Emory University School of Medicine, Atlanta, GA, USA

7:00 AM – 7:20 AM Acute Allograft Rejection in VCA
Xin Xiao Zheng, MD
Distinguished Professor, Associate Director
Tongji University, Shanghai East Hospital
Shanghai, China

7:20 AM – 7:25 AM Q/A Discussion

7:25 AM – 7:45 AM Chronic Allograft Rejection in VCA
Anthony Jake Demetris, MD
Professor of Pathology
UPMC - Montefiore
Pittsburgh, PA, USA

7:45 AM – 7:50 AM Q/A Discussion

7:50 AM – 8:10 AM Basic, Translational and Clinical Research in VCA: What are the Goals?
Rolf Barth
Associate Professor
University of Maryland School of Medicine
Baltimore, MD, USA

8:10 AM – 8:15 AM Q/A Discussion



Wednesday, July 30, 2014

Challenges in Solid Organ Transplant in HIV Patients

Tracks:

Moderators: Teresa DeMarco, MD, University of California San Francisco, San Francisco, CA, USA and Michael Wong, MD, Associate Professor of Medicine, Beth Israel Deaconess Hospital, Boston, MA, USA

7:00 AM – 7:20 AM	An Overview of Rejection and the Role of Cross-Reactive T-Cells in HIV Positive <i>Peter Stock, MD University of California San Francisco San Francisco, CA, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Challenges in Controlling HIV Recurrence and the Impact of New Antivirals in Co-Infected Patients with Hepatitis C <i>Didier Samuel, MD, PhD Hospital Paul Brousse Villejuif, France</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	HIV Positive to Positive Transplantation – An Update <i>Elmi Muller, MB, ChB Groote Schuur Hospital, University of Cape Town Tyger Valley, Cape Town, South Africa</i>
8:10 AM – 8:15 AM	Q/A Discussion

Making Deceased Donation Happen: An Overview of New National Programs

Tracks:

Moderators: Marwan Abouljoud, MD, Benson Ford Chair Transplant and Hepatobiliary Surgery, Henry Ford Health System, Detroit, MI, USA and Eytan Mor, Professor, Clalit Medical Insurance, Rabin Medical Center, Petah-Tikva, Israel

7:00 AM – 7:20 AM	Iran <i>Katayoun Najafizadeh Associated Professor of Pulmonology of Shahid Beheshti Medical University Transplant Unit, Masih Daneshvari Hospital Tehran, Iran</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Rio de Janeiro <i>Eduardo Rocha Associate Professor of Nephrology Universidade Federal Do Rio De Janeiro Rio de Janeiro, Brazil</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Education and Cooperation in Developing Countries: Trinidad and Tobago, Lebanon, Thailand, Slovenia, Qatar and India <i>Marti Manyalich-Vidal, MD, PhD Hospital Clinic de Barcelona/ Universitat de Barcelona Barcelona, Spain</i>
8:10 AM – 8:15 AM	Q/A Discussion



Wednesday, July 30, 2014

What to Expect Down the Road: Best Practice in the Management of Chronic Care Issues Post-Transplant

Tracks:

Moderators: Lisa Coscia, RN, BSN, CCTC, Senior Pregnancy Registry Research Coordinator, National Transplantation Pregnancy Registry, Philadelphia, PA, USA and Jenny Wichart, BSc, Pharm, ACPR, Pharmacy Clinical Practice Leader, Alberta Children's Hospital (Pharmacy Department), Calgary, AB, Canada

7:00 AM – 7:20 AM	Cancer After Solid Organ Transplantation: Risks and Realities <i>Claire M. Vajdic, PhD</i> Team Leader Lowy Cancer Research Centre/ University of New South Wales Sydney, Australia
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Hypertension, Hyperglycemia and Metabolic Syndrome: Best Practice Management for Common Co-Morbidities Post-Transplant <i>Kymberly Watt, MD</i> Associate Professor of Medicine, Medical Director of Liver Transplant Mayo Clinic Rochester, MN, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Minimizing Exposure Risks in Global Travel: What to Get Before You Go <i>Deepali Kumar, MD, MSC, FRCP(C)</i> Associate Professor of Medicine University Health Network Toronto, ON, Canada
8:10 AM – 8:15 AM	Q/A Discussion

Clinical Approach in Lung AMR

Tracks:

Moderators: Jason Christie, MD, Associate Professor of Medicine and Epidemiology, University of Pennsylvania Medical Center, Philadelphia, PA, USA and Dolly Tyan, PhD, Professor of Pathology, Stanford University, Palo Alto, CA, USA

7:00 AM – 7:20 AM	Diagnostic Evaluation and Monitoring of DSA After Lung Transplantation <i>Nancy Reinsmoen, PhD</i> Professor and Director of HLA Laboratory Cedars Sinai Medical Center Los Angeles, CA, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	The Spectrum of Pathological Changes of AMR Post Lung Transplantation: Where are we in 2014? <i>Desley Neil, B Med Sc, MBBS, PhD, FRCPATH</i> Histopathology Consultant University Hospitals Birmingham, NHS/Queen Elizabeth Hospital Edgbaston, Birmingham, United Kingdom
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Clinical Relevance of AMR After Lung Transplantation <i>Deborah Levine, MD</i> Assistant Professor of Medicine University of Texas at San Antonio San Antonio, TX, USA
8:10 AM – 8:15 AM	Q/A Discussion



Wednesday, July 30, 2014

PLENARY ABSTRACT SESSION

8:30 AM – 9:30 AM

STATE-OF-THE-ART ADDRESS

9:30 AM – 10:00 AM

*Shinya Yamanaka, MD, PhD
Director of the Center for iPS Cell
Research and Application (CiRA)
Kyoto University
Kyoto, Japan*

AST Presidential Address and Awards

10:00 AM – 11:00 AM

*Daniel R. Salomon, MD
AST President
Scripps Research Institute
San Diego, CA, USA*

COFFEE BREAK

11:00 AM – 11:15 AM

CONCURRENT ABSTRACT SESSIONS

11:15 AM – 12:45 PM

57. Clinical Issues Pre and Post Lung Transplantation
58. Renal Complications Following Liver Transplantation
59. Outsmarting CMV: New Tools and Mechanisms
60. Novel Immunosuppressants in Kidney Transplantation
61. Update in Histocompatibility and Immunogenics
62. Minimization/Avoidance Protocols in Kidney Transplantation II
63. Ischemia Reperfusion Injury, HLA, Sensitization in Liver Transplantation
64. Metabolic Disorders in Kidney Transplantation
65. Immunosuppression Preclinical Studies: Mechanisms of Action II
66. Lymphocyte Biology: Regulation
67. Pediatric Kidney Transplants and Observational Studies
68. Kidney Complications: Sensitization
69. Ischemia Reperfusion Injury: Kidney and Heart
70. Pancreas: Preservation and Monitoring

STATE-OF-THE-ART SYMPOSIA

2:15 PM – 3:45 PM

Understanding Antibody-Mediated Kidney Injury

Tracks:

*Moderators: Peter Nickerson, MD, Professor Internal Medicine and Immunology, University of Manitoba, Winnipeg, MB, Canada and
E. Steve Woodle, MD, Professor, Director of Transplant Surgery,
University of Cincinnati College of Medicine, Cincinnati, OH, USA*

2:15 PM – 2:40 PM

*Role of Non-HLA Antibody in Graft Injury
Duska Dragun
Professor of Medicine
Department of Nephrology and
Intensive Care Medicine, Charité –
Berlin
Berlin, Germany*

2:40 PM – 2:45 PM

Q/A Discussion

2:45 PM – 3:10 PM

*Are Antibodies Really the Culprit?
Anthony Dorling, PhD, FRCP
Professor of Transplant
Inflammation and Repair
Kings College
London, United Kingdom*

3:10 PM – 3:15 PM

Q/A Discussion

3:15 PM – 3:40 PM

*Evolving Therapies for Antibody-Mediated Injury
Christophe Legendre, MD
Université Paris Descartes
Hopital Necker
Paris, France*

3:40 PM – 3:45 PM

Q/A Discussion



Wednesday, July 30, 2014

Future Treatments for End Stage Lung Disease: What Will We Be Offering Our Patients in 10 Years? The Ten-year Horizon in Lung Replacement Therapy

Tracks:

Moderators: Richard Pierson, III, MD, Senior Associate Dean and Professor of Surgery, University of Maryland, Baltimore, MD and John Dark, FRCS, Professor of Cardiothoracic Surgery, Freeman Hospital, University of Newcastle, Newcastle, United Kingdom

2:15 PM – 2:40 PM	What is the Real, Full Potential from Cadaveric Lungs? <i>Glen Westall, MD Transplant Pulmonologist Alfred Hospital Melbourne, Australia</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Man-Engineered Solutions – How Near, How Far? <i>Robert Bartlett, MD Professor of Surgery, Emeritus University of Michigan Ann Arbor, MI, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM - 3:40 PM	Regeneration or Xeno? <i>Duane Davis, MD Professor of Surgery, Director of Transplantation Duke University Medical Center Durham, NC, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

Sepsis in Solid Organ Transplantation

Tracks:

Moderators: Sharon Chen, MD, Instructor, Stanford University School of Medicine, Stanford, CA, USA and Jordi Carratala, MD, PhD, Professor of Medicine Hospital de Bellvitge, University of Barcelona, Barcelona, Spain

2:15 PM – 2:40 PM	The Unique Biology of Sepsis in the Immunosuppressed Host <i>Steven M. Opal, MD Alpert Medical School of Brown University Memorial Hospital of Rhode Island Providence, RI, USA</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	The 2013 “Surviving Sepsis” Guidelines – Are They Relevant in Transplantation? <i>Camille Kotton, MD Associate Professor, Harvard Medical School Clinical Director, Transplant Infectious Disease Massachusetts General Hospital Boston, MA, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM - 3:40 PM	Antimicrobial Pharmacokinetics to Optimize the Treatment of Sepsis <i>Jason A. Roberts, BPharm(Hons), PhD NHMRC Research Fellow University of Queensland Brisbane, Australia</i>
3:40 PM – 3:45 PM	Q/A Discussion



Wednesday, July 30, 2014

Hepatocellular Carcinoma at the Molecular Level

Tracks:

Moderators: Pierre Clavien, MD, PhD, Professor and Chairman, University Hospital Zurich, Zurich, Switzerland and Myron Schwartz, Mount Sinai Medical School, New York, NY, USA

2:15 PM – 2:40 PM	Gene Expression Profiles Associated With Progression of HCC <i>Xin Wei Wang, PhD</i> Head, Liver Carcinogenesis Section National Cancer Institute Bethesda, MD, USA
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Pathways of Carcinogenesis in HCC <i>Jessica Zucman-Rossi</i> Head of Department Université Paris Descartes Paris, France
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM - 3:40 PM	HCC and Carcinogenesis <i>Peter Schirmacher, MD</i> Institute of Pathology University Hospital Heidelberg, Germany
3:40 PM – 3:45 PM	Q/A Discussion

VCA: Management and Monitoring

Tracks:

Moderators: Vijay Gorantla, MD, Associate Professor of Surgery, Administrative Medical Director VCA Program, University of Pittsburgh Medical Center, Pittsburgh, PA, USA and Palmina Petruzzo, Hospital Herroud Herriott, Lyon, France

2:15 PM – 2:40 PM

Short- and Long-term Outcomes in VCA
L. Scott Levin, MD
Paul D. Magnuson Professor of Bone and Surgery
Hospital of University of Pennsylvania
Philadelphia, PA, USA

2:40 PM – 2:45 PM

Q/A Discussion

2:45 PM – 3:10 PM

Immunological Challenges in VCA
Emmanuel Morelon
Professor of Nephrology
Hospices Civils de Lyon, Université Claude Bernard Lyon 1
Lyon, France

3:10 PM – 3:15 PM

Q/A Discussion

3:15 PM - 3:40 PM

Immunosuppression Regimens in VCA: Are They Different From Other Organ Transplants?
Gerald Brandacher, MD
Scientific Director Reconstructive Transplantation Program
Johns Hopkins University School of Medicine
Baltimore, MD, USA

3:40 PM – 3:45 PM

Q/A Discussion

Maximizing Deceased Donation and Increasing the Donor Pool in Developing Countries

Tracks:

Moderators: Vivekanand Jha, MD, PhD, Professor of Nephrology, Postgraduate Medical Institute, Chandigarh, India and Gurch Randhawa, Professor of Diversity on Public Health & Director, Institute for Health Research, University of Bedfordshire, Putteridge Bury Campus, Luton, United Kingdom

2:15 PM – 2:40 PM

Improving Deceased Donation in India – Challenges and Solutions
Sunil Shroff
Prof and HOC Urology & Renal Transplantation
Sri Ramachandra Medical College & Research Centre
Chennai, India



Wednesday, July 30, 2014

2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Does Race, Religion and Socio-Economic Factors Still Play a Role – South Africa as a Model for the Developing World <i>Fiona McCurdie, BSc</i> <i>University of Cape Town</i> <i>Groote Schuur Hospital</i> <i>Cape Town, South Africa</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Donation After Cardiac Death ? A Way Forward for Developing Countries? <i>Marti Manyalich, MD, PhD</i> <i>Hospital Clinic de Barcelona/</i> <i>Universitat de Barcelona</i> <i>Barcelona, Spain</i>
3:40 PM – 3:45 PM	Q/A Discussion

New Targets for Immune Intervention in Organ Xenotransplantation

Tracks:

Moderators: Chris Burlak, PhD, Assistant Professor, Indiana University School of Medicine, Indianapolis, IN, USA and Mauro S. Sandrin, Professor, University of Melbourne, Heidelberg, Australia

2:15 PM – 2:35 PM	Identification of New Carbohydrate and Membrane Protein Antigens in Xenotransplantation <i>Christopher G.A. McGregor, MB, FRCS, MD(Hons)</i> <i>Professor of Medicine</i> <i>Mayo Clinic</i> <i>London, United Kingdom</i>
2:35 PM – 2:40 PM	Q/A Discussion

2:40 PM – 3:00 PM	Controlling Anti-Carbohydrate Antibody Responses in Xenotransplantation <i>Hideki Ohdan, MD, PhD</i> <i>Gastroenterological & Transplant Surgery</i> <i>Hiroshima University</i> <i>Hiroshima, Japan</i>
3:00 PM – 3:05 PM	Q/A Discussion
3:05 PM – 3:25 PM	Targeting B-Cells for Extension of GTKO Pig Heart Xenograft Survival in Baboons <i>Muhammad M. Mohiuddin, MD</i> <i>Chief, Transplantation Section</i> <i>SRP / NHLBI / National Institutes of Health</i> <i>Bethesda, MD, USA</i>
3:25 PM – 3:30 PM	Q/A Discussion
3:30 PM – 3:50 PM	Inducing T- and B-Cell Tolerance to Pig Xenoantigens <i>Megan Sykes, MD</i> <i>Michael J. Friedlander Professor of Medicine and Professor of Microbiology & Immunology</i> <i>Columbia University Medical Center</i> <i>New York, NY, USA</i>

3:50 PM – 3:55 PM Q/A Discussion

Organ Bioengineering and Regeneration as the New Holy Grail for Organ Transplantation

Tracks:

Moderators: Pierre De Laere, Professor of ENT Head and Neck Surgery, UZ Leuven, Leuven, Belgium and Toshiharu Shinoka, Professor, Department of Surgery, Ohio State University, Nationwide Children's, Columbus, OH, USA

2:15 PM – 2:30 PM	Organ Bioengineering and Regeneration as the New Holy Grail for Organ Transplantation <i>Giuseppe Orlando, MD, PhD</i> <i>Assistant Professor</i> <i>Wake Forest University Baptist Medical Center</i> <i>Winston Salem, NC, USA</i>
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Wednesday, July 30, 2014

2:30 PM – 2:45 PM Developing Replacement Abdominal Organs
Jason Wertheim, MD, PhD
Assistant Professor
Northwestern University
Chicago, IL, USA

2:45 PM - 3:00 PM How Regenerative Medicine Will Change the Face of Thoracic Allogeneic Stem Cells
Eduardo Marban, MD, PhD
Director, Cedars-Sinai Heart Institute
Cedars-Sinai Heart Institute
Los Angeles, CA, USA

3:00 PM - 3:15 PM Strategies to Engineer and Regenerate Kidneys
William Fissell, MD
Associate Professor
Vanderbilt University School of Medicine
Nashville, TN, USA

3:15 PM - 3:30 PM Experimental Transplantation of Bioengineered Livers
Korkut Uygun, MD
Assistant Professor of Surgery
Massachusetts General Hospital
Harvard University
Boston, MA, USA

3:30 PM – 3:45 PM Q/A Discussion

ABO-Incompatible Transplantation – Is It Time?

Tracks:

Moderators: *Kate Wyburn, Professor, Royal Prince Alfred Hospital, Sydney, Australia* and *Andrew Singer, MD, PhD, Assistant Professor of Surgery, Johns Hopkins Hospital, Baltimore, MD, USA*

2:15 PM – 2:35 PM Immunobiology of ABO Carbohydrate Antigens and Antibodies: Redefining the Role of T-Cells in “T-independent” Immune Responses
Vaughan Carter, PhD, FRCPATH
Consultant Clinical Scientist, Associate Clinical Lecturer
Newcastle University

National Health Service Blood and Transplant
Newcastle Upon Tyne, United Kingdom

2:35 PM – 2:40 PM Q/A Discussion

2:40 PM – 3:00 PM Glyconanotechnology Tools for the Study of ABO Antibodies and B-Cells: Beyond the Isohemagglutination Assay
Lori West, MD, D. Phil
Professor of Pediatrics, Surgery and Immunology
University of Alberta
Edmonton, AB, Canada

3:00 PM – 3:05 PM Q/A Discussion

3:05 PM - 3:25 PM ABO-incompatibility in the Context of Transplantation: Revisiting Accommodation, AMR and Tolerance
Gavin Pettigrew
Reader in Clinical and Experimental Transplantation
Cambridge University
Cambridge, United Kingdom

3:25 PM – 3:30 PM Q/A Discussion

3:30 PM - 3:50 PM ABO-incompatible Transplantation in Japan
Kazunari Tanabe, MD, PhD
Professor and Chairman, Department of Urology
Tokyo Women’s Medical University
Tokyo, Japan

3:50 PM – 3:55 PM Q/A Discussion

Fighting Transplant Tourism, Trafficking and Trade

Tracks:

Moderators: *Michael Adrian Bos, MD, MA Soc, Engwierum, The Netherlands* and *Robert Gaston, MD, Endowed Professor of Transplant Nephrology, University of Alabama at Birmingham, Birmingham, AL, USA*



Wednesday, July 30, 2014

2:15 PM – 2:40 PM	The Insiders View of a Regulated Market <i>Mitra Mahdavi-Mazdeh, MD</i> <i>Director of Iranian Tissue Bank Research & Preparation Center</i> <i>Tehran University of Medical Sciences</i> <i>Tehran, Iran</i>
2:40 PM – 2:45 PM	Q/A Discussion
2:45 PM – 3:10 PM	Tackling Transplant Tourism: What Will Work? <i>Frederike Ambagtsheer, MSc, LL.M</i> <i>Erasmus MC University Hospital</i> <i>Rotterdam</i> <i>Rotterdam, The Netherlands</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM - 3:40 PM	Regulation: Proposed Standards for An Acceptable System <i>Arthur Matas, MD</i> <i>Professor of Surgery</i> <i>University of Minnesota</i> <i>Minneapolis, MN, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

2:55 PM - 3:10 PM	Administrative Changes of the New Kidney Allocation System <i>Gena Boyle, MPA</i> <i>Policy Manager</i> <i>UNOS-United Network for Organ Sharing</i> <i>Richmond, VA, USA</i>
3:10 PM – 3:15 PM	Q/A Discussion
3:15 PM – 3:40 PM	Getting Ready for Implementation of the New Kidney Allocation System – What you NEED to Know <i>Richard Formica, Jr., MD</i> <i>Associate Professor of Medicine and Surgery</i> <i>Yale University School of Medicine</i> <i>New Haven, CT, USA</i>
3:40 PM – 3:45 PM	Q/A Discussion

COFFEE BREAK

3:45 PM – 4:00 PM

CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 PM

71. Vascularized Composite Allografts
72. Liver: MELD, Allocation and Donor Issues (DCD/ECD)
73. Public Policy and Regulatory Oversight II
74. Outcomes of Old and New AMR Therapies
75. Long-term Outcomes in Kidney Transplantation
76. Impact of Pre-transplant Donor Specific Antibodies in Kidney Transplantation
77. Risk Assessment and Outcomes Post Liver Transplantation
78. Kidney Paired Donation
79. Ischemia Reperfusion Injury Liver and Small Bowel
80. Stem Cells and Cellular Therapies
81. Use of Old, Young and Marginal Deceased Donor Kidneys
82. Cardiovascular Complications in Kidney Transplantation II
83. Biomarkers and Immune Monitoring II
84. Surgical Aspects in Living Kidney Donation

POSTER SESSION IV

5:30 PM – 6:30 PM

Preparing for the New Kidney Allocation Policy

Moderators: Richard Formica, Jr., MD, Associate Professor of Medicine and Surgery, Yale University School of Medicine, New Haven, CT, USA and Mark Aeder, MD, Associate Professor of Surgery, Case Western Reserve University, Cleveland, OH, USA

2:15 PM – 2:30 PM	Myths and Realities of KDPI and EPTS <i>Darren Stewart, MS</i> <i>Biostatistician</i> <i>UNOS Research Department</i> <i>Richmond, VA, USA</i>
2:30 PM – 2:35 PM	Q/A Discussion
2:35 PM – 2:50 PM	Understanding the Upcoming Changes in Kidney Allocations <i>Mark Aeder, MD</i> <i>Associate Professor of Surgery</i> <i>Case Western Reserve University</i> <i>Cleveland, OH, USA</i>
2:50 PM – 2:55 PM	Q/A Discussion



Thursday, July 31, 2014

SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

Immune Memory and Heterologous Immunity

Tracks:

Moderators: Andrew Bushell, BSc., D. Phil., Senior Post Doctoral Fellow and Research Lecturer, University of Oxford, Oxford, United Kingdom and Maria Luisa Alegre, MD, PhD, Professor, University of Chicago, Chicago, IL, USA

7:00 AM – 7:20 AM	Adoptive Cell Therapy With CD8 Virus Specific T-Cells <i>Petra Reinke, MD</i> <i>Professor, Dr. of Medicine</i> <i>Charité-Universitätsmedizin Berlin</i> <i>Berlin, Germany</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	New Approaches to Deal With Heterologous Immunity <i>Mandy Ford, PhD</i> <i>Assistant Professor</i> <i>Emory University</i> <i>Atlanta, GA, USA</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Endogenous Memory CD8 T-Cell Rejection of Allografts <i>Robert Fairchild, PhD</i> <i>Professor of Molecular Medicine</i> <i>Cleveland Clinic Foundation</i> <i>Cleveland, OH, USA</i>
8:10 AM – 8:15 AM	Q/A Discussion

Optimizing Islet Isolation: Current Challenges and Future Strategies

Tracks:

Moderators: James Shapiro, MD, PhD, FRC, University of Alberta Hospital, Edmonton, AB, Canada and Annika Tibell, MD, Associate Professor, Karolinska University Hospital, Stockholm, Huddinge, Sweden

7:00 AM – 7:20 AM	Novel Approaches to Pancreas Preservation Prior to Islet Isolation <i>Klearchos Papas, PhD</i> <i>Professor of Surgery</i> <i>University of Arizona</i> <i>Tucson, AZ, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Understanding the Molecular Structure of the Pancreatic Matrix – Implications for the Development of Targetted Enzyme Blends <i>Paul R.V. Johnson</i> <i>Director of Oxford Islet Transplant Program and Chair of Paediatric Surgery</i> <i>University of Oxford</i> <i>Oxford, United Kingdom</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Novel Approaches to Pancreas Digestion – Is Enzymatic Digestion Really the Best Way <i>Olle Korsgren</i> <i>Professor</i> <i>Uppsala University</i> <i>Uppsala, Sweden</i>
8:10 AM – 8:15 AM	Q/A Discussion



Thursday, July 31, 2014

Genetic Engineering in Xenotransplantation

Tracks:

Moderators: David Cooper, MD, PhD, Professor of Surgery, University of Pittsburgh – Thomas E. Starzl Transplant Institute, Pittsburgh, PA, USA and Joseph Tector, MD, PhD, Indiana University School of Medicine, Indianapolis, IN, USA

7:00 AM – 7:20 AM	Pig Genetic Engineering for Xenotransplantation <i>David Ayares, PhD</i> <i>Executive Vice President</i> <i>Revivicor, Inc</i> <i>Blacksburg, VA, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Human CD47 Transgenic Pigs <i>David H. Sachs, MD</i> <i>Massachusetts General Hospital</i> <i>Boston, MA, USA</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	The Strategy of Multi-Transgenic Pigs for Successful Xenotransplantation <i>Peter J. Cowan, PhD</i> <i>Professor</i> <i>St. Vincent's Hospital</i> <i>Melbourne, Australia</i>
8:10 AM – 8:15 AM	Q/A Discussion

New Dimensions in Liver Preservation

Tracks:

Moderators: Antonio Pinna, MD, PhD, Professor of Surgery Transplant Dept., University of Bologna, Bologna, Italy and Jacques Pirenne, Professor of Surgery, University Hospitals Leuven, Leuven, Belgium

7:00 AM – 7:20 AM	Hypothermic Machine Preservation of the Liver <i>James Guarrera, MD</i> <i>Associate Professor of Surgery</i> <i>Columbia University Medical Center</i> <i>New York, NY, USA</i>
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7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Pre-Implantation Reconditioning by Normothermic Profusion <i>Robert Porte, MD, PhD</i> <i>Professor of Surgery</i> <i>University Medical Center</i> <i>Groningen</i> <i>Groningen, The Netherlands</i>
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Normothermic Machine Preservation of the Liver <i>Peter Friend, MD</i> <i>Professor of Transplantation</i> <i>University of Oxford – Churchill Hospital</i> <i>Oxford, United Kingdom</i>
8:10 AM – 8:15 AM	Q/A Discussion

Liver Allograft Biopsy: What Pathology Can and Cannot Tell You

Tracks:

Moderators: Oyedele A. Adeyi, MD, Assistant Professor of Liver and Transplantation Pathology, University Health Network/University of Toronto, Toronto, ON, Canada and Parmjeet Randhawa, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

7:00 AM – 7:20 AM	Liver Allograft Biopsy for Cause: Before, During and After the Procedure <i>Anthony J. Demetris, MD</i> <i>Professor of Pathology</i> <i>University of Pittsburgh Medical Center – Montefiore</i> <i>Pittsburgh, PA, USA</i>
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Liver Biopsy as a Tool for Diagnosing Post-transplant Opportunistic Infections <i>Parmjeet Randhawa, MD</i> <i>University of Pittsburgh Medical Center</i> <i>Pittsburgh, PA, USA</i>



Thursday, July 31, 2014

7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Native (Non-transplant) Liver Pathology in the Context of Immunosuppression <i>Oyedele A. Adeyi, MD</i> Assistant Professor of Liver and Transplantation Pathology University Health Network/ University of Toronto Toronto, ON, Canada

8:10 AM – 8:15 AM	Q/A Discussion
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Ethical Challenges in Living Donation

Tracks:

Moderators: Willem Weimar, MD, PhD, Professor, Erasmus Medical Center, Rotterdam, The Netherlands and Linda Wright, MHSc, MSW, Director of Bioethics, Assistant Professor of Surgery, University Health Network, University of Toronto, Toronto, ON, Canada

7:00 AM – 7:20 AM	Anonymity – Paternalism or Safeguard? <i>Nizam Mamode, MB, ChB, MD, FRCS</i> Reader in Transplant Surgery Guys Hospital, London London, United Kingdom
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Should We Invite Compatible Pairs Into Exchange Programs? <i>Marie-Chantal Fortin, MD</i> Associate Professor Centre Hospitalier de L'université de Montréal Montreal, QC, Canada
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Politics, Economics and Transplantation in Developing Countries <i>Vivekanand Jha, MD PhD</i> Professor of Nephrology Postgraduate Medical Institute Chandigarh, India
8:10 AM – 8:15 AM	Q/A Discussion

Paying for Organs in Controlled and Uncontrolled Settings

Tracks:

Moderators: Anantharaman Vathsala, MD, National University of Singapore, Singapore, and John Fung, MD, PhD, Professor of Surgery and Chairman of the Digestive Disease Institute, Cleveland Clinic Foundation, Cleveland, OH, USA

7:00 AM – 7:20 AM	Kidney Sellers of Bangladesh <i>Monir Moniruzzaman, MD</i> Professor of Anthropology Michigan State University East Lansing, MI, USA
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	The Role of \$\$ in Kidney Transplantation in Iran. Does Government Control of a Financial Reward for Donation Have Positive or Negative Outcomes for Recipients and Donors? <i>Nasrollah Ghahramani, MD</i> Associate Professor of Medicine and Public Health Sciences Pennsylvania State University College of Medicine Hershey, PA, USA
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Financial Consequences When the Transplant Tourist Comes Home <i>Jagbir Gill, MD, MPH</i> Assistant Professor of Medicine University of British Columbia Vancouver, BC, Canada
8:10 AM – 8:15 AM	Q/A Discussion



Thursday, July 31, 2014

How Do We Overcome the Current State of Inertia in Renal Transplantation?

Moderators: Lorenzo Gallon, MD, Medical Director Transplant Center, Professor of Medicine, Northwestern University, Chicago, IL, USA and Helio Tedesco-Silva, Assistant Professor, Hospital do Rim, Federal University of São Paulo, Sao Paulo, Brazil

7:00 AM – 7:20 AM	When Good is Just Not Good Enough: Identifying and Targeting Those at Risk for Graft Loss Jeremy Chapman, MD, FACP Division of Medicine and Cancer Westmead Hospital Westmead, Australia
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Improving Outcomes: Three Clinical Trials I Would Like to See Happen John Gill, MD, MS Associate Professor of Medicine University of British Columbia Vancouver, BC, Canada
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Moving the Goal Post - Is It time for Input from Translational Research? Arthur Matas, MD Professor of Surgery University of Minnesota Minneapolis, MN, USA
8:10 AM – 8:15 AM	Q/A Discussion

Women in Transplantation?

Tracks:

Moderators: Ifeoma Ulas, FWACP; M.Sc Clin Research, Professor of Medicine, University of Nigera, College of Medicine, UNEC, Ituku Ozalla, Nigera and and Nancy Ascher, MD, PhD, University of California San Francisco, San Francisco, CA, USA

7:00 AM – 7:20 AM	Women as Caregivers in the Field of Transplantation Lori West, MD, D. Phil Professor of Pediatrics, Surgery and Immunology University of Alberta Edmonton, AB, Canada
7:20 AM – 7:25 AM	Q/A Discussion
7:25 AM – 7:45 AM	Women as Transplant Patients and Living Donors Hui-Kim Yap Professor National University of Singapore Singapore, Singapore
7:45 AM – 7:50 AM	Q/A Discussion
7:50 AM – 8:10 AM	Women as Scientists in the Field of Transplantation: An Overview Anita Chong, PhD Professor of Surgery University of Chicago Chicago, IL, USA
8:10 AM – 8:15 AM	Q/A Discussion

Featured Speaker

8:30 AM – 9:00 AM	Are Living Kidney Donors at Increased Long-term Risk? John Gill, MD, MS Associate Professor of Medicine University of British Columbia Vancouver, BC, Canada
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PLENARY ABSTRACT SESSIONS

9:00 AM – 10:00 AM

What's Hot – What's New: Basic & Clinical

10:00 AM – 10:25 AM	Basic Jonathan Bromberg, MD, PhD Professor of Surgery and Microbiology and Immunology University of Maryland School of Medicine Baltimore, MD, USA
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Thursday, July 31, 2014

10:25 AM – 10:30 AM Q/A Discussion

10:30 AM – 10:55 AM Clinical
Pierre Clavien, MD, PhD
Professor and Chairman
University Hospital Zurich
Zurich, Switzerland

10:55 AM – 11:00 AM Q/A Discussion

COFFEE BREAK

11:00 AM – 11:15 AM

CONCURRENT ABSTRACT SESSIONS

11:15 AM – 12:45 PM

- 85. Surgical Techniques
- 86. Omics and Immune Monitoring
- 87. Gaining the Upper Hand: Viruses in Solid Organ Transplantation
- 88. Impact of Immunological and Non-Immunological Therapies in the Management and Prevention of De Novo DSA
- 89. Health Economics of Transplantation
- 90. Innate Immunity
- 91. Tolerance: Clinical Studies
- 92. Kidney: Acute Cellular Rejection
- 93. Recipient Well-being and Functional Status II
- 94. Stem Cells and Regenerative Medicine
- 95. Kidney: Living Donor
- 96. Minimization/Avoidance Protocols in Kidney Transplantation III
- 97. Pediatric Kidney Transplant
- 98. Donors with Poor Terminal Function